



METALWORKING MACHINERY

**BAILEIGH
INDUSTRIAL**





Baileigh Industrial® was founded in 1999 with the core principles of providing the highest quality industrial metalworking and woodworking machinery backed by unsurpassed after sale support. Since our humble beginnings we have grown into becoming one of the most respected suppliers of metal forming, chip removal, welding, cutting, sheet metal, and fabrication equipment, as well as contractor grade and industrial furniture, cabinet making, and joinery woodworking equipment.

Baileigh Industrial's worldwide headquarters are located in Manitowoc, WI (USA). A large dealer network around the world provides a local source in most cases. We take pride in offering industrial grade equipment providing profitable solutions for metal and wood machinery project requirements. We further back up our quality metal and wood equipment with timely machinery shipments (typically 72 hour or less), and unsurpassed after sale support.

Our goal is to become a lifetime supplier to our customers of quality metal and wood working machinery. We strive to offer a great experience in the entire process of machinery selection, sale, and support.



Baileigh Industrial, Inc., Manitowoc, WI World Headquarters

Contact Your Baileigh Industrial Representative TODAY for your NEW Metalworking Machine!

BAILEIGH INDUSTRIAL, INC.

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About the Cover: Shown is the Amazing MH-37HD with optional AH-36 Air hammer attachment in action.

BAILEIGH means... precision. performance. perfection.

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The Best Resource On The Planet.

Baileigh is an international provider of quality metal fabricating equipment. Our proven industry leadership results in profitable solutions for your fabricating needs. You can rely on our global experience, our in-depth expertise, and our unwavering commitment to your absolute satisfaction.

Professional Problem Solvers.

We're all the help you need. Our knowledgeable team of expert engineers provides personal attention and individualized service. We know that the right equipment can maximize your efficiencies and improve productivity. That's why we take the time to thoroughly understand your project needs, so we can recommend and engineer a superior solution to meet them—and exceed your expectations.

Built To Perform, Priced To Compete.

We offer hardworking equipment for hardworking people, just like you. Our high-performance equipment is designed to stand up to all your tough jobs. Every product represents superior design, innovative technology, state-of-the-art features, and affordable quality. It's reliability at the best value for your business dollar. All so you can achieve peak performance with each and every project.

Specializing In Your Satisfaction.

We're passionate about customer service, and it shows. Our friendly and knowledgeable staff is always ready to assist you with your business needs. We maintain a strong network of knowledgeable dealers in the metal fabricating industry, and offer local sales and support, to consistently deliver prompt and professional service. You won't find another company that can top our commitment to excellence—in service, products, and support.

CNC Laser Table – FL-510HD

SPECIFICATIONS – FL-510HD

| Model | FL-510-HD-500W | | FL-510HD-1000W | |
|------------------------|--------------------|-------------|--------------------|-------------|
| Type of Laser | Fiber | | Fiber | |
| Laser Wavelength | 1070 nm | | 1070 nm | |
| Cutting Range | 9.8' x 4.9' | 3 m x 1.5 m | 9.8' x 4.9' | 3 m x 1.5 m |
| Max. Cutting Speed | 59 fpm | 18 mpm | 78 fpm | 24 mpm |
| Output Power | 500 watts | | 1000 watts | |
| Laser Input Power | 2 kW | | 5kW | |
| Cooling | Water | | Water | |
| Air Dryer | Yes | | Yes | |
| Material Cutting Range | .007" to .196" | .2 to 5 mm | .007" to .314" | .2 to 8 mm |
| Minimum Cutting Width | ~.004" | ~.1 mm | ~.005" | ~.125 mm |
| Axis Controls | Delta® Servo | | Delta® Servo | |
| Y Axis | Gear and Rack | | Gear and Rack | |
| X Axis | Ball Screw | | Ball Screw | |
| Software | BobCad Cam Express | | BobCad Cam Express | |
| Weight | 6,600 lbs. | 3000 kgs | 6,600 lbs. | 3000 kgs |
| Power Requirement | 220C 3 Phase | | 220V 3 Phase | |

- ◆ 5' x 10' table
- ◆ Economical
- ◆ Efficient fiber type laser
- ◆ 500 watt and 1000 watt versions available
- ◆ Includes chiller and air dryer
- ◆ High quality delta® servo motors on x and y axis
- ◆ Fully assembled
- ◆ Easy to use control console
- ◆ Includes BobCAD cam express software
- ◆ 220V three phase



Exhaust and air dryer



Cooler



CNC Water Jets – WJ-4x4CNC

- ◆ 48" x 48" working area
- ◆ Hammelmann® direct drive pump
- ◆ 58,000 PSI
- ◆ Cuts metal, ceramic, plastic, foam, and glass with ease
- ◆ Abrasive cutting or water only
- ◆ Cantilever design for more accuracy and easy material loading
- ◆ 3 sided access to work piece
- ◆ 3 axis movement
- ◆ Precision ball screw and linear guide rail movement
- ◆ Fully laser cut, welded and reinforced frame
- ◆ Small foot print (intensifier built into table)
- ◆ Auto adjustable abrasive delivery system
- ◆ Bulk abrasive tank integrated into base
- ◆ Economical
- ◆ 460V 3 phase

Controller

- ◆ Easy to use touch screen
- ◆ Windows based
- ◆ Supports ENG, DXF, and G-Code
- ◆ Includes BobCAD express software
- ◆ Caster mounted for easy maneuverability

| SPECIFICATIONS – WJ-4x4CNC | |
|----------------------------|-------------------------------|
| Table Style | Cantilever |
| Cutting Area | 48" x 48" (1220 mm x 1220 mm) |
| Pump Style | Direct Drive |
| Maximum System Pressure | 58,000 PSI |
| Maximum Operating Pressure | 56,000 PSI |
| Motor HP | 40 |
| Axis Drive | Allen-Bradley Servo |
| Software | BobCAD Cam Express |
| Garnet Delivery System | Stepper Motor |
| Garnet Hopper | Integrated into Base |
| Consumables | .35 mm Jewel, 1 mm nozzle |
| Water Filtration | 2 Stage |
| Power Requirement | 460V 3 Phase |



CNC Water Jets – WJ-85CNC

SPECIFICATIONS – WJ-85CNC

| | |
|----------------------------|-------------------------------|
| Table Style | Cantilever |
| Cutting Area | 60" x 96" (1525 mm x 2440 mm) |
| Pump Style | Direct Drive |
| Maximum System Pressure | 58,000 PSI |
| Maximum Operating Pressure | 56,000 PSI |
| Motor HP | 40 |
| Axis Drive | Allen-Bradley Servo |
| Software | BobCAD Cam Express |
| Garnet Delivery System | Stepper Motor |
| Garnet Hopper | Integrated into Base |
| Consumables | .35 mm Jewel, 1 mm nozzle |
| Water Filtration | 2 Stage |
| Power Requirement | 460V 3 Phase |

- ◆ 60" x 96" working area
- ◆ Hammelmann® direct drive pump
- ◆ 58,000 PSI
- ◆ Cuts metal, ceramic, plastic, foam, and glass with ease
- ◆ Abrasive cutting or water only
- ◆ Cantilever design for more accuracy and easy material loading
- ◆ 3 sided access to work piece
- ◆ 3 axis movement
- ◆ Precision ball screw and linear guide rail movement
- ◆ Fully laser cut, welded and reinforced frame
- ◆ Small foot print (intensifier built into table)
- ◆ Auto adjustable abrasive delivery system
- ◆ Bulk abrasive tank integrated into base
- ◆ Economical
- ◆ 460V 3 phase

Controller

- ◆ Easy to use touch screen
- ◆ Windows® based
- ◆ Supports ENG, DXF, and G-Code
- ◆ Includes BobCAD Cam express software
- ◆ Caster mounted for easy maneuverability



What makes a Baileigh Industrial Water Jet Unique



Pump



Integrated Garnet Tray



Baileigh Industrial looked at traditional water jets and thought, there must be a better way. The first aspect of traditional water jet that Baileigh looked at was the pump, this led them to the direct drive design that took up less space and required less maintenance than what was already on the market. This led us to Hammelmann®. The Hammelmann pump was born in the high volume, high demand industrial mining business where downtime can't happen, and maintenance intervals need to be as long as possible. Knowing that Baileigh's customers would expect nothing less, we've built the "heart" of our water jets with a Hammelmann® direct drive pump. This pump system can run a 100% duty cycle at maximum system pressure! And it's achieving this while being up to 40%

more energy efficient than an intensifier water jet system!

Cutting stone, glass, marble, granite, tile, or anything brittle? Traditional water jets tend to chip or blow-out the surface of brittle material when initially piercing. Baileigh's direct drive system has addressed this headache with the powertrain that lies behind the Hammelmann pump. A 40hp motor, powered by VFD, enables the cutting system pressure to be varied infinitely, in real time. This means your expensive stone can be pierced at low pressure to avoid damage, but cut at high pressure for increased production; all handled by the Windows based controller! That's right, no more manually adjusting the hydraulic

system. In fact, Baileigh water jets don't have a hydraulic system at all, which also alleviates the need for a cooling system. No hydraulic system, no cooling system, and an integrated garnet hopper make the Baileigh water jets some of the smallest footprint water jets in the industry! The only items you see on your shop floor are the chassis, water table/tank, and control pedestal.



Touchscreen

CNC Plasma Tables – PT-22

- ◆ 2' x 2' (610 x 610 mm) cutting area
- ◆ Water table pitched to drain
- ◆ High quality stepper motors with lead screw drive
- ◆ Single drive on X axis, dual drives on Y axis
- ◆ Fully welded main frame
- ◆ 5" casters (2) stationary – (2) swivel with brake
- ◆ Industrial cable track on X axis
- ◆ Latched and hinged access doors on both sides
- ◆ Includes BobCAD cam express software
- ◆ 110V

*Shown with Optional
Cutmaster® A60
Plasma Cutting System*



CNC Plasma Tables – PT-44AH-W



- ◆ 59" x 59" (1499 x 1499 mm) cutting area
- ◆ Water table style
- ◆ Control podium with integrated auto height control
- ◆ High quality stepper motors on X, Y and Z axis
- ◆ Fully welded main frame will support up to 1" (25 mm) thick mild steel
- ◆ Industrial cable track
- ◆ Dual drive on Y axis
- ◆ Includes BobCAD cam express software
- ◆ Heavy duty construction
- ◆ Factory assembled
- ◆ 220V single phase



CNC Plasma Tables – PT-48AH-W

- ◆ 60" x 100" (1524 x 2540 mm) cutting area
- ◆ Water table standard
- ◆ Integrated automatic height control
- ◆ Separate control console
- ◆ High quality stepper motors on X, Y, and Z axis
- ◆ Fully welded main frame will support up to 1" (25.4 mm) thick mild steel
- ◆ Industrial cable track
- ◆ Dual drive on Y axis
- ◆ Hardened, ground slide ways with wipers
- ◆ Includes BobCAD cam express software
- ◆ Factory assembled
- ◆ 220V single phase



CNC Plasma Tables – PT-105HD



- ◆ 5' x 10' (1524 x 3048 mm) cutting area
- ◆ Automatic height detection system
- ◆ Down draft type table
- ◆ Downtraft trolley follows the torch wherever it's cutting for more focused fume extraction.
- ◆ Sturdy control podium with 10.5" screen and keypad.
- ◆ High quality panasonic® brushless servo motors on X and Y axis
- ◆ Dual drive on Y axis
- ◆ E-Z load material side rails
- ◆ Fully welded main frame will support up to 1.5" (38 mm) thick mild steel
- ◆ Heavy duty steel gantry
- ◆ Automatic height detection system
- ◆ Industrial cable track
- ◆ Hardened, ground and polished slide ways
- ◆ Includes BobCAD cam express software
- ◆ 220V single phase

CNC Plasma Tables – PT-105HD-W

- ◆ 5' x 10' (1524 x 3048 mm) cutting area
- ◆ Automatic height detection system
- ◆ Water type table
- ◆ Sturdy control podium with 10.5" screen and keypad.
- ◆ High quality Panasonic® brushless servo motors on X and Y axis
- ◆ Dual drive on Y axis
- ◆ E-Z load material side rails
- ◆ Fully welded main frame will support up to 1.5" (38 mm) thick mild steel
- ◆ Heavy duty steel gantry
- ◆ Automatic height detection system
- ◆ Industrial cable track
- ◆ Hardened, ground and polished slide ways
- ◆ Includes BobCAD cam express software
- ◆ 220V single phase



CNC Plasma Tube Profiler – PTP-1110 / PTP-1120



| SPECIFICATIONS – PTP-1110 | | |
|---------------------------|------------------------------|--------------------|
| Maximum Load Capacity | 100 lbs. per foot | 140 kgs. per meter |
| Table Size | 9.84' | 3 meters |
| Max. Piercing Capacity | Depends on Plasma System | |
| Notching Capacity (OD) | 2" – 11.5" | 50 mm – 300 mm |
| Power | Y Axis - .5hp, X Axis - 1 hp | |
| Shipping Weight | 1700 lbs. | 775 kgs. |

*Note: plasma system sold separately
Specifications subject to change without notice.*

- ◆ 2 axis design allows for many unique applications
- ◆ Perfect for notching large tube
- ◆ CNC controlled
- ◆ Includes software
- ◆ 2"–11.5" (50 – 300mm) OD capacity
- ◆ 3 meter length
- ◆ 220V single phase
- ◆ Plasma system sold separately (based on capacity)

| SPECIFICATIONS – PTP-1120 | | |
|---------------------------|------------------------------|--------------------|
| Maximum Load Capacity | 100 lbs. per foot | 140 kgs. per meter |
| Table Size | 19.685' | 6 meters |
| Max. Piercing Capacity | Depends on Plasma System | |
| Notching Capacity (OD) | 2" – 11.5" | 50 mm – 300 mm |
| Power | Y Axis - .5hp, X Axis - 1 hp | |
| Shipping Weight | 3500 lbs. | 1600 kgs. |

*Specifications subject to change without notice.
Note: plasma system sold separately*

- ◆ 2 axis design allows for many unique applications
- ◆ Perfect for notching large tube
- ◆ CNC controlled
- ◆ Includes software
- ◆ 2"–11.5" (50 – 300mm) OD capacity
- ◆ 6 meter length
- ◆ 220V single phase
- ◆ Plasma system sold separately (based on capacity)

Tube & Pipe Notchers – TN-50M / TN-125M / TN-200M

SPECIFICATIONS – TN-50M

| | | |
|---------------------------------|------------------|---------------------------|
| Notching Capacity (Pipe) | 1/4", 3/8", 1/2" | 6.3 mm, 9.525 mm, 12.7 mm |
| Power Requirements | Manual | |
| Shipping Dimensions (L x W x H) | 20" x 7" x 7" | 508 mm x 178 mm x 178 mm |
| Shipping Weight | 17 lbs. | 8 kgs. |

Specifications subject to change without notice.

- ◆ Will notch 1/4", 3/8", and 1/2" pipe at 90°
- ◆ Manually operated



TN-50M

SPECIFICATIONS – TN-125M

| | | |
|---------------------------------|------------------|--------------------------|
| Notching Capacity (Pipe) | 3/4", 1", 1-1/4" | 19 mm, 25.4 mm, 31.75 mm |
| Power Requirements | Manual | |
| Shipping Dimensions (L x W x H) | 20" x 7" x 7" | 508 mm x 178 mm x 178 mm |
| Shipping Weight | 20 lbs. | 9 kgs. |

Specifications subject to change without notice.

- ◆ Will notch 3/4", 1", and 1-1/4" pipe at 90°
- ◆ Manually operated



TN-125M

SPECIFICATIONS – TN-200M

| | | |
|---------------------------------|---------------|--------------------------|
| Notching Capacity (Pipe) | 1-1/2", 2" | 38.1 mm, 50.8 mm, |
| Power Requirements | Manual | |
| Shipping Dimensions (L x W x H) | 20" x 7" x 7" | 508 mm x 178 mm x 178 mm |
| Shipping Weight | 36 lbs. | 16 kgs. |

Specifications subject to change without notice.

- ◆ Will notch 1-1/2" and 2" pipe at 90°
- ◆ Manually operated



TN-200M

Tube & Pipe Notchers – TN-200E

- ◆ Perfect for nibble notching schedule 40 pipe
- ◆ Bench top mounting
- ◆ 90° notching
- ◆ Electric

| SPECIFICATIONS – TN-200E | | |
|---------------------------------|------------------|-----------------------------|
| Notching Capacity (Pipe) | 1/4", 3/8", 1/2" | 6.35 mm, 9.525 mm, 12.7 mm |
| | 3/4", 1", 1-1/4" | 19.05 mm, 25.4 mm, 31.75 mm |
| | 1-1/2", 2" | 38.1 mm, 50.8 mm |
| Power Requirements | 240V 1-Phase | |
| Shipping Dimensions (L x W x H) | 36" x 16" x 18" | 914 mm x 406 mm x 457 mm |
| Shipping Weight | 203 lbs. | 92 kgs. |

Specifications subject to change without notice.



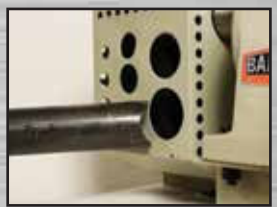
1. Insert Pipe



2. Remove After Half Notch



3. Reinsert Pipe to Notch Opposite Side



4. Notch Complete



Tube & Pipe Notchers – TN-210H / TN-250

SPECIFICATIONS – TN-210H

| | | |
|---------------------------------|---------------------------|--------------------------|
| Notching Capacity (OD) | 2" | 50.8 mm |
| Spindle Size | 1" | 25 mm |
| Spindle Adapter | 1/2" and 5/8" | |
| Angle Adjustment | 0–50° | |
| Power Requirements | Drill Press or Hand Drill | |
| Shipping Dimensions (L x W x H) | 12" x 7" x 5" | 305 mm x 178 mm x 128 mm |
| Shipping Weight | 10 lbs. | 5 kgs. |

Specifications subject to change without notice.



TN-210H
Shown with
optional hole saw

**DON'T FORGET THE
HOLE SAWS!**

SPECIFICATIONS – TN-250

| | | |
|---------------------------------|---------------------------|--------------------------|
| Notching Capacity (OD) | 1/2" – 2-1/2" | 12.7 mm – 63.5 mm |
| Angle Adjustment | Infinite | |
| Power Requirements | 1/2" (12.7 mm) Hand Drill | |
| Shipping Dimensions (L x W x H) | 24" x 12" x 12" | 610 mm x 305 mm x 305 mm |
| Shipping Weight | 50 lbs. | 23 kgs. |

Specifications subject to change without notice.



TN-250
Shown with
optional hole saw

- ◆ Unique 6 jaw radial vise
- ◆ Will notch over 75°
- ◆ 1-1/4" hardened Thomson shaft with replaceable tips
- ◆ Slotted carriage for offset notches (no shims)
- ◆ Patent #8,734.066

Tube & Pipe Notchers – TN-300

| OPTIONAL HOLE SAWS | |
|-----------------------|--|
| SKU | Description |
| For Round Tube | |
| 1004729 | 9/16" Round Tube Hole Saw – 1/2 x 20 Thread |
| 1004730 | 5/8" Round Tube Hole Saw – 1/2 x 20 Thread |
| 1004732 | 3/4" Round Tube Hole Saw – 1/2 x 20 Thread |
| 1004734 | 1" Round Tube Hole Saw – 1/2 x 20 Thread |
| 1004735 | 1-1/8" Round Tube Hole Saw – 1/2 x 20 Thread |
| 1004737 | 1-1/4" Round Tube Hole Saw – 5/8 x 18 Thread |
| 1004738 | 1-3/8" Round Tube Hole Saw – 5/8 x 18 Thread |
| 1004740 | 1-1/2" Round Tube Hole Saw – 5/8 x 18 Thread |
| 1004741 | 1-3/4" Round Tube Hole Saw – 5/8 x 18 Thread |
| 1004743 | 2" Round Tube Hole Saw – 5/8 x 18 Thread |
| 1004744 | 2-1/8" Round Tube Hole Saw – 5/8 x 18 Thread |
| 1004745 | 2-1/4" Round Tube Hole Saw – 5/8 x 18 Thread |
| 1004747 | 2-1/2" Round Tube Hole Saw – 5/8 x 18 Thread |
| 1004748 | 2-3/4" Round Tube Hole Saw – 5/8 x 18 Thread |
| 1004749 | 3" Round Tube Hole Saw – 5/8 x 18 Thread |
| For Round Pipe | |
| 1004728 | 1/2" Round Pipe Hole Saw – 12 x 20 Thread |
| 1004731 | 3/4" Round Pipe Hole Saw – 1/2 x 20 Thread |
| 1004733 | 1" Round Pipe Hole Saw – 5/8 x 18 Thread |
| 1004736 | 1-1/4" Round Pipe Hole Saw – 5/8 x 18 Thread |
| 1004739 | 1-1/2" Round Pipe Hole Saw – 5/8 x 18 Thread |
| 1004742 | 2" Round Pipe Hole Saw – 5/8 x 18 Thread |
| 1004746 | 2-1/2" Round Pipe Hole Saw – 5/8 x 18 Thread |

**DON'T FORGET THE
HOLE SAWS!**

*Shown with
optional hole saw*



| SPECIFICATIONS – TN-300 | | |
|---------------------------------|-----------------|--------------------------|
| Notching Capacity (OD) | 5/8" – 3" | 15.875 mm – 76.2 mm |
| Angle Adjustment | Infinite | |
| Motor HP | .5 HP | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 32" x 24" x 24" | 813 mm x 607 mm x 607 mm |
| Shipping Weight | 190 lbs. | 87 kgs. |

Specifications subject to change without notice.

TN-300

- ◆ Notches up to 3" OD (with optional hole saws)
- ◆ Uses commercially available hole saws
- ◆ Miter notch up to 60°
- ◆ Bench mounted
- ◆ 110V operation

Tube & Pipe Notchers – TN-400 / TN-600

| SPECIFICATIONS – TN-400 | | |
|---------------------------------|-----------------|-----------------------------|
| Notching Capacity (OD) | .75" – 2" | 19.05 mm – 50.8 mm |
| Angle Adjustment | 0 – 60° | |
| Belt Size | 4" x 79" | 101.6 mm x 2006.6 mm |
| Belt Speed | 5420 FPM | |
| Motor HP | 3 HP | |
| Power Requirements | 220V 1-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 60" | 1524 mm x 1118 mm x 1524 mm |
| Shipping Weight | 450 lbs. | 205 kgs. |

Specifications subject to change without notice.

- ◆ 4" Abrasive type notcher
- ◆ Lever feed (with adjustable stop)
- ◆ Includes 1-1/4" pipe mandrel
- ◆ Notches up to 2" OD (with optional mandrel)
- ◆ 220V single phase

| OPTIONAL TOOLING | |
|--|--|
| Description | |
| Available Mandrel Sizes for TN-400/600 | |
| For Round Tube | |
| 3/4" Round Tube | |
| 7/8" Round Tube | |
| 1" Round Tube | |
| 1-1/8" Round Tube | |
| 1-3/16" Round Tube | |
| 1-1/4" Round Tube | |
| 1-3/8" Round Tube | |
| 1-1/2" Round Tube | |
| 1-5/8" Round Tube | |
| 1-3/4" Round Tube | |
| 1-7/8" Round Tube | |
| 2" Round Tube | |
| 2-1/4" Round Tube | |
| 2-1/2" Round Tube | |
| 2-3/4" Round Tube | |
| 3" Round Tube | |
| For Round Pipe | |
| 3/4" Round Pipe | |
| 1" Round Pipe | |
| 1-1/4" Round Pipe | |
| 1-1/2" Round Pipe | |
| 2" Round Pipe | |

| SPECIFICATIONS – TN-600 | | |
|---------------------------------|-----------------|-----------------------------|
| Notching Capacity (OD) | .75" – 3" | 19.05 mm – 76.2 mm |
| Angle Adjustment | 0 – 60° | |
| Belt Size | 6" x 79" | 152.4 mm x 2006.6 mm |
| Belt Speed | 5400 FPM | |
| Motor HP | 5 HP | |
| Power Requirements | 220V 1-Phase | |
| Shipping Dimensions (L x W x H) | 78" x 48" x 52" | 1981 mm x 1219 mm x 1321 mm |
| Shipping Weight | 475 lbs. | 216 kgs. |

Specifications subject to change without notice.

- ◆ 6" Abrasive type notcher
- ◆ Utilizes 4" or 6" belts (6" standard)
- ◆ Lever feed (with adjustable stop)
- ◆ Includes 1-1/4" pipe size mandrel
- ◆ Notches up to 3" OD (with optional mandrel)
- ◆ 220V single phase

DON'T FORGET THE BELTS!



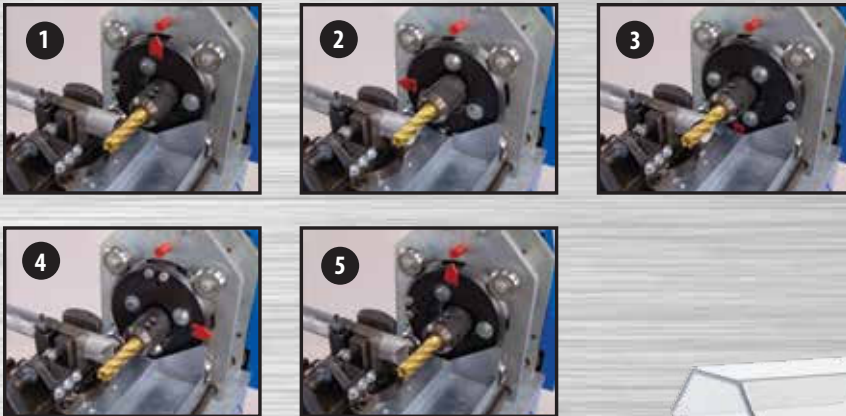
TN-400



TN-600



Tube & Pipe Notchers – TN-800



Set to desired OD. Turn hand wheel counter clock-wise.
One revolution per weld joint with out the need to change end mills regardless of the notch size.

**PERFECT
WELD JOINT**



| SPECIFICATIONS – TN-800 | | |
|---------------------------------|-----------------------------|-----------------------------|
| Notching Capacity (OD) | .5" (Optional) – 3" | 12.7 mm – 76.2 mm |
| Angle Adjustment | 0 – 60° | |
| End Mill Size | 1" Standard / 1/2" Optional | |
| Mill Speed | 177 rpm | |
| Motor HP | 1 HP | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 66" x 44" x 60" | 1676 mm x 1118 mm x 1524 mm |
| Shipping Weight | 610 lbs. | 278 kgs. |

Specifications subject to change without notice.

- ◆ End mill style notcher
- ◆ Fast, easy, and clean
- ◆ Notches 1" to 3" OD with standard tooling
- ◆ Fully adjustable miter and offset notching to 60°
- ◆ Cart mounted with easy roll casters
- ◆ Patent No. 6,435,783
- ◆ 110V operation

| OPTIONAL END MILLS | |
|--------------------|--|
| SKU | Description |
| 1006278 | 1/2" Endmill and Adapter for TN-800 |
| 1006269 | 1/2" Endmill, For TN-800 – 1/2" x 2 1/2" Shank Four Flute |
| 1006267 | 1" Notching End Mill for TN-800, Tin Coated, 4" Cutting Area |
| 1006266 | 1" Notching End Mill for TN-800, Tin Coated, 6" Cutting Area |
| 1006386 | 1" Notching End Mill for Stainless Steel Applications on TN-800, 4" Cutting Area |

Rotary Draw Benders – RDB-10 / RDB-25

| SPECIFICATIONS – RDB-10 | | |
|---------------------------------|-----------------|----------------------------|
| Included Die Sets | 1/4 x 3D | 6.350 mm x 3D |
| | 1/4 x 5D | 6.350 mm x 5D |
| | 5/16 x 3D | 7.938 mm x 3D |
| | 5/16 x 5D | 7.938 mm x 5D |
| | 3/8 x 3D | 9.525 mm x 3D |
| | 3/8 x 5D | 9.525 mm x 5D |
| | 1/2 x 3D | 12.7 mm x 3D |
| | 1/2 x 5D | 12.7 mm x 5D |
| | 5/8 x 3D | 15.875 mm x 3D |
| | 5/8 x 5D | 15.875 mm x 5D |
| Power Requirements | Manual | |
| Shipping Dimensions (L x W x H) | 43" x 17" x 20" | 1.092 mm x 432 mm x 508 mm |
| Shipping Weight | 135 lbs. | 62 kgs. |

Specifications subject to change without notice.



RDB-10

- ◆ Perfect for bending small diameter tubing
- ◆ Can bend to 180 degrees
- ◆ Includes dies for 3xD and 5xD bends
- ◆ Heavy duty stand
- ◆ Tooling rack included



RDB-25

| SPECIFICATIONS – RDB-25 | | |
|---------------------------------|------------------|--------------------------|
| Capacities | | |
| Round Tube | 7/8" | 22.225 mm |
| Square Tube | 1" | 25.4 mm |
| Wall Thickness | .047" | 1.194 mm |
| Bend Angle | 180° | |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 25" x 15" x 6.5" | 635 mm x 381 mm x 165 mm |
| Shipping Weight | 61 lbs. | 28 kgs. |

Specifications subject to change without notice.

- ◆ Can bend round and square tube
- ◆ Includes dies for 3/8" x 2" CLR, 1/2" x 2.25" CLR, 9/16" x 2.5" CLR, 5/8" x 3" CLR, 3/4" x 4.0" CLR, 7/8" x 4.25" CLR round and 3/4" x 3.75 CLR, 1" x 4.25" CLR square tube
- ◆ Full cast iron construction
- ◆ Can be bench or pedestal mounted
- ◆ Includes convenient carrying case

Rotary Draw Benders – RDB-050



| Specifications – RDB-050 | | |
|------------------------------------|------------------|------------------|
| Mild Steel Pipe (Schedule 40) | Call for Details | Call for Details |
| Aluminum Pipe (Schedule 40) | Call for Details | Call for Details |
| Stainless Steel Pipe (Schedule 40) | Call for Details | Call for Details |
| Mild Steel Round Tube (Wall) | 2.50" (.120) | 64 mm x 3 mm |
| Aluminum Round Tube (Wall) | 2.50" (.120) | 64 mm x 3 mm |
| Stainless Steel Round Tube (Wall) | 2.00" (.120) | 50 mm x 3 mm |
| Chromolly Round Tube (Wall) | 2.00" (.120) | 50 mm x 3 mm |
| Mild Steel Solid Rod | 1.0" | 25 mm |
| Mild Steel Square Tube (Wall) | N/A | N/A |
| Minimum OD | .75" | 19 mm |
| Maximum Speed to 180 Degrees | N/A | N/A |
| Maximum Center Line Radius (CLR) | 7.00" | 176 mm |
| Minimum CLR | 3.00" | 76 mm |
| Power Requirements | N/A | N/A |
| Weight (Lbs.) | 290 | 132 kg. |
| Length | 44.00" | 1118 mm |
| Width | 27.00" | 686 mm |
| Height | 42.00" | 1067 mm |

Specifications subject to change without notice.

The RDB-050 is a manually operated Tube Bender with huge capacity at an economical price.

- ◆ Dies available for 90 or 180 degrees
- ◆ Replaceable bronze bushings at all pivot points
- ◆ Three bending speeds
- ◆ 180 degree bends, without repinning the die
- ◆ Anti-spring back mechanism included
- ◆ Integrated degree dial included
- ◆ Quick change hook sleeve inserts, no u-straps
- ◆ US patent no. 8,171,705

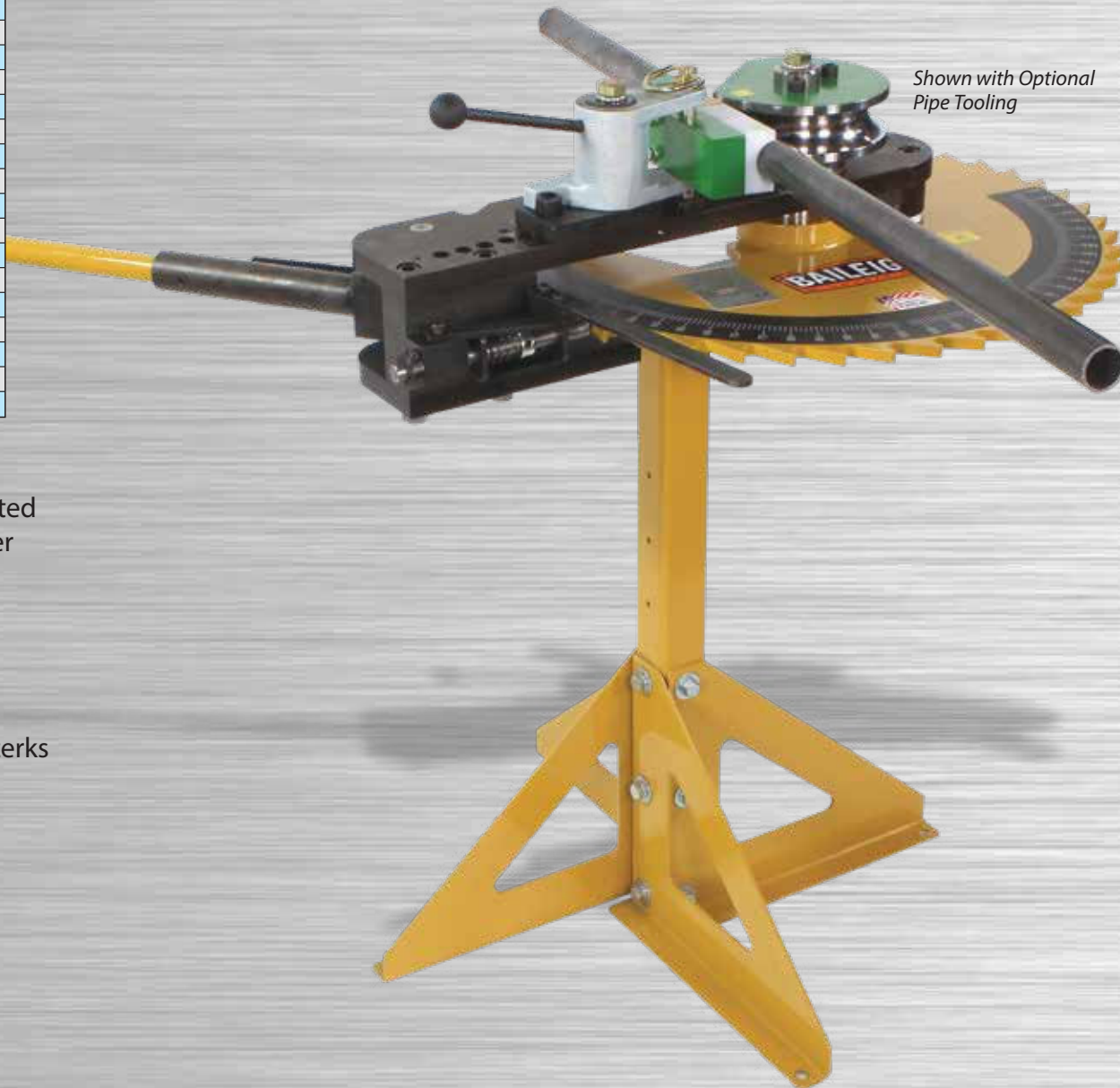
Rotary Draw Benders – RDB-100

| Specifications – RDB-100 | | |
|------------------------------------|--------------|------------------|
| Mild Steel Pipe (Schedule 40) | 1.00" | 33.4 mm x 3.4 mm |
| Aluminum Pipe (Schedule 40) | 1.00" | 33.4 mm x 3.4 mm |
| Stainless Steel Pipe (Schedule 40) | .75" | 27 mm |
| Mild Steel Round Tube (Wall) | 1.75" (.083) | 45 mm x 2 mm |
| Aluminum Round Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Stainless Steel Round Tube (Wall) | 1.50" (.083) | 38 mm x 2 mm |
| Chromolly Round Tube (Wall) | 1.50" (.083) | 38 mm x 2 mm |
| Mild Steel Solid Rod | 1.00" | 25 mm |
| Mild Steel Square Tube (Wall) | 1.00" (.125) | 25 mm x 3 mm |
| Minimum OD | .25" | 6 mm |
| Maximum Speed to 180 Degrees | N/A | N/A |
| Maximum Center Line Radius (CLR)* | 10.50" | 267 mm |
| Minimum CLR | .50" | 13 mm |
| Power Requirements | N/A | N/A |
| Weight (Lbs.) | 290 | 132 kg. |
| Length | 42.00" | 1067 mm |
| Width | 22.00" | 560 mm |
| Height | 42.00" | 1067 mm |

*Maximum CLR dependent on material outside diameter.
Specifications subject to change without notice.

The RDB-100 is a manually operated *professional* Tube and Pipe Bender intended for production work.

- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Two speeds
- ◆ 180 degree one-shot bending for lighter materials
- ◆ Anti-spring back mechanism included
- ◆ Integrated degree dial with bend indicator included
- ◆ Stand and handle included
- ◆ Infinite tooling possibilities



Shown with Optional Pipe Tooling

Rotary Draw Benders – RDB-125



Shown with Optional
Pipe Tooling

Specifications – RDB-125

| | | |
|------------------------------------|---------------|-----------------|
| Mild Steel Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Aluminum Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Stainless Steel Pipe (Schedule 40) | 1.50" | 48 mm x 3 mm |
| Mild Steel Round Tube (Wall) | 2.50" (.125) | 64 mm x 3 mm |
| Aluminum Round Tube (Wall) | 2.50" (.156) | 64 mm x 4 mm |
| Stainless Steel Round Tube (Wall) | 2.375" (.125) | 60 mm x 3 mm |
| Chromolly Round Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Mild Steel Solid Rod | 1" | 25 mm |
| Mild Steel Square Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Minimum OD | .25" | 6 mm |
| Maximum Speed to 180 Degrees | N/A | N/A |
| Maximum Center Line Radius (CLR)* | 10.50" | 267 mm |
| Minimum CLR | .50" | 13 mm |
| Power Requirements | 110V | 220V, 1Ph, 50Hz |
| Weight (Lbs.) | 350 | 160 kg. |
| Length | 42.00" | 1067 mm |
| Width | 22.00" | 560 mm |
| Height | 42.00" | 1067 mm |

*Maximum CLR dependent on material outside diameter.
Specifications subject to change without notice.

Based on our RDB-100, the RDB-125 is the perfect bender for the fabricator that wants a powered bender on a budget.

- ◆ Low pressure industrial grade hydraulic system
- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Anti-spring back mechanism included
- ◆ Integrated degree dial with bend indicator included
- ◆ Infinite tooling possibilities
- ◆ Foot pedal operation
- ◆ 110V

Rotary Draw Benders – RDB-150

| Specifications – RDB-150 | | |
|------------------------------------|---------------|-----------------|
| Mild Steel Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Aluminum Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Stainless Steel Pipe (Schedule 40) | 1.50" | 48 mm x 3 mm |
| Mild Steel Round Tube (Wall) | 2.50" (.125) | 64 mm x 3 mm |
| Aluminum Round Tube (Wall) | 2.50" (.156) | 64 mm x 4 mm |
| Stainless Steel Round Tube (Wall) | 2.375" (.125) | 60 mm x 3 mm |
| Chromolly Round Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Mild Steel Solid Rod | 1" | 25 mm |
| Mild Steel Square Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Minimum OD | .25" | 6 mm |
| Maximum Speed to 180 Degrees | 30 Sec. | 30 Sec. |
| Maximum Center Line Radius (CLR)* | 9.50" | 241 mm |
| Minimum CLR | .50" | 13 mm |
| Power Requirements | 110V | 220V, 1Ph, 50Hz |
| Weight (Lbs.) | 600 | 272 kg. |
| Length | 44.00" | 1118 mm |
| Width | 28.00" | 711 mm |
| Height | 42.00" | 1067 mm |

*Maximum CLR dependent on material outside diameter.
Specifications subject to change without notice.

The original 180 degree hydraulic tube and pipe bender. Perfect for the small fab shop that wants to up its level of productivity without breaking the bank.

- ◆ Bends to 180 degrees in one shot
- ◆ Low pressure industrial grade hydraulic system
- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Degree dial with bend indicator included
- ◆ Infinite tooling possibilities
- ◆ Portable ◆ Foot pedal operation
- ◆ 110V

Shown with Optional Square Tooling



Rotary Draw Benders – RDB-150-AS

Shown with Optional
Square Tooling



Specifications – RDB-150-AS

| | | |
|------------------------------------|---------------|-----------------|
| Mild Steel Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Aluminum Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Stainless Steel Pipe (Schedule 40) | 1.50" | 48 mm x 3 mm |
| Mild Steel Round Tube (Wall) | 2.50" (.125) | 64 mm x 3 mm |
| Aluminum Round Tube (Wall) | 2.50" (.156) | 64 mm x 4 mm |
| Stainless Steel Round Tube (Wall) | 2.375" (.125) | 60 mm x 3 mm |
| Chromolly Round Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Mild Steel Solid Rod | 1" | 25 mm |
| Mild Steel Square Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Minimum OD | .25" | 6 mm |
| Maximum Speed to 180 Degrees | 30 Sec. | 30 Sec. |
| Maximum Center Line Radius (CLR)* | 9.50" | 241 mm |
| Minimum CLR | .50" | 13 mm |
| Power Requirements | 110V | 220V, 1Ph, 50Hz |
| Weight (Lbs.) | 600 | 272 kg. |
| Length | 44.00" | 1118 mm |
| Width | 28.00" | 711 mm |
| Height | 42.00" | 1067 mm |

*Maximum CLR dependent on material outside diameter.
Specifications subject to change without notice.

Available in both auto-stop and non auto-stop versions, the RDB-150 is the perfect bender for small to medium fabrication shops.

- ◆ Optional auto stop for bend repeatability
- ◆ Bends to 180 degrees in one shot
- ◆ Low pressure industrial grade hydraulic system
- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Degree dial with bend indicator included
- ◆ Infinite tooling possibilities
- ◆ Portable ◆ Foot pedal operation
- ◆ 110V

Rotary Draw Benders – RDB-175

| Specifications – RDB-175 | | |
|------------------------------------|---------------|-----------------|
| Mild Steel Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Aluminum Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Stainless Steel Pipe (Schedule 40) | 1.50" | 48 mm x 3 mm |
| Mild Steel Round Tube (Wall) | 2.50" (.125) | 64 mm x 3 mm |
| Aluminum Round Tube (Wall) | 2.50" (.156) | 64 mm x 4 mm |
| Stainless Steel Round Tube (Wall) | 2.375" (.125) | 60 mm x 3 mm |
| Chromolly Round Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Mild Steel Solid Rod | 1" | 25 mm |
| Mild Steel Square Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Minimum OD | .25" | 6 mm |
| Maximum Speed to 180 Degrees | 12 Sec. | 12 Sec. |
| Maximum Center Line Radius (CLR)* | 9.00" | 229 mm |
| Minimum CLR | .50" | 13 mm |
| Power Requirements | 110V | 220V, 1Ph, 50Hz |
| Weight (Lbs.) | 630 | 286 kg. |
| Length | 44.00" | 1118 mm |
| Width | 28.00" | 711 mm |
| Height | 42.00" | 1067 mm |

*Maximum CLR dependent on material outside diameter.
Specifications subject to change without notice.

The RDB-175 starts where the RDB-150 left off. Years of experience allowed Baileigh Industrial to improve and add features that customers have been asking for. Features that are so unique the machine is patented.

- ◆ Ratchet counter die positioner
- ◆ 2x faster than standard

RDB-150 (12-seconds to 180 degrees)

- ◆ Foot pedal operation
- ◆ Bends to 180 degrees in one shot
- ◆ Low pressure industrial grade hydraulic system
- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes

- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Digital readout for bend repeatability included
- ◆ Infinite tooling possibilities
- ◆ US patent no. 7,380,430
- ◆ US patent no. 7,743,636
- ◆ 110V



Digital Auto Stop



Shown with Optional Pipe Tooling

Rotary Draw Benders – RDB-250

The RDB-250 is the first in Baileigh Industrial's line of Computer Controlled Tube and Pipe Benders. It offers features that only benders double the price have.

- ◆ Computer programmable
- ◆ Programmer holds 170 jobs with 10-bends per job
- ◆ Color touch-screen

- ◆ Can bend 360 degrees left or right (with optional tooling)
- ◆ Six bending speeds
- ◆ Fast, 9 Seconds to 180 degrees
- ◆ 9.0" (229 mm) maximum centerline radius
- ◆ Accepts optional positioning table
- ◆ Portable

Shown with Optional Pipe Tooling



Touchscreen programmer

| Specifications – RDB-250 | | |
|------------------------------------|---------------|-----------------|
| Mild Steel Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Aluminum Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Stainless Steel Pipe (Schedule 40) | 1.50" | 48 mm x 3 mm |
| Mild Steel Round Tube (Wall) | 2.50" (.125) | 64 mm x 3 mm |
| Aluminum Round Tube (Wall) | 2.50" (.156) | 64 mm x 4 mm |
| Stainless Steel Round Tube (Wall) | 2.375" (.125) | 60 mm x 3 mm |
| Chromolly Round Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Mild Steel Solid Rod | 1" | 25 mm |
| Mild Steel Square Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Minimum OD | .25" | 6 mm |
| Maximum Speed to 180 Degrees | 9 Sec. | 9 Sec. |
| Maximum Center Line Radius (CLR)* | 9.00" | 229 mm |
| Minimum CLR | .50" | 13 mm |
| Power Requirements | 220V (1Ph) | 220V, 1Ph, 50Hz |
| Weight (Lbs.) | 610 | 278 kg. |
| Length | 40.00" | 1016 mm |
| Width | 32.00" | 813 mm |
| Height | 43.00" | 1092 mm |

*Maximum CLR dependent on material outside diameter.
Specifications subject to change without notice.

Rotary Draw Benders – RDB-325

| Specifications – RDB-325 | | |
|------------------------------------|--------------|-----------------|
| Mild Steel Pipe (Schedule 80) | 2.00" | 60 mm x 5.5 mm |
| Aluminum Pipe (Schedule 80) | 2.50" | 73 mm x 5.5 mm |
| Stainless Steel Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Mild Steel Round Tube (Wall) | 3.00" (.095) | 76 mm x 2.5 mm |
| Aluminum Round Tube (Wall) | 3.00" (.203) | 76 mm x 5 mm |
| Stainless Steel Round Tube (Wall) | 3.00" (.095) | 76 mm x 2.5 mm |
| Chromolly Round Tube (Wall) | 3.00" (.083) | 76 mm x 2 mm |
| Mild Steel Solid Rod | 1.25" | 32 mm |
| Mild Steel Square Tube (Wall) | 2.00" (.125) | 50 mm x 3 mm |
| Minimum OD | .25" | 6 mm |
| Maximum Speed to 180 Degrees | 10 Sec. | 10 Sec. |
| Maximum Center Line Radius (CLR)* | 16.50" | 419 mm |
| Minimum CLR | .50" | 13 mm |
| Power Requirements | 220V (1Ph) | 400V, 3Ph, 50Hz |
| Weight (Lbs.) | 1,200 | 545 kg. |
| Length | 60.00" | 1524 mm |
| Width | 32.00" | 813 mm |
| Height | 48.00" | 1220 mm |

*Maximum CLR dependent on material outside diameter.
Specifications subject to change without notice.

The RDB-325 is the newest addition to the Baileigh Industrial Tube and Pipe Bender lineup and bridges the gap between the popular RDB-250 and the workhorse of the line up the RDB-350.

- ◆ Computer programmable
- ◆ Programmer holds 170 jobs with 10-bends per job
- ◆ Color touch-screen

- ◆ Can bend 360 degrees left or right (with optional tooling)
- ◆ Six bending speeds
- ◆ Fast, 10-seconds to 180 degrees
- ◆ 16.5" (419 mm) maximum centerline radius
- ◆ Accepts optional positioning table
- ◆ Portable

Shown with Optional Pipe Tooling



Touchscreen programmer



Rotary Draw Benders – RDB-350-TS

The RDB-350-TS is the workhorse of the Baileigh Industrial line of Tube and Pipe Benders. It will be able to handle almost any job thrown its way.

- ◆ Computer programmable
- ◆ Easy to use color touch-screen controls
- ◆ Programmer holds 170 jobs with 10-bends per job

- ◆ Can bend 360 degrees left or right (with optional tooling)
- ◆ Quick release counter die system
- ◆ Fast, 16-seconds to 180 degrees
- ◆ 24" (610 mm) maximum centerline radius
- ◆ Accepts optional positioning table



Shown with Optional Tube Tooling



Touchscreen programmer



Heavy Duty Counter Die Holder



Quick Release Counter Die

| Specifications –RDB-350-TS | | |
|------------------------------------|--------------|-----------------|
| Mild Steel Pipe (Schedule 40) | 2.50" | 73 mm x 5 mm |
| Aluminum Pipe (Schedule 40) | 3.00" | 89 mm x 5 mm |
| Stainless Steel Pipe (Schedule 40) | 2.00" | 60 mm x 4 mm |
| Mild Steel Round Tube (Wall) | 3.00" (.187) | 76 mm x 5 mm |
| Aluminum Round Tube (Wall) | 3.50" (.250) | 89 mm x 6.5 mm |
| Stainless Steel Round Tube (Wall) | 3.00" (.125) | 76 mm x 3 mm |
| Chromolly Round Tube (Wall) | 2.50" (.125) | 64 mm x 3 mm |
| Mild Steel Solid Rod | 1.75" | 45 mm |
| Mild Steel Square Tube (Wall) | 3.00" (.125) | 76 mm x 3 mm |
| Minimum OD | .24" | 6 mm |
| Maximum Speed to 180 Degrees | 16 Sec. | 16 Sec. |
| Maximum Center Line Radius (CLR)* | 24.00" | 610 mm |
| Minimum CLR | .50" | 13 mm |
| Power Requirements | 220V (3Ph) | 400V, 3Ph, 50Hz |
| Weight (Lbs.) | 1500 | 681 kg. |
| Length | 69.00" | 1753 mm |
| Width | 32.00" | 813 mm |
| Height | 46.00" | 1168 mm |

*Maximum CLR dependent on material outside diameter.
Specifications subject to change without notice.

Rotary Draw Benders – RDB-500

| Specifications – RDB-500 | | |
|------------------------------------|--------------|-----------------|
| Mild Steel Pipe (Schedule 40) | 3.00" | 89 mm x 5.5 mm |
| Aluminum Pipe (Schedule 40) | 3.50" | 102 mm x 6 mm |
| Stainless Steel Pipe (Schedule 40) | 2.50" | 73 mm x 5 mm |
| Mild Steel Round Tube (Wall) | 3.00" (.250) | 76 mm x 6.5 mm |
| Aluminum Round Tube (Wall) | 3.50" (.250) | 89 mm x 6.6 mm |
| Stainless Steel Round Tube (Wall) | 3.50" (.187) | 89 mm x 5 mm |
| Chromolly Round Tube (Wall) | 3.50" (.187) | 89 mm x 5 mm |
| Mild Steel Solid Rod | 2.00" | 50 mm |
| Mild Steel Square Tube (Wall) | 3.00" (.250) | 76 mm x 6.5 mm |
| Minimum OD | .25" | 6 mm |
| Maximum Speed to 180 Degrees | 36 Sec. | 36 Sec. |
| Maximum Center Line Radius (CLR)* | 20.00" | 508 mm |
| Minimum CLR | .50" | 13 mm |
| Power Requirements | 220V (3Ph) | 400V, 3Ph, 50Hz |
| Weight (Lbs.) | 1800 | 820 kg. |
| Length | 70.00" | 1778 mm |
| Width | 56.00" | 1422 mm |
| Height | 41.00" | 1041 mm |

*Maximum CLR dependent on material outside diameter.
Specifications subject to change without notice.

- ◆ 3" schedule 40 pipe capacity
- ◆ Auto stop for bend repeatability included
- ◆ Bends to 180 degrees in one shot
- ◆ Low pressure industrial grade hydraulic system
- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Infinite tooling possibilities



Shown with Optional Pipe Tooling



Digital Auto Stop

Rotary Draw Benders – RDB-480

- ◆ 4" schedule 80 pipe capacity
- ◆ Computer programmable
- ◆ Easy to use touch screen controls
- ◆ Stores 170 bend programs
- ◆ 28" max. CLR
- ◆ Convenient foot pedal operation

*Shown with Optional
Pipe Tooling*



| Specifications – RDB-480 | | |
|-----------------------------|-----------------|-----------------------------|
| Motor Hp | 10 hp | |
| Degree of Bend (Max) | 190° | |
| Maximum Speed To 180° | 25 Sec. | |
| Mild Steel Pipe Schedule 80 | 4" | 101.6 mm |
| Mild Steel Round Tube Wall | 5" x .083" | 127 mm x 2.1 mm |
| Bend Direction | Clockwise | |
| Min. Clr | 6" | 153 mm |
| Max. Clr | 28" | 711 mm |
| Power | 220V 3-Phase | 415V 3-Phase 50hz |
| Shipping Weight | 6,000 lbs | 2730 kgs |
| Shipping Dimensions | 60" x 44" x 68" | 1550 mm x 1120 mm x 1730 mm |

Specifications subject to change without notice.



*Color touchscreen
programmer*

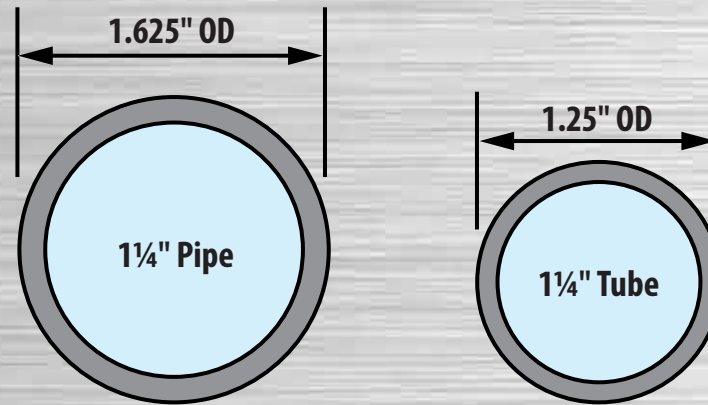
Rotary Draw Tooling

Baileigh Industrial makes tooling for just about every application possible of rotary draw bending. For this reason, it is important to understand what material you are bending to get the correct die set for your application. Below is a simple description of our tooling to aid you in making this determination.

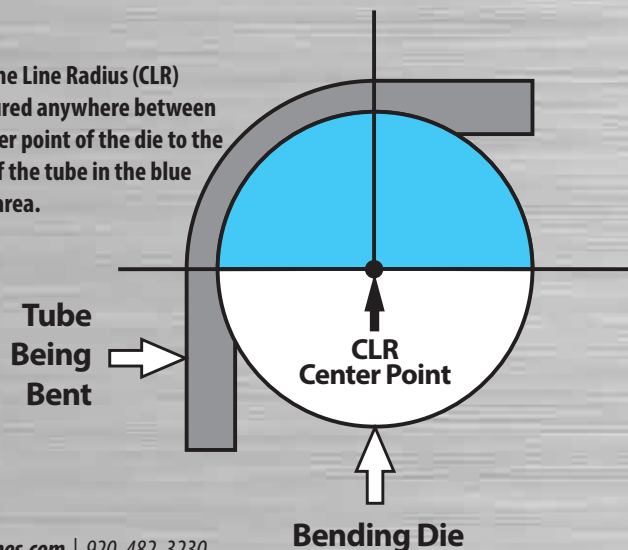
PIPE Vs TUBE

What is the difference between Pipe and Tube?

In short: *Tube is measured by outside diameter, pipe is measured by inside diameter.* There is often confusion as to which size die the customer needs - Pipe Size or Tubing Size. Keep in mind that pipe size refers to a nominal - not actual - inside pipe diameter. Schedule refers to the pipe's wall thickness. The actual physical OD is larger than its nominal OD. The dimensions provided for tubing on the other hand refer to the actual outside diameter. In other words, the actual physical OD of a tube is just the same as its nominal OD. The size of a tube will keep the same OD no matter what the wall thickness is. For example: The actual outside diameter of 1¼" pipe is 1.625" - while 1¼" tube has a true 1.25" outside diameter.



Centerline Line Radius (CLR) is measured anywhere between the center point of the die to the center of the tube in the blue shaded area.



FINDING CENTERLINE RADIUS

After you have figured out the correct type of material you have (tube, pipe, square, or solid) the next most important aspect of picking the right die is to find the centerline radius, known as CLR, of the part that you are making. All our tooling is based off this dimension and will ensure that you get the fit that you need. Below is an example of different centerline radii to help visualize the difference. If you are unsure of the CLR you need, give one of our helpful technical sales specialists a call at 920-684-4990





Tube

- ◆ Designated tube by blue color
- ◆ 1018 billet steel forming die
- ◆ Replaceable / Consumable counter die inserts for counter die block
- ◆ Welded / Bolted open side hook arm, for easy tube insertion and removal
- ◆ Non-proprietary spindle bore
- ◆ Optional Roller assemblies for special applications
- ◆ Optional hardened 4140 billet dies for production heavy wall bending, and production stainless bending
- ◆ Metric Sizing available at request

Pipe

- ◆ Designated pipe by green color
- ◆ 1018 billet steel forming die
- ◆ Replaceable / Consumable counter die inserts for counter die block
- ◆ Welded / Bolted open side hook arm, for easy tube insertion and removal
- ◆ Non-proprietary spindle bore
- ◆ Optional Roller assemblies for special applications
- ◆ Optional hardened 4140 billet dies for production heavy wall bending (sch80 & thicker), and production stainless bending



Square Tube

- ◆ 1018 billet steel forming die
- ◆ Replaceable / Consumable counter die Plastic slide insert for counter die block
- ◆ Split Die Top Cap with release handles for easy of material release from forming die
- ◆ Welded / Bolted open side hook arm with clamping strap, for easy tube insertion and removal
- ◆ Non-proprietary spindle bore
- ◆ Optional hardened 4140 billet dies for production heavy wall bending
- ◆ Rectangle die configurations available at request.

Accessories for Bending



ANGLE FINDER

- ◆ Bend accurately in varying planes
- ◆ 3/4" – 3-1/2" capacity
- ◆ Rugged design for years of dependability
- ◆ Can be used on all non-manual rotary draw benders

SKU 100210



Inside Radius Gauge

SKU 1004947

INSIDE AND OUTSIDE RADIUS GAUGES

Perfect for finding unknown radiuses of parts and duplicating them.



Outside Radius Gauge

SKU1005905



ROTARY POSITIONING TABLES

IDX-10, IDX-15 and IDX-20

- ◆ Available in 10 ft., 15 ft., and 20 ft. lengths
- ◆ Mechanical stops for multiple bend parts
- ◆ Rotary chuck for accurate bends in varying planes
- ◆ 2-1/2" thru-hole allows material longer than the table to be used
- ◆ Linear guide scale
- ◆ For use on the models 250, 325, and 350



B-Lube

Lube is a necessity when bending pipe or tube. What makes B-Lube the best?

- Contains no hazardous ingredients
- Contains no petroleum oil
- Does not contain chlorine or sulfur
- Spreads evenly and does not run from high temperatures
- Cleans easily in low temperature water base solutions
- Can be welded through without cleaning
- Is environmentally and operator friendly



UNIVERSAL BEND PLATE

Great for Ornamental Applications



End Former – TE-300

| Included Tooling | 1-1/2" | 1-3/4" | 2" | 2-1/4" | 2-1/2" | 3" |
|-----------------------|--------------------------------------|--------|-------|--------|--------|-------|
| Lock Collar/Collet | 1 Set | 1 Set | 1 Set | 1 Set | 1 Set | 1 Set |
| Reducer | 1 PC | 1 PC | 1 PC | 1 PC | 1 PC | 1 PC |
| Swage Expander | 1 PC | 1 PC | 1 PC | 1 PC | 1 PC | 1 PC |
| Deep Segment Expander | 1 PC | 1 PC | 1 PC | 1 PC | 1 PC | 1 PC |
| Flanger | 1 PC: 1-1/2" to 3" | | | | | |
| Male Ball Joint | 4 PC: 1-3/4", 2", 2-1/4", 2-1/2" | | | | | |
| Female Ball Joint | 2 PC: 1-3/4" to 2", 2-1/4" to 2-1/2" | | | | | |
| Domer | 1 PC: 1-3/4" to 2-1/2" | | | | | |

| SPECIFICATIONS – TE-300 | | |
|-------------------------|--------------|---------|
| Maximum OD (Mild Steel) | 3" | 76.2 mm |
| Minimum OD (Mild Steel) | 1-1/2" | 38.1 mm |
| Hydraulic System | 2,300 psi | |
| Horse Power | 4 | |
| Power Requirements | 220V 1-Phase | |

Specifications subject to change without notice.

- ◆ Perfect for swaging, expanding, flanging, reducing and ball joints
- ◆ 1-1/2" to 3" OD capacity
- ◆ All tooling included
- ◆ Portable
- ◆ 5 HP motor
- ◆ 220V single phase



Above: tooling ships with machine

Exhaust Bender – EB-300

| Product Number | Product Description | Quantity |
|------------------------|--|----------|
| EB300-4001 | 1-1/2" Round Tube Die, 3" Radius | 1 |
| EB300-4002 | 1-3/4" Round Tube Die, 3" Radius | 1 |
| EB300-4003 | 2" Round Tube Die, 4" Radius | 1 |
| EB300-4004 | 2-1/4" Round Tube Die, 4" Radius | 1 |
| EB300-4005 | 2-1/2" Round Tube Die, 5" Radius | 1 |
| EB300-4006 | 2-1/4" Round Tube Die, 5" Radius | 1 |
| EB300-4007 | 3" Round Tube Die, 5" Radius | 1 |
| EB300-4008 | 2" Round Tube Die, 5" Radius | 1 |
| EB300-Die Pins | Die Alignment Pins | 38 |
| EB300-Half Shoe Spacer | Spacer for Half Bending Shoes | 1 |
| EB300-Full Shoe Spacer | Spacer for Full Length Bending Shoes | 2 |
| EB300-4009 | 1-1/2" Round Tube Full Length Bending Shoe | 2 |
| EB300-4010 | 1-3/4" Round Tube Full Length Bending Shoe | 2 |
| EB300-4011 | 2" Round Tube Full Length Bending Shoe | 2 |
| EB300-4012 | 2-1/4" Round Tube Full Length Bending Shoe | 2 |
| EB300-4013 | 2-1/2" Round Tube Full Length Bending Shoe | 2 |
| EB300-4014 | 3" Round Tube Full Length Bending Shoe | 2 |
| EB300-4015 | 2-1/4" Round Tube Half Length Bending Shoe | 1 |
| EB300-4016 | 2-1/2" Round Tube Half Length Bending Shoe | 1 |
| EB300-4017 | 1-1/2" Round Tube Half Length Bending Shoe | 2 |
| EB300-4018 | 1-3/4" Round Tube Half Length Bending Shoe | 2 |
| EB300-4019 | 2" Round Tube Half Length Bending Shoe | 2 |
| EB300-4020 | Expander Tip for 1-1/2" to 1-3/4" | 1 |
| EB300-4021 | Expander Tip for 1-3/4" to 3-1/2" | 1 |
| EB300-4022 | Die Holder | 1 |
| EB300-4025 | Pipe Flanger 1-1/2" to 3" | 1 |
| EB300-4026 | Expander Arbor for 1-3/8" to 3-1/2" | 1 |
| EB300-4027 | 2-1/2" Round Tube Clamp Collet (2 Halves) | 1 |
| EB300-4028 | 2-1/4" Round Tube Clamp Collet (2 Halves) | 1 |
| EB300-4029 | 1-1/2" Round Tube Clamp Collet (2 Halves) | 1 |
| EB300-4030 | 2" Round Tube Clamp Collet (2 Halves) | 1 |
| EB300-4031 | 1-3/4" Round Tube Clamp Collet (2 Halves) | 1 |
| EB300-4032 | Segment Expander 1-3/4" to 2-1/8" (Red) | 1 |
| EB300-4033 | Segment Expander 2-1/8" to 2-1/2" (Black) | 1 |
| EB300-4034 | Segment Expander 2-1/2" to 3" (Green) | 1 |
| EB300-4035 | 1-1/2" Swage Die | 1 |
| EB300-4036 | 1-3/4" Swage Die | 1 |
| EB300-4037 | 1-1/2" Male Ball Die, 2" Swage | 1 |
| EB300-4038 | 2" Male Ball Die, 2-1/4" Swage | 1 |
| EB300-4039 | 2-1/4" Male Ball Die, 2-1/2" Swage | 1 |
| EB300-4040 | 2-1/2" Male Ball Die, 2-3/4" Swage | 1 |
| EB300-4041 | Female Ball Die, 1-3/4" to 2" | 1 |
| EB300-4042 | Female Ball Die, 2-1/4" to 2-1/2" | 1 |
| EB300-4043 | Domer Die 1-3/4" to 2-1/2" | 1 |
| EB300-4044 | Domer Die 2-5/8" to 2-3/4" | 1 |

Specifications subject to change without notice.

The EB-300 exhaust bender is a powerful machine that comes with standard radius tooling for up to 3" OD. This machine is a compression exhaust pipe bender as it uses one large hydraulic ram to push the inside radius die into the compression assisted outside counter dies. The outside dies have two hydraulic cylinders that applies pressure at the point of bend on the inside radius die. The end result is that the machine can bend light gauge tubing without folding the material in half. The EB-300 also comes with an end former with tooling to expand, flare, and swage the tubing. It also allows the operator to create ball joints and flanges.



- ◆ Includes quick start tooling package
- ◆ Bending capability through 3" OD
- ◆ Bend to 180° on a 5" radius
- ◆ Swaging and expanding box included
- ◆ Quick-change dies
- ◆ Color-coded dies
- ◆ Convenient tooling storage tray
- ◆ Knee control of ram die
- ◆ Integrated degree dial
- ◆ Heavy-duty 4 HP motor
- ◆ 220 volt single phase, 60-cycle



Above: tooling ships with machine



Conduit Bender – ECB-2000



| Specifications –ECB-2000 | | |
|--------------------------|--|-----------------------------|
| Bending Capacity | 1/2" –2" EMT/Rigid and 1/2" – 1-1/2" IMC conduit | |
| Power | 110V | 240V 1-Phase 50hz |
| Shipping Weight | 275 lbs | 125 kgs |
| Shipping Dimensions | 60" x 44" x 68" | 1550 mm x 1120 mm x 1730 mm |

Note: The ECB-2000 is designed to bend IMC, Ridged and EMT conduit only, bending other type of tube and pipe will void warranty.

Specifications subject to change without notice.

- ◆ Includes tooling for 1/2" - 2" EMT/Rigid
- ◆ Includes on site job box for tooling
- ◆ Portable
- ◆ Can operate horizontal and vertical
- ◆ Hand held pendant to control bend functions



Mandrel Tube Benders – HMB-1125M

SPECIFICATIONS – HMB-1125M

| Capacities Round (OD) | | |
|-----------------------|----------------|---------------------|
| Mild Steel | 1.125" x .065" | 28.575 mm x 1.65 mm |
| Stainless Steel | 1.0" x .065" | 25.4 mm x 1.65 mm |
| Max. CLR | 4" | 101.6 mm |
| Min. CLR | 0.75" | 19.05 mm |
| Max. Bend Angle | 200 degrees | |
| Bend Direction | CW | |
| Mandrel Rod Size | 0.625 | 15.875 mm |
| Index Table Length | 48" | 1220 mm |
| Bend Ratio | 5:01 | |
| Voltage | Manual | |
| Weight (Lbs.) | 500 | 1100 kgs. |
| Length | 72.00" | 1829 mm |
| Width | 44.00" | 1120 mm |
| Height | 68.00" | 1728 mm |

Specifications subject to change without notice.

- ◆ Unique manually operated mandrel bender
- ◆ 1-1/8" round tube capacity
- ◆ 48" extension table
- ◆ 5:1 drive ratio to make bending easier
- ◆ Integrated one way bearing on pull handle for ease of use
- ◆ Fast tooling return
- ◆ Many tooling options



Mandrel Tube Benders – MB-350

The MB-350 Mandrel Bender is the perfect machine for bending tight radii (down to 1-1/2 times the OD) of round tube and pipe, as well as square tubing.

- ◆ Computer programmable
- ◆ Easy to use touch screen controls
- ◆ Programmer holds 140 Jobs with 10 bends per job
- ◆ Fast, 16-seconds to 180 degrees
- ◆ 10 foot extraction table
- ◆ Rotary positioning carriage with 4 manual stops

- ◆ Round mild steel – 3" OD x .120" wall (76 mm x 3 mm)
- ◆ Round aluminum – 3" OD x .188" wall (76 mm x 5 mm)
- ◆ Round stainless – 3" OD x .065" wall (76 mm x 1.6 mm)
- ◆ Square mild steel – 2" x 2" x .188" (50 mm x 50 mm x 5 mm)
- ◆ Solid bar mild steel – 1.181" OD (30 mm)

| SPECIFICATIONS – MB-350 | | |
|------------------------------|---------------------------|----------------------|
| Capacities Round (OD) | | |
| Mild Steel | 3.0" x .120" | 76 mm x 3 mm |
| Stainless Steel | 3.0" x .065" wall | 76 mm x 1.6 mm |
| Square Tube (SS & MS) | 2.0" x 2.0" x .120" wall | 50 mm x 50 mm x 3 mm |
| Min. Practical Material Data | 1" | 25 mm |
| Max CLR | 9" | 229 mm |
| Min. CLR | 1.5 x dia. | |
| Bend Direction | Clockwise | |
| Max. Bend Angle | 200 degrees | |
| Max. Bend Speed | 180 degrees in 16 seconds | |
| Bending HP | 4 hp | |
| Hydraulic HP | 5 hp | |
| Max. Hydraulic Pressure | 3000 psi. | |
| Voltage | 230V, 60 hz, 3-phase | |
| Weight | 4,000 lbs. | 1819 kgs. |
| Mandrel Rod Size | 1" dia. x 1" – 8 thread | |
| Index Table Length | 10 ft. | 3048 mm |
| Index Chuck Thru Hole | 2.4" | 61 mm |

Specifications subject to change without notice.



Shown with Optional Tooling



Mandrel Tube Benders – MB-4x2

| Specifications – MB-4x2 | | |
|-------------------------------|---|-----------------------------|
| Working Table Size | Depends on length chosen – 10' and 20' tables available | |
| Bend Capacity Square | 3" x 3" x 11 ga. | 76 mm x 75 mm x 2.8 mm |
| Degree of Bend (Max.) | 100° | |
| Rectangle Capacity (Hard Way) | 2" x 4" x 11 ga. | 50 mm x 101 mm x 2.8 mm |
| Bend Direction | Clockwise | |
| Maximum Bend Speed | 90° in 5 Seconds | |
| Maximum Clr | 12" | 305 mm |
| Maximum Hydraulic Pressure | 3000 psi | |
| Hydraulic Motor | 5 hp | |
| Power | 220V 3-Phase | 415V 3-Phase 50hz |
| Shipping Weight | 275 lbs | 125 kgs |
| Shipping Dimensions | 60" x 44" x 68" | 1550 mm x 1120 mm x 1730 mm |

Note: Must purchase appropriate table in order for machine to function properly!

Specifications subject to change without notice.

Are you sick of outsourcing your square and rectangle mandrel bends? Are you tired of waiting up to 16 weeks for your frame rails? Do you want more control of your own quality, inventory and lead times?

The MB-4X2 has revolutionized the square and rectangle mandrel bending market by providing an American Made bending solution at an affordable price. Geared towards the automotive frame rail market, this compact mandrel bender is a fraction of the size and cost of traditional bending solutions.

- ◆ Capable of bending to 100°
- ◆ Many tooling options capable of bending rectangle the hard way, and easy way, square and round materials, this tube bender is about as versatile as it gets.
- ◆ A full size color touchscreen allows easy programming and endless memory via external USB. Once programmed, the auto sequencing hydraulics eliminate any chance of human error.
- ◆ Early mandrel retraction ensures a smooth bend every time and the encoder based auto-stop is extremely accurate at a speed of 5-10 second @ 90 degrees.
- ◆ An endless tooling library and several table length options, the bender can be customized and engineered around your bending needs.
- ◆ 220V 3-phase



Mandrel Tube Benders – MB-4x2



Mandrel Benders

Baileigh Industrial offers an extensive line of Manual, NC, and full CNC Mandrel Benders. The ability to bend down to an incredible ½-D bend radius makes these units perfect for almost any application including aeronautics, marine, automotive, and exhaust bending.

The NC type mandrel tubing benders feature password protected, easy to use numeric programmers in conjunction with mechanical bend positioning stops to ensure fast

and accurate results down to .1 degree. Standard features include hydraulic clamping and production parts counter. Plane of bend positioning is available on selected tube bending units. Baileigh's line of CNC mandrel tubing benders include all of the great features of our NC tube benders with the addition of unlimited programming capabilities through our easy to operate, interactive touch screen control. 3-D simulation of finished parts makes both

prototype and production work easy with these mandrel benders.

Every Baileigh Industrial mandrel tubing bender incorporates a robust, extremely rigid frame for increased accuracy over competitive machines. Accuracy is achievable down to an incredible .1 degree on all Baileigh mandrel tube bending machines. Models range in capacity up to 14" OD (round), as well as square and rectangular tube bending.



MB-35CNC-R



MB-80CNC with Booster

Mandrel Benders



MB-90CNC



MB-120CNC



MB-220CNC



MC-60CNC



MBE-80CNC

Roll Benders – R-M3 / R-M5

SPECIFICATIONS – R-M3

| Capacities | | |
|---------------------------------|---------------|--------------------------|
| Solid Round | .25" | 6.35 mm |
| Flat Bar | 1" x .1875" | 25.4 mm x 4.763 mm |
| Minimum Diameter | 3" | 76.2 mm |
| Handle Length | 13.5" | 343 mm |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 15" x 7" x 8" | 381 mm x 178 mm x 203 mm |
| Shipping Weight | 18 lbs. | 8 kgs. |

Specifications subject to change without notice.



R-M3



R-M5

- ◆ Small compact and portable
- ◆ 3 driven rolls
- ◆ Manually powered
- ◆ Includes tooling for flat bar, 1/4" and 1/2" round
- ◆ Perfect for doing small circles
- ◆ Includes heavy duty stand
- ◆ Optional tooling sets for round stock available

SPECIFICATIONS – R-M5

| Capacities | | |
|-------------------------------------|-----------------|---------------------------|
| Solid Round (with optional tooling) | .5" | 12.7 mm |
| Flat Bar | 1" x .187" | 25.4 mm x 4.75 mm |
| Minimum Diameter | 2.75" | 70 mm |
| Handle Length | 9" | 229 mm |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 30" x 40" x 18" | 762 mm x 1016 mm x 458 mm |
| Shipping Weight | 85 lbs. | 38 kgs. |

Specifications subject to change without notice.

OPTIONAL TOOLING

| SKU | Description |
|---------------------|--------------------------------|
| Tube Tooling | |
| 1007593 | 1/4" Round Tube Rolls for R-M5 |
| 1010069 | 3/8" Round Tube Rolls for R-M5 |
| 1007577 | 1/2" Round Tube Rolls for R-M5 |

Roll Benders – R-M7



The R-M7's small size makes it highly portable and versatile. Although not for rolling circles, it makes quick work of large radius bends.

- ◆ Manual adjustment of top roll
- ◆ Manually powered
- ◆ Portable
- ◆ Includes 1-1/2" OD tooling
- ◆ Quick change lower rolls
- ◆ Excellent for ornamental applications, not intended for circles
- ◆ Many optional tooling sets available

SPECIFICATIONS – R-M7

| Capacity | Size | Min. Radius |
|-----------------------|---------------------|----------------|
| Pipe | 1.5" / 48 mm | 20" / 508 mm |
| Round Tube | 2" / 50 mm | 60" / 1,524 mm |
| Square Tube | 2" / 50 mm | 70" / 1,778 mm |
| Rectangle Tube | 1 x 2" / 25 x 50 mm | 10" / 254 mm |
| Flat Bar | | |
| Easy Way | 1.25" / 32 mm | 10" / 254 mm |
| Roll Adjustment | Manual | |
| Pinch | Single | |
| Shaft Center Distance | Adj. (lower rolls) | |
| Driven Rolls | 1 | |
| Speeds | n/a | |
| Motor | n/a | |
| Power Requirement | Manual | |
| Shipping Weight | 75 lbs. / 34 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

OPTIONAL TOOLING

| SKU | Description |
|-----------------------|--|
| Pipe Tooling | |
| 1007463 | 1/4" Round Pipe (0.54"OD) Rolls for R-M7 |
| 1007464 | 3/8" Round Pipe (0.675"OD) Rolls for R-M7 |
| 1007465 | 1/2" Round Pipe (0.84"OD) Rolls for R-M7 |
| 1007466 | 3/4" Round Pipe (1.05"OD) Rolls for R-M7 |
| 1007467 | 1" Round Pipe (1.315"OD) Rolls for R-M7 |
| 1007468 | 1-1/4" Round Pipe (1.66"OD) Rolls for R-M7 |
| 1007469 | 1-1/2" Round Pipe (1.90"OD) Rolls for R-M7 |
| Tube Tooling | |
| 1007594 | 1/2" Round Tube Rolls for R-M7 |
| 1007595 | 5/8" Round Tube Rolls for R-M7 |
| 1007596 | 3/4" Round Tube Rolls for R-M7 |
| 1007597 | 7/8" Round Tube Rolls for R-M7 |
| 1007598 | 1" Round Tube Rolls for R-M7 |
| 1007599 | 1-1/8" Round Tube Rolls for R-M7 |
| 1007600 | 1-1/4" Round Tube Rolls for R-M7 |
| 1007601 | 1-3/8" Round Tube Rolls for R-M7 |
| 1007602 | 1-1/2" Round Tube Rolls for R-M7 |
| 1007603 | 1-5/8" Round Tube Rolls for R-M7 |
| 1007604 | 1-3/4" Round Tube Rolls for R-M7 |
| 1007605 | 2" Round Tube Rolls for R-M7 |
| Square Tooling | |
| 1007685 | 1/4" Square Tube Rolls for R-M7 |
| 1007678 | 1/2" Square Tube Rolls for R-M7 |
| 1007679 | 3/4" Square Tube Rolls for R-M7 |
| 1007680 | 1" Square Tube Rolls for R-M7 |
| 1007681 | 1-1/4" Square Tube Rolls for R-M7 |
| 1007682 | 1-1/2" Square Tube Rolls for R-M7 |
| 1007683 | 1-3/4" Square Tube Rolls for R-M7 |
| 1007684 | 2" Square Tube Rolls for R-M7 |

Roll Benders – R-M10 / R-M10E

| SPECIFICATIONS – R-M10 / R-M10E | | |
|---------------------------------|--|-----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 1" (sch. 40) / 33 (3) mm | 28" / 711 mm |
| Round Tube | 1.25" (.078") / 32 (2) mm | 31.5" / 800 mm |
| Square Tube | 1.2" (.078") / 30 (2) mm | 35" / 889 mm |
| Angle Iron | 1.25" (.157") / 32 (40) mm | 30" / 762 mm |
| Solid Square | .75" / 19 mm | 20" / 508 mm |
| Solid Round | .875" / 22 mm | 20" / 508 mm |
| Flat Bar | | |
| Easy Way | 2" / 50 mm | 15.75" / 400 mm |
| Hard Way | 1.18" x .39" / 30mm x 9.9mm | 19.685" / 500mm |
| Roll Adjustment | Manual | |
| Pinch | Single | |
| Shaft Diameter | 1.181" / 30 mm | |
| Roll Diameter | | |
| Upper | 3.86" / 98 mm | |
| Lower | 4.65" / 115 mm | |
| Shaft Center Distance | 6.7" / 170 mm (lower rolls) | |
| Driven Rolls | 2" / 50 mm | |
| Speeds | n/a | |
| Motor (R-M10) | n/a | |
| Motor (R-M10E) | 2 hp | |
| Power Req. (R-M10) | Manual | |
| Power Req. (R-M10E) | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" / 1,524 x 1,118 x 1,727 mm | |
| Shipping Wgt. (R-M10) | 435 lbs. / 197 kgs. | |
| Shipping Wgt. (R-M10E) | 600 lbs. / 275 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel.
Specifications subject to change without notice.

The R-M10 roller has a powerful manual drive system that allows for complete rings.

- ◆ Manual adjustment of top roll
- ◆ Manually powered
- ◆ Great for doing complete circles
- ◆ Hardened standard tooling for long life
- ◆ A wide array of optional tooling sets are available



R-M10



R-M10E

| OPTIONAL TOOLING | |
|-----------------------|--|
| SKU | Description |
| Pipe Tooling | |
| 1007433 | 1/2" (21.33mm) Steel Pipe Rolls for R-M10 |
| 1007434 | 3/4" (26.67mm) Steel Pipe Rolls for R-M10 |
| 1007435 | 1" (33.4mm) Steel Round Pipe Rolls For R-M10 |
| 1007436 | 1-1/4" (42.16mm) Steel Pipe Rolls for R-M10 |
| 1007437 | 1-1/2" (48.26MM) Steel Pipe Rolls for R-M10 |
| Tube Tooling | |
| 1007534 | 3/8" (9.525 mm) Steel Round Tube Rolls for M-10 |
| 1007522 | 1/2" (12.7mm) Steel Round Tube Rolls for M-10 |
| 1007523 | 5/8" (15.875mm) Steel Round Tube Rolls for a R-M10 |
| 1007524 | 3/4" (19.05mm) Steel Round Tube Rolls for a R-M10 |
| 1007526 | 7/8" (22.22 mm) Steel Round Tube Rolls for a R-M10 |
| 1007527 | 1" (25.4mm) Steel Round Tube Rolls for a R-M10 |
| 1007528 | 1-1/8" (28.575mm) Steel Round Tube Rolls for a R-M10 |
| 1007529 | 1-1/4" (31.75mm) Steel Round Tube Rolls for a R-M10 |
| 1007530 | 1-3/8" (34.92mm) Steel Round Tube Rolls for a R-M10 |
| 1007531 | 1-1/2" (38.1mm) Steel Round Tube Rolls for a R-M10 |
| 1007532 | 1-3/4" (44.45mm) Steel Round Tube Rolls for a R-M10 |
| Square Tooling | |
| 1007652 | 3/4" (19.05mm) Steel Square Tube Rolls for a M-10. |
| 1007653 | 1" (25.4mm) Steel Square Tube Rolls for a M-10. |
| 1007654 | 1-1/2" (38.1mm) Steel Square Tube Rolls for a M-10. |

- ◆ Manual adjustment of top roll
- ◆ 2 hp motor
- ◆ Great for doing complete circles
- ◆ Hardened tooling for long life
- ◆ Optional tooling available

Roll Benders – R-M20



- ◆ Heavy duty steel frame
- ◆ Ground and heat treated shafts
- ◆ Foot pedal operation
- ◆ Emergency stop
- ◆ Digital display for top roll
- ◆ Gear driven
- ◆ 110V or 220V 3-phase available
- ◆ Stand included
- ◆ Includes smooth and knurled 1" tube rolls
- ◆ Many optional tooling sets available

| SPECIFICATIONS – R-M20 | | |
|---------------------------------|--|---------------|
| Capacity | Size | Min. Dia. |
| Pipe | .5" (sch. 40) / 12.7 (3.6) mm | 14" / 355 mm |
| Round Tube | 1" (.0625") / 25.4 (1.58) mm | 16" / 405 mm |
| Square Tube | .75" (.0625") / 19.05 (1.58) mm | 12" / 305 mm |
| Angle Iron | .75" (.125") / 19.05 (3.175) mm | 10" / 254 mm |
| Solid Square | .5" / 12.7 mm | 6" / 152.4 mm |
| Solid Round | .5" / 12.7 mm | 5" / 127 mm |
| Flat Bar | | |
| Easy Way | 1.75" / 44.45 mm | 12" / 305 mm |
| Hard Way | 1" (.250") / 25.4 (6.35) mm | 8" / 203 mm |
| Roll Adjustment | Manual | |
| Pinch | Single | |
| Shaft Diameter | .78" / 20 mm | |
| Roll Diameter | | |
| Upper | 3.38" / 85.8 mm | |
| Lower | 3.38" / 85.8 mm | |
| Driven Rolls | 2 | |
| Speeds | 14.5 rpm. | |
| Motor | 1 hp. (110V) 3 hp. (220V) | |
| Power Requirement | 110V and 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" / 1,524 x 1,118 x 1,727 mm | |
| Shipping Weight | 300 lbs. / 137 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

| OPTIONAL TOOLING | |
|-----------------------|--|
| SKU | Description |
| Pipe Tooling | |
| 1007438 | 1/2" (21.336mm) Steel Round Pipe Rolls for a R-M20 |
| Tube Tooling | |
| 1011152 | 1/4" (6.35mm) Steel Round Tube Rolls for a R-M20 |
| 1011151 | 3/8" (9.525mm) Steel Round Tube Rolls for a R-M20 |
| 1007535 | 1/2" (12.7mm) Steel Round Tube Rolls for a R-M20 |
| 1007536 | 3/4" (19.05mm) Steel Round Tube Rolls for a R-M20 |
| 1007537 | 1" (25.4mm) Steel Round Tube Rolls for a R-M20 |
| Square Tooling | |
| 1007655 | 3/4" (19.05mm) Square Steel Rolls for R-M20 |

Roll Benders – R-M40

| SPECIFICATIONS – R-M40 | | |
|---------------------------------|--|-----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 1.5" (sch. 40) / 48 (3.6) mm | 28" / 711 mm |
| Round Tube | 2" (.078") / 50 (2) mm | 27.55" / 700 mm |
| Square Tube | 1.5" (.083") / 38 (2.1) mm | 39" / 991 mm |
| Angle Iron | 1.5" (.1875") / 38 (4.7) mm | 22" / 558 mm |
| Solid Square | 1.25" / 32 mm | 20" / 508 mm |
| Solid Round | 1.375" / 35 mm | 24" / 610 mm |
| Flat Bar | | |
| Easy Way | 3" (.5") / 76 (13) mm | 15.75" / 400 mm |
| Hard Way | 2.25" (.375") / 57 (9.5) mm | 20" / 508 mm |
| Roll Adjustment | Manual | |
| Pinch | Single | |
| Shaft Diameter | 1.181" / 30 mm | |
| Roll Diameter | | |
| Upper | 5.118" / 130 mm | |
| Lower | 5.118" / 130 mm | |
| Shaft Center Distance | 10.88" / 276 mm (lower rolls) | |
| Driven Rolls | 2 | |
| Speeds | 10.6 – 21.2 rpm. (variable) | |
| Motor | 1.5 hp. | |
| Power Requirement | 220V – 1-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" / 1,524 x 1,118 x 1,727 mm | |
| Shipping Weight | 560 lbs. / 254 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ Manual adjustment of top roll via ratchet
- ◆ Inverter driven
- ◆ Variable speed
- ◆ Overload protected
- ◆ Includes segmented hardened standard rolls
- ◆ Head tilts for vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Many optional tooling sets available

The R-M40 metal ring roller is perfect for rolling various sections such as hoops, coils of tubing, stair railing pipe, and much more.



| OPTIONAL TOOLING | |
|-----------------------|--|
| SKU | Description |
| Pipe Tooling | |
| 1007445 | 1/2" (12.7mm) Steel Pipe Rolls for R-M40 |
| 1007446 | 3/4" (26.67mm) Steel Pipe Rolls for R-M40 |
| 1007447 | 1" (33.4mm) Steel Pipe Rolls For R-M40 |
| 1007448 | 1-1/4" (42.16mm) Steel Pipe Rolls for R-M40 |
| 1007449 | 1-1/2" (48.26MM) Steel Pipe Rolls for R-M40 |
| Tube Tooling | |
| 1007552 | 1/2" (12.7mm) Steel Round Tube Rolls for R-M40 |
| 1007553 | 5/8" (15.875mm) Steel Round Tube Rolls for R-M40 |
| 1007554 | 3/4" (19.05mm) Steel Round Tube Rolls for R-M40 |
| 1007555 | 7/8" (22.22 mm) Steel Round Tube Rolls for R-M40 |
| 1007556 | 1" (25.4mm) Steel Round Tube Rolls for R-M40 |
| 1007557 | 1-1/8" (28.575mm) Steel Round Tube Rolls For R-M40 |
| 1007558 | 1-1/4" (31.75mm) Steel Round Tube Rolls for R-M40 |
| 1007559 | 1-3/8" (34.925mm) Steel Round Tube Rolls for R-M40 |
| 1007560 | 1-1/2" (38.1mm) Steel Round Tube Roll for R-M40 |
| 1007561 | 1-5/8" (41.275mm) Steel round Tube Rolls for R-M40 |
| 1007562 | 1-3/4" (44.45mm) Steel Round Tube Rolls for R-M40 |
| 1007563 | 2" (50.8mm) Steel Round Tube Rolls For R-M40 |
| Square Tooling | |
| 1007660 | 3/4" (19.05mm) Square Steel Rolls for R-M40 |
| 1007661 | 1" (25.4mm) Square Steel Rolls for R-M40 |
| 1007662 | 1-1/4" (31.75mm) Steel Square Rolls For a R-M40 |
| 1007663 | 1-1/2" (38.1mm) Steel Square Rolls For a R-M40 |
| 1007664 | 2" (50.8mm) Steel Square Tube Rolls for R-M40 |

Roll Benders – R-M55

| OPTIONAL TOOLING | |
|-----------------------|--|
| SKU | Description |
| Pipe Tooling | |
| 1007456 | 3/8" (17.145mm) Steel Round Pipe Rolls for R-M55 |
| 1007457 | 1/2" (21.34mm) Steel Round Pipe Rolls for R-M55 |
| 1007458 | 3/4" (26.67mm) Steel Round Pipe Rolls for R-M55 |
| 1007459 | 1" (33.4mm) Steel Round Pipe Rolls for R-M55 |
| 1007460 | 1-1/4" (42.16mm) Steel Round Pipe Rolls for R-M55 |
| 1007461 | 1-1/2" (48.26MM) Steel Round Pipe Roll for R-M55 |
| 1007462 | 2" (60.3mm) Steel Round Pipe Rolls for R-M55 |
| Tube Tooling | |
| 1007578 | 1/2" (12.7mm) Steel Round Tube Rolls for R-M55 |
| 1007579 | 5/8" (15.875mm) Steel Round Tube Rolls for R-M55 |
| 1007580 | 3/4" (19.05mm) Steel Round Tube Rolls for R-M55 |
| 1007581 | 7/8" (22.225mm) Steel Round Tube Rolls for R-M55 |
| 1007582 | 1" (25.4mm) Steel Round Tube Rolls for R-M55 |
| 1007584 | 1-1/4" (31.75mm) Steel Round Tube Rolls for R-M55 |
| 1007585 | 1-3/8" (34.925mm) Steel Round Tube Rolls for R-M55 |
| 1007586 | 1-1/2" (38.1mm) Steel Round Tube Rolls for R-M55 |
| 1007587 | 1-5/8" (41.275mm) Steel Round Tube Rolls for R-M55 |
| 1007588 | 1-3/4" (44.45mm) Steel Round Tube Rolls for R-M55 |
| 1007589 | 2" (50.8mm) Steel Round Tube Rolls for R-M55 |
| 1007590 | 2-1/4" (57.15mm) Steel Round Tube Rolls for R-M55 |
| 1007591 | 2-1/2" (63.5) Steel Round Tube Rolls for R-M55 |
| Square Tooling | |
| 1007673 | 1/2" (12.7mm) Steel Square Tube Rolls for R-M55 |
| 1007674 | 1" (25.4mm) Steel Square Tube Rolls for R-M55 |
| 1007675 | 1-1/4" (31.75mm) Steel Square Tube Rolls for R-M55 |
| 1007676 | 1-1/2" (38.1mm) Steel Square Tube Rolls for R-M55 |
| 1007677 | 2" (50.8mm) Steel Square Tube Rolls for R-M55 |



The R-M55 ring roll bender is a robustly built and powerful pipe roller capable of bending up to 2" Schedule 40 pipe.

| SPECIFICATIONS – R-M55 | | |
|---------------------------------|---|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 2" (sch. 40) / 60 (4) mm | 40" / 1,016 mm |
| Round Tube | 2.75" (.083") / 70 (2.1) mm | 60" / 1,524 mm |
| Square Tube | 2" (.083") / 50 (2.1) mm | 48" / 1,219 mm |
| Angle Iron | 2" (.250") / 50 (6.3) mm | 28" / 711 mm |
| Solid Square | 1.375" / 35 mm | 20" / 508 mm |
| Solid Round | 1.375" / 35 mm | 20" / 508 mm |
| Flat Bar | | |
| Easy Way | 4" (.5") / 101 (12.7) mm | 20" / 508 mm |
| Hard Way | 2.25" (.375") / 57 (9.5) mm | 20" / 508 mm |
| Roll Adjustment | Manual | |
| Pinch | Single | |
| Shaft Diameter | 1.968" / 50 mm | |
| Roll Diameter | | |
| Upper | 5.827" / 148 mm | |
| Lower | 5.827" / 148 mm | |
| Shaft Center Distance | 13.12" / 333 mm (lower rolls) | |
| Driven Rolls | 2 | |
| Digital Readout | n/a | |
| Speeds | 13.6 – 27.2 rpm. (variable) | |
| Motor | 1.5 hp. | |
| Power Requirement | 220V – 1-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" / 1524 x 1118 x 1727 mm | |
| Shipping Weight | 925 lbs. / 419 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ Manual adjustment of top roll
- ◆ Inverter driven
- ◆ Variable speed
- ◆ Overload protected
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Many optional tooling sets available

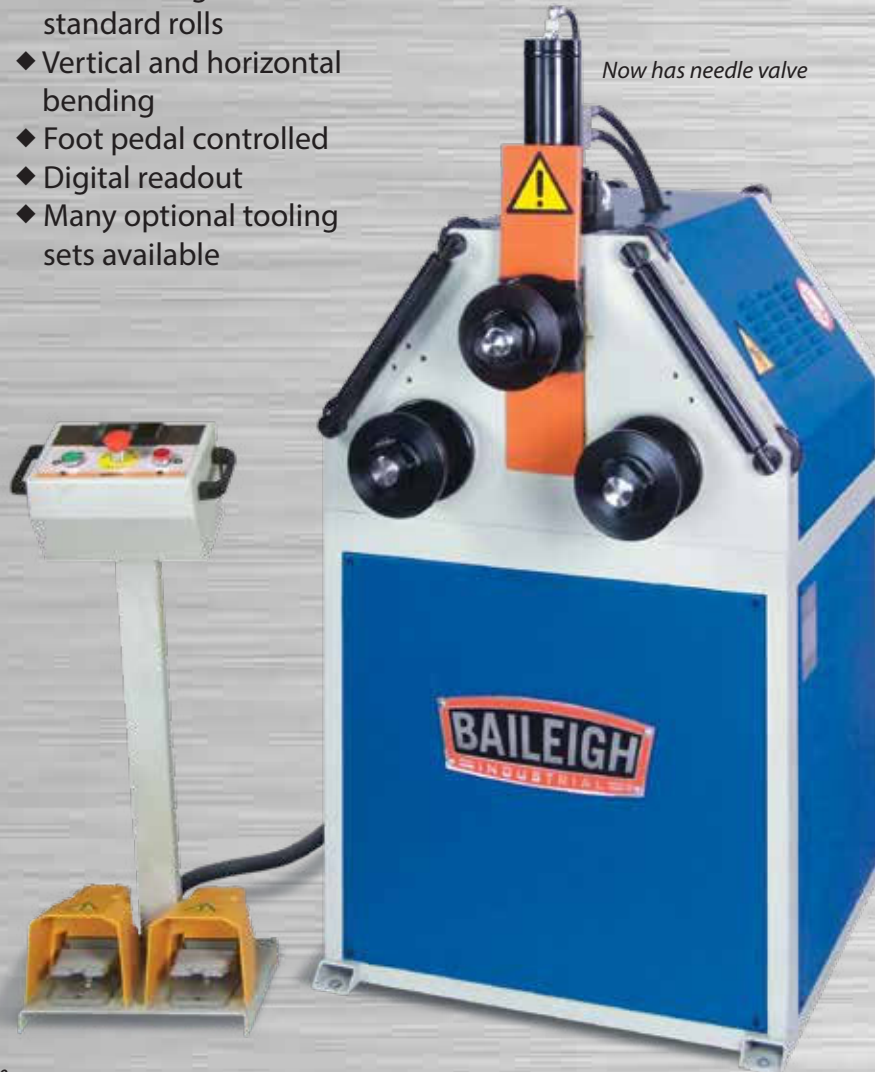
Roll Benders – R-M55H

| SPECIFICATIONS – R-M55H | | |
|---------------------------------|---|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 2" (sch. 40) / 60 (4) mm | 40" / 1,016 mm |
| Round Tube | 2.75" (.083") / 70 (2.1) mm | 60" / 1,524 mm |
| Square Tube | 2" (.083") / 50 (2.1) mm | 48" / 1,219 mm |
| Angle Iron | 2" (.250") / 50 (6.3) mm | 28" / 711 mm |
| Solid Square | 1.375" / 35 mm | 20" / 508 mm |
| Solid Round | 1.375" / 35 mm | 20" / 508 mm |
| Flat Bar | | |
| Easy Way | 4" (.5") / 101 (12.7) mm | 20" / 508 mm |
| Hard Way | 2.25" (.375") / 128.5 (9.5) mm | 20" / 508 mm |
| Roll Adjustment | Hydraulic | |
| Pinch | Single | |
| Shaft Diameter | 1.968" / 50 mm | |
| Roll Diameter | | |
| Upper | 5.827" / 148 mm | |
| Lower | 5.827" / 148 mm | |
| Shaft Center Distance | 13.12" / 333 mm (lower rolls) | |
| Driven Rolls | 2 | |
| Digital Readout | n/a | |
| Speeds | 13.6 – 27.2 rpm. (variable) | |
| Motor | 1.5 hp. | |
| Power Requirement | 220V – 1-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" / 1524 x 1118 x 1727 mm | |
| Shipping Weight | 1,000 lbs. / 453 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel. Specifications subject to change without notice.

Based on the popular R-M55, the R-M55H is perfect for the fabricator who wants a hydraulic top roll adjustment at an economical price.

- ◆ Hydraulic adjustment of top roll
- ◆ Inverter driven
- ◆ Variable speed
- ◆ Overload protected
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Many optional tooling sets available



| OPTIONAL TOOLING | |
|-----------------------|--|
| SKU | Description |
| Pipe Tooling | |
| 1007456 | 3/8" (17.145mm) Steel Round Pipe Rolls for R-M55 |
| 1007457 | 1/2" (21.34mm) Steel Round Pipe Rolls for R-M55 |
| 1007458 | 3/4" (26.67mm) Steel Round Pipe Rolls for R-M55 |
| 1007459 | 1" (33.4mm) Steel Round Pipe Rolls for R-M55 |
| 1007460 | 1-1/4" (42.16mm) Steel Round Pipe Rolls for R-M55 |
| 1007461 | 1-1/2" (48.26mm) Steel Round Pipe Roll for R-M55 |
| 1007462 | 2" (60.3mm) Steel Round Pipe Rolls for R-M55 |
| Tube Tooling | |
| 1007578 | 1/2" (12.7mm) Steel Round Tube Rolls for R-M55 |
| 1007579 | 5/8" (15.875mm) Steel Round Tube Rolls for R-M55 |
| 1007580 | 3/4" (19.05mm) Steel Round Tube Rolls for R-M55 |
| 1007581 | 7/8" (22.225mm) Steel Round Tube Rolls for R-M55 |
| 1007582 | 1" (25.4mm) Steel Round Tube Rolls for R-M55 |
| 1007584 | 1-1/4" (31.75mm) Steel Round Tube Rolls for R-M55 |
| 1007585 | 1-3/8" (34.925mm) Steel Round Tube Rolls for R-M55 |
| 1007586 | 1-1/2" (38.1mm) Steel Round Tube Rolls for R-M55 |
| 1007587 | 1-5/8" (41.275mm) Steel Round Tube Rolls for R-M55 |
| 1007588 | 1-3/4" (44.45mm) Steel Round Tube Rolls for R-M55 |
| 1007589 | 2" (50.8mm) Steel Round Tube Rolls for R-M55 |
| 1007590 | 2-1/4" (57.15mm) Steel Round Tube Rolls for R-M55 |
| 1007591 | 2-1/2" (63.5) Steel Round Tube Rolls for R-M55 |
| Square Tooling | |
| 1007673 | 1/2" (12.7mm) Steel Square Tube Rolls for R-M55 |
| 1007674 | 1" (25.4mm) Steel Square Tube Rolls for R-M55 |
| 1007675 | 1-1/4" (31.75mm) Steel Square Tube Rolls for R-M55 |
| 1007676 | 1-1/2" (38.1mm) Steel Square Tube Rolls for R-M55 |
| 1007677 | 2" (50.8mm) Steel Square Tube Rolls for R-M55 |

Roll Benders – R-H45

With three driven rolls, the R-H45 makes quick work of the hardest applications.

Now has needle valve

| OPTIONAL TOOLING | |
|-----------------------|--|
| SKU | Description |
| Pipe Tooling | |
| 1007395 | 3/4" (26.67mm) Steel Round Pipe Rolls for R-H45 |
| 1007396 | 1" (33.4mm) Steel Round Pipe Rolls for R-H45 |
| 1007397 | 1-1/4" (42.16mm) Steel Round Pipe Rolls for R-H45 |
| 1007398 | 1-1/2" (48.26mm) Steel Round Pipe Rolls for R-H45 |
| 1007399 | 2" (60.3mm) Steel Round Pipe Rolls for R-H45 |
| Tube Tooling | |
| 1007470 | 1/2" (12.7mm) Steel Round Tube Rolls for R-H45 |
| 1007471 | 3/4" (19.05mm) Steel Round Tube Rolls for R-H45 |
| 1007472 | 1" (25.4mm) Steel Round Tube Rolls for R-H45 |
| 1007473 | 1-1/4" (31.75mm) Steel Round Tube Rolls for R-H45 |
| 1007474 | 1-3/8" (34.925mm) Steel Round Tube Rolls for R-H45 |
| 1007475 | 1-1/2" (38.1mm) Steel Round Tube Rolls for R-H45 |
| 1007476 | 1-5/8" (41.275mm) Steel Round Tube Rolls for R-H45 |
| 1007477 | 1-3/4" (44.45mm) Steel Round Tube Rolls for R-H45 |
| 1007478 | 2" (50.8mm) Steel Round Tube Rolls for R-H45 |
| 1007479 | 2-1/4" (57.15mm) Steel Round Tube Rolls for R-H45 |
| 1007480 | 2-1/2" (63.5mm) Steel Round Tube Rolls for R-H45 |
| 1007481 | 2-3/4" (69.85mm) Steel Round Tube Rolls for R-H45 |
| Square Tooling | |
| 1007634 | 1" (25.4mm) Steel Square Tube Rolls for R-H45 |
| 1007635 | 1-1/4" (31.75mm) Steel Square Tube Rolls for R-H45 |
| 1007636 | 1-1/2" (38.1mm) Steel Square Tube Rolls for R-H45 |
| 1007637 | 1-3/4" (44.45mm) Steel Square Tube Rolls for R-H45 |
| 1007638 | 2" (50.8mm) Steel Square Tube Rolls for R-H45 |



| SPECIFICATIONS – R-H45 | | |
|---------------------------------|---|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 2" (sch. 40) / 60 (4) mm | 48" / 1,219 mm |
| Round Tube | 2.75" (.083") / 70 (2.1) mm | 60" / 1,524 mm |
| Square Tube | 2" (.120") / 50 (3) mm | 51" / 1,295 mm |
| Angle Iron | 2" (.250") / 50 (6.3) mm | 28" / 711 mm |
| Solid Square | 1.375" / 35 mm | 28" / 711 mm |
| Solid Round | 1.5" / 38 mm | 28" / 711 mm |
| Flat Bar | | |
| Easy Way | 4" (.75") / 101 (19) mm | 28" / 711 mm |
| Hard Way | 3.25" (.375") / 82.5 (9.5) mm | 28" / 711 mm |
| Roll Adjustment | Hydraulic | |
| Pinch | Single | |
| Shaft Diameter | 1.772" / 45 mm | |
| Roll Diameter | | |
| Upper | 5.827" / 148 mm | |
| Lower | 5.827" / 148 mm | |
| Shaft Center Distance | 9.562" / 242 mm (lower rolls) | |
| Driven Rolls | 3 | |
| Digital Readout | Yes | |
| Speed | 12 rpm. | |
| Motor | 3 hp. | |
| Power Requirement | 220V – 1-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" / 1524 x 1118 x 1727 mm | |
| Shipping Weight | 1,188 lbs. / 538 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ Three driven rolls
- ◆ Hydraulic adjustment of top roll
- ◆ Inverter driven
- ◆ Variable speed
- ◆ Overload protected
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Many optional tooling sets available

Roll Benders – R-H55

| SPECIFICATIONS – R-H55 | | |
|---------------------------------|---|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 2.5" (sch. 40) / 73 (5) mm | 40" / 1,016 mm |
| Round Tube | 2.75" (.118") / 70 (3) mm | 72" / 1,828 mm |
| Square Tube | 2.75" (.083") / 70 (2.1) mm | 54" / 1,371 mm |
| Angle Iron | 3" (.250") / 76 (6.3) mm | 36" / 914 mm |
| Solid Square | 1.75" / 44 mm | 28" / 711 mm |
| Solid Round | 2" / 50 mm | 28" / 711 mm |
| Flat Bar | | |
| Easy Way | 5" (.75") / 127 (19) mm | 28" / 711 mm |
| Hard Way | 3.5" (.675") / 89 (17) mm | 32" / 812 mm |
| Roll Adjustment | Hydraulic | |
| Pinch | Single | |
| Shaft Diameter | 2.165" / 55 mm | |
| Roll Diameter | | |
| Upper | 6.693" / 170 mm | |
| Lower | 6.693" / 170 mm | |
| Shaft Center Distance | 11.875" / 301 mm (lower rolls) | |
| Driven Rolls | 3 | |
| Digital Readout | Yes | |
| Speed | 11 rpm. | |
| Motor | 5 hp. | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" / 1524 x 1118 x 1727 mm | |
| Shipping Weight | 1,728 lbs. / 783 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ Three driven rolls
- ◆ Hydraulic adjustments of top roll
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Many optional tooling sets available

The R-H55 takes the R-H45 to the next level, with a huge 2-1/2" Schedule 40 capacity. It will handle even the toughest jobs.



Now has needle valve

| OPTIONAL TOOLING | |
|-----------------------|--|
| SKU | Description |
| Pipe Tooling | |
| 1007406 | 3/4" (26.67mm) Steel Round Pipe Rolls for R-H55 |
| 1007407 | 1" (33.4mm) Steel Round Pipe Rolls for R-H55 |
| 1007408 | 1-1/4" (42.16mm) Steel Round Pipe Rolls for R-H55 |
| 1007409 | 1-1/2" (48.26MM) Steel Round Pipe Rolls for R-H55 |
| 1007410 | 2" (60.3mm) Steel Round Pipe Rolls For R-H55 |
| 1007411 | 2-1/2" (73.025mm) Steel Round Pipe Rolls for R-H55 |
| 1007412 | 3" (88.9mm) Steel Round Pipe Rolls for R-H55 |
| Tube Tooling | |
| 1007492 | 1/2" (12.7mm) Steel Round Tube Rolls for R-H55 |
| 1007493 | 3/4" (19.05mm) Steel Round Tube Rolls for R-H55 |
| 1007494 | 1" (25.4mm) Steel Round Tube Rolls for R-H55 |
| 1007495 | 1-1/4" (31.75mm) Steel Round Tube Rolls for R-H55 |
| 1007496 | 1-3/8" (34.92mm) Steel Round Tube Rolls for R-H55 |
| 1007497 | 1-1/2" (38.1mm) Steel Round Tube Rolls for R-H55 |
| 1007498 | 1-5/8" (41.275mm) Steel Round Tube Roll for R-H55 |
| 1007499 | 1-3/4" (44.45mm) Steel Round Tube Roll for R-H55 |
| 1007500 | 2" (50.8mm) Steel Round Tube Rolls for R-H55 |
| 1007501 | 2-1/4" (57.15mm) Steel Round Tube Rolls for R-H55 |
| 1007502 | 2-1/2" (63.5mm) Steel Round Tube Rolls for R-H55 |
| 1009409 | 2-3/4" (70.025mm) Steel Round Tube Rolls for R-H55 |
| 1007503 | 3" (76.2mm) Steel Round Tube Rolls for R-H55 |
| Square Tooling | |
| 1007643 | 1/2" (12.7mm) Steel Square Tube Rolls for R-H55 |
| 1007644 | 3/4" (19.05mm) Steel Square Tube Rolls for R-H55 |
| 1007645 | 1" (25.4mm) Steel Square Tube Rolls for R-H55 |
| 1007646 | 1-1/2" (38.1mm) Steel Square Tube Rolls for R-H55 |
| 1007647 | 2" (50.8mm) Steel Square Tube Rolls for R-H55 |

Roll Benders – R-H65

- ◆ Three driven rolls
- ◆ Double pinch
- ◆ Overload protected
- ◆ Hydraulic drive
- ◆ Hydraulic guide rolls
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Many optional tooling sets available



| SPECIFICATIONS – R-H65 | | |
|---------------------------------|---|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 2" (sch. 40) / 60 (4) mm | 35" / 889 mm |
| Round Tube | 2.75" (.083") / 70 (2.16) mm | 56" / 1,422 mm |
| Square Tube | 2" (.120") / 51 (3) mm | 75" / 1,905 mm |
| Angle Iron | 2.0" (.250") / 51 (6.35) mm | 45" / 1,143 mm |
| Solid Square | 1.375" / 35 mm | 48" / 1,220 mm |
| Solid Round | 1.575" / 40 mm | 32" / 813 mm |
| Flat Bar | | |
| Easy Way | 4" (.75") / 101 (19) mm | 28" / 712 mm |
| Hard Way | 3.25" (.375") / 82.5 (9.5) mm | 83" / 2,108 mm |
| Roll Adjustment | Hydraulic | |
| Pinch | Double | |
| Shaft Diameter | 2.559" / 65 mm | |
| Roll Diameter | | |
| Upper | 7" / 178 mm | |
| Lower | 7" / 178 mm | |
| Driven Rolls | 3 | |
| Digital Readout | Yes | |
| Speed | 11.5 rpm. | |
| Motor | 6.5 hp. | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 40" x 50" x 55" / 1010 x 1290 x 1400 mm | |
| Shipping Weight | 2,442 lbs. / 1110 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

Call for available tooling – 920-482-3230

Roll Benders – R-M60-HD

| SPECIFICATIONS – R-M60-HD | |
|------------------------------|--------------------------------|
| Drive Type | Hydraulic |
| Driven Rolls | 3 |
| Roll Adjustment | Manual |
| Main Drive Motor | 5 Hp |
| Pipe Capacity | 2" (sch. 40) / Min. Dia.: 48" |
| Round Tube Capacity | 2.75" (.083") / Min. Dia.: 60" |
| Square Tube Capacity | 2" (.120") / Min. Dia.: 51" |
| Solid Round Capacity | 1.5" / Min. Dia. 28" |
| Flat Bar Easy Way | 4" (.75") / Min. Dia. 28" |
| Flat Bar Hard Way | 3.25" (.375") / Min. Dia.: 32" |
| Angle Iron Capacity | 2" (.250") / Min. Dia.: 36" |
| Shaft Diameter | 2.36" |
| Shaft Ctr. Dist. Lower Rolls | 9.562" |
| Lower Roll Dia. | 5.827" |
| Pinch | Single |
| Power | 220V Single Phase |
| Shipping Weight | 1,188 lbs. |
| Shipping Dimensions | 60" x 44" x 68" |

Specifications subject to change without notice.

Some applications may require optional tooling. Please contact a Technical Sales Specialist at Baileigh Industrial with specific application details.

- ◆ Made in USA
- ◆ 2" schedule 40 pipe capacity
- ◆ Three driven rolls
- ◆ Hydraulic drive
- ◆ Manual top roll with integrated ratchet
- ◆ Include segmented rolls
- ◆ Vertical and horizontal bending position
- ◆ Foot pedal controlled
- ◆ 220V single phase
- ◆ Many optional tooling sets available



Roll Benders – R-H60-HD



- ◆ Made in USA
- ◆ 2.5" schedule 40 pipe capacity
- ◆ Three driven rolls
- ◆ Hydraulic drive
- ◆ Hydraulic top roll
- ◆ Include segmented rolls
- ◆ Vertical and horizontal bending position
- ◆ Foot pedal controlled
- ◆ 220V single phase
- ◆ Many optional tooling sets available



| SPECIFICATIONS – R-H60-HD | |
|------------------------------|---------------------------------|
| Drive Type | Hydraulic |
| Motor Hp | 5 |
| Driven Rolls | 3 |
| Roll Adjustment | Hydraulic |
| Pipe Capacity | 2.5" (sch. 40) / Min. Dia.: 48" |
| Round Tube Capacity | 2.75" (.083") / Min. Dia.: 60" |
| Square Tube Capacity | 2" (.120") / Min. Dia.: 51" |
| Solid Round Capacity | 1.5" / Min. Dia. 28" |
| Flat Bar Easy Way | 4" (.75") / Min. Dia. 28" |
| Flat Bar Hard Way | 3.25" (.375") / Min. Dia.: 32" |
| Angle Iron Capacity | 2" (.250") / Min. Dia.: 36" |
| Shaft Diameter | 2.36" |
| Shaft Ctr. Dist. Lower Rolls | 9.562" |
| Lower Roll Dia. | 5.827" |
| Pinch | Single |
| Power 220V Single Phase | |
| Shipping Weight | 1,188 lbs. |
| Shipping Dimensions | (Inches) 60" x 44" x 68" |

Specifications subject to change without notice.

Some applications may require optional tooling. Please contact a Technical Sales Specialist at Baileigh Industrial with specific application details.



Roll Benders – R-H120E

| SPECIFICATIONS – R-H120E | | |
|---------------------------------|---|-----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 4.5" (sch. 40) / 127 (6) mm | 73" / 1,854 mm |
| Round Tube | 5.5" (.120") / 140 (3) mm | 118" / 2,997 mm |
| Square Tube | 4" (.196") / 101 (5) mm | 118" / 2,997 mm |
| Angle Iron | 4" (.393") / 101 (10) mm | 63" / 1,600 mm |
| Solid Square | 2.375" / 60 mm | 40" / 1,016 mm |
| Solid Round | 2.75" / 70 mm | 32" / 813 mm |
| Flat Bar | | |
| Easy Way | 7.875" (1.375") / 200 (35) mm | 40" / 1,016 mm |
| Hard Way | 4" (.984") / 101 (25) mm | 63" / 1,600 mm |
| Roll Adjustment | Hydraulic | |
| Pinch | Double | |
| Shaft Diameter | 3.937" / 100 mm | |
| Roll Diameter | | |
| Upper | 12.40" / 315 mm | |
| Lower | 12.40" / 315 mm | |
| Driven Rolls | 3 | |
| Digital Readout | Yes | |
| Speed | 5.5 rpm. | |
| Motor | 14.75 hp. | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 63" x 62" x 77" / 1600 x 1575 x 2083 mm | |
| Shipping Weight | 4,975 lbs. / 2257 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ 4.5" schedule 40 pipe capacity
- ◆ Economical
- ◆ Three driven rolls
- ◆ Double pinch
- ◆ Overload protected
- ◆ Hydraulic guide
- ◆ Manually adjustable lateral angle guides
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout with programmable stops
- ◆ Many optional tooling sets available



Roll Benders – R-H120

With its hydraulic angle tools and large capacity, the R-H120 is a real workhorse.

- ◆ Three driven rolls
- ◆ Double pinch
- ◆ Overload protected

- ◆ Hydraulic drive
- ◆ Hydraulic lateral angle guides
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Many optional tooling sets available



| SPECIFICATIONS – R-H120 | | |
|---------------------------------|---|-----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 4.5" (sch. 40) / 127 (6) mm | 73" / 1,854 mm |
| Round Tube | 5.5" (.120") / 140 (3) mm | 118" / 2,997 mm |
| Square Tube | 4" (.196") / 101 (5) mm | 118" / 2,997 mm |
| Angle Iron | 4" (.393") / 101 (10) mm | 63" / 1,600 mm |
| Solid Square | 2.375" / 60 mm | 40" / 1,016 mm |
| Solid Round | 2.75" / 70 mm | 32" / 813 mm |
| Flat Bar | | |
| Easy Way | 7.875" (1.375") / 200 (35) mm | 40" / 1,016 mm |
| Hard Way | 4" (.984") / 101 (25) mm | 63" / 1,600 mm |
| Roll Adjustment | Hydraulic | |
| Pinch | Double | |
| Shaft Diameter | 3.937" / 100 mm | |
| Roll Diameter | | |
| Upper | 12.40" / 315 mm | |
| Lower | 12.40" / 315 mm | |
| Driven Rolls | 3 | |
| Digital Readout | Yes | |
| Speed | 5.5 rpm. | |
| Motor | 14.75 hp. | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 63" x 62" x 77" / 1600 x 1575 x 2083 mm | |
| Shipping Weight | 4,975 lbs. / 2257 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

Call for available tooling – 920-482-3230

Roll Benders – R-H150

| SPECIFICATIONS – R-H150 | | |
|---------------------------------|---|-----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 5.5" (sch. 40) / 140 (5) mm | 73" / 1,854 mm |
| Round Tube | 6.250" (.125") / 159 (3) mm | 118" / 2,997 mm |
| Square Tube | 4" (.196") / 102 (5) mm | 118" / 2,997 mm |
| Angle Iron | 4.75" (.5") / 120 (6.3) mm | 60" / 1,524 mm |
| Solid Square | 3" / 76 mm | 32" / 813 mm |
| Solid Round | 3.375" / 86 mm | 36" / 914 mm |
| Flat Bar | | |
| Easy Way | 7.875" (2") / 200 (50) mm | 40" / 1,016 mm |
| Hard Way | 5.5" (1.125") / 139 (28) mm | 118" / 2,997 mm |
| Roll Adjustment | Hydraulic | |
| Pinch | Double | |
| Shaft Diameter | 4.724" / 120 mm | |
| Roll Diameter | | |
| Upper | 15.354" / 390 mm | |
| Lower | 15.354" / 390 mm | |
| Driven Rolls | 3 | |
| Digital Readout | Yes | |
| Speed | 3.25 rpm. | |
| Motor | 20 hp. | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 80" x 67" x 82" / 2032 x 1702 x 2083 mm | |
| Shipping Weight | 10,400 lbs. / 4742 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

The R-H150 has a massive capacity of 5-1/2" schedule 40. It can handle almost anything thrown its way.

- ◆ Three driven rolls
- ◆ Double pinch
- ◆ Overload protected
- ◆ Hydraulic drive
- ◆ Hydraulic lateral angle guides
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Integrated stiffening rods
- ◆ Many optional tooling sets available



Call for available tooling – 920-482-3230

Roll Benders – R-H170

- ◆ 3 hydraulically driven rolls
- ◆ Double pinch
- ◆ Automatic speed compensation (power not sacrificed)
- ◆ Hydraulic vertical guiding rolls up-down
- ◆ Hydraulic horizontal guiding rolls in-out
- ◆ Rotation rolls L.E.D. readouts
- ◆ Bending rolls L.E.D. readouts.
- ◆ Foot pedal control panel
- ◆ 3 hardened standard rolls
- ◆ Many optional tooling sets available
- ◆ CE certificate



| SPECIFICATIONS – R-H170 | | |
|---------------------------------|--|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 6" (sch. 40) / 152.4 (26.4) mm | 98" / 2489 mm |
| Solid Round Tube | 4" / 101 mm | 40" / 1016 mm |
| Square Tube | 4.7" (.315") / 120 (8) mm | 118" / 2997 mm |
| Angle Iron | 4.75" (.5") / 120 (12.7) mm | 60" / 1524 mm |
| Flat Bar | | |
| Easy Way | 9.75" (1.5") / 247 (38.1) mm | 40" / 1016 mm |
| Hard Way | 5.875" (1.375") / 150 (35) mm | 40" / 1016 mm |
| Roll Adjustment | Hydraulic | |
| Lower Roll Dia. | 15.354" / 390 mm | |
| Pinch | Double | |
| Digital Readout | Yes | |
| Horse Power | 20 hp. | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 94.5" x 146" x 69" / 2400 x 3708 x 1753 mm | |
| Shipping Weight | 19,000 lbs. / 8636 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

Roll Benders – R-H250

| SPECIFICATIONS – R-H250 | | |
|---------------------------------|--|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 8" (sch. 40) / 203 (6.35) mm | 98" / 2490 mm |
| Solid Round Tube | 5" / 127 mm | 62" / 1575 mm |
| Square Tube | 5.875" (.375") / 150 (9.5) mm | 118" / 2997 mm |
| Angle Iron | 5.875" (.375") / 150 (9.5) mm | 62" / 1575 mm |
| Flat Bar | | |
| Easy Way | 13.75" (1.96") / 349 (50) mm | 36" / 915 mm |
| Hard Way | 6.875" (1.5") / 174 (38) mm | 52" / 1320 mm |
| Shaft Dia. (Upper) | 9.84" / 250 mm | |
| Shaft Dia. (Lower) | 9.05" / 230 mm | |
| Roll Adjustment | Hydraulic | |
| Lower Roll Dia. | 15.354" / 390 mm | |
| Pinch | Double | |
| Digital Readout | Yes | |
| Horse Power | 40 hp. | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 94.5" x 146" x 69" / 2400 x 3708 x 1753 mm | |
| Shipping Weight | 34,000 lbs. / 15454 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ 3 hydraulically driven rolls
- ◆ Double pinch
- ◆ Automatic speed compensation (power not sacrificed)
- ◆ Hydraulic vertical guiding rolls up-down
- ◆ Hydraulic horizontal guiding rolls in-out
- ◆ Rotation rolls L.E.D. readouts
- ◆ Bending rolls L.E.D. readouts.
- ◆ Foot pedal control panel
- ◆ 3 hardened standard rolls
- ◆ Many optional tooling sets available
- ◆ CE certificate



Roll Benders – R-H400

- ◆ 3 hydraulically driven rolls
- ◆ Double pinch
- ◆ Automatic speed compensation (power not sacrificed)
- ◆ Hydraulic vertical guiding rolls up-down
- ◆ Hydraulic horizontal guiding rolls in-out
- ◆ Rotation rolls L.E.D. readouts
- ◆ Bending rolls L.E.D. readouts.
- ◆ Foot pedal control panel
- ◆ 3 hardened standard rolls
- ◆ Many optional tooling sets available
- ◆ CE certificate



| SPECIFICATIONS – R-H400 | | |
|----------------------------------|---|-------------------|
| Capacity | Size | Min. Dia. |
| Round Tube | 12.75" (.405) / 323 (10.2) mm | 165.35" / 4150 mm |
| Square Tube | 8.66" (.472") / 220 (12) mm | 197" / 5003 mm |
| Angle Iron | | |
| Easy Way | 7.875" (.75") / 200 (19) mm | 80" / 2023 mm |
| Hard Way | 7.875" (1.0") / 200 (25) mm | 80" / 2023 mm |
| Solid Square | 6" / 152.4 mm | 100" / 2540 mm |
| Solid Round | 6.256" / 168.3 mm | 72" / 1830 mm |
| Flat Bar | | |
| Easy Way | 17.50" (2.75") / 444.5 (70) mm | 60" / 1525 mm |
| Hard Way | 9.75" (2.36") / 247.65 (60) mm | 80" / 2023 mm |
| Roll Adjustment | Hydraulic | |
| Pinch | Double | |
| Shaft Dia. (Upper) | 12.20" / 310 mm | |
| Shaft Dia. (Lower) | 11.41" / 290 mm | |
| Roll Dia. | 20.4" / 520 mm | |
| Shaft Center Dist. (Lower Rolls) | Adjustable | |
| Driven Rolls | 3 | |
| Digital Readout | Yes (Rotation and Bending) | |
| Speeds | Variable 0–8 rpm. | |
| Motor | 85.8 hp. | |
| Power Requirement | 440V – 3-phase | |
| Shipping Dimensions (L x W x H) | 174" x 134" x 91" / 4420 x 3400 x 2300 mm | |
| Shipping Weight | 64,000 lbs. / 29100 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

Roll Benders – R-CNC45

| SPECIFICATIONS – R-CNC45 | | |
|---------------------------------|--|---------------|
| Capacity | Size | Min. Dia. |
| Pipe | 2" (sch. 40) / 58.42 (3) mm | 80" / 2032 mm |
| Solid Round Tube | 2.5" (.100") / 63.5 (2.5) mm | 60" / 1524 mm |
| Square Tube | 2" (.375") / 50 (9.5) mm | 85" / 2159 mm |
| Angle Iron | 2" (.196") / 50 (5) mm | 24" / 610 mm |
| Flat Bar | | |
| Easy Way | 3.5" (.5") / 89 (12.7) mm | 32" / 813 mm |
| Hard Way | 3.15" (.375") / 80 (9.5) mm | 32" / 813 mm |
| Shaft Dia. | 1.77" | 45 mm |
| Roll Adjustment | Hydraulic | |
| Motor | 5 hp | |
| Speed | 12 rpm | |
| Driven Rolls | 3 | |
| Pinch | Single with Interchangeable Bottom Rolls | |
| Control | CNC | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 48" x 30" x 58" / 1220 x 762 x 1475 mm | |
| Shipping Weight | 1,191 lbs. / 542 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ 2" schedule 40 pipe capacity
- ◆ Full CNC control
- ◆ Touch screen
- ◆ 40 programs 24 bends per program—standard
- ◆ Includes arc meter calibration device
- ◆ Three driven rolls
- ◆ Hydraulic top roll
- ◆ Single pinch
- ◆ Hardened tooling
- ◆ Many optional tooling sets available
- ◆ Perfect for variable radius bends



Shown with Optional Tooling

| OPTIONAL TOOLING | |
|-----------------------|--|
| SKU | Description |
| Pipe Tooling | |
| 1007395 | 3/4" (26.67mm) Steel Round Pipe Rolls for R-H45 |
| 1007396 | 1" (33.4mm) Steel Round Pipe Rolls for R-H45 |
| 1007397 | 1-1/4" (42.16mm) Steel Round Pipe Rolls for R-H45 |
| 1007398 | 1-1/2" (48.26MM) Steel Round Pipe Rolls for R-H45 |
| 1007399 | 2" (60.3mm) Steel Round Pipe Rolls for R-H45 |
| Tube Tooling | |
| 1007470 | 1/2" (12.7mm) Steel Round Tube Rolls for R-H45 |
| 1007471 | 3/4" (19.05mm) Steel Round Tube Rolls for R-H45 |
| 1007472 | 1" (25.4mm) Steel Round Tube Rolls for R-H45 |
| 1007473 | 1-1/4" (31.75) Steel Round Tube Rolls for R-H45 |
| 1007474 | 1-3/8" (34.925mm) Steel Round Tube Rolls for R-H45 |
| 1007475 | 1-1/2" (38.1mm) Steel Round Tube Rolls for R-H45 |
| 1007476 | 1-5/8" (41.275mm) Steel Round Tube Rolls for R-H45 |
| 1007477 | -3/4" (44.45mm) Steel Round Tube Rolls for R-H45 |
| 1007478 | 2" (50.8mm) Steel Round Tube Rolls for R-H45 |
| 1007479 | 2-1/4" (57.15mm) Steel Round Tube Rolls for R-H45 |
| 1007480 | 2-1/2" (63.5mm) Steel Round Tube Rolls for R-H45 |
| 1007481 | 2-3/4" (69.85mm) Steel Round Tube Rolls for R-H45 |
| Square Tooling | |
| 1007634 | 1" (25.4mm) Steel Square Tube Rolls for R-H45 |
| 1007635 | 1-1/4" (31.75mm) Steel Square Tube Rolls for R-H45 |
| 1007636 | 1-1/2" (38.1mm) Steel Square Tube Rolls for R-H45 |
| 1007637 | 1-3/4" (44.45mm) Steel Square Tube Rolls for R-H45 |
| 1007638 | 2" (50.8mm) Steel Square Tube Rolls for R-H45 |

Roll Benders – R-CNC55

| OPTIONAL TOOLING | |
|-----------------------|--|
| SKU | Description |
| Pipe Tooling | |
| 1007406 | 3/4" (26.67mm) Steel Round Pipe Rolls for R-H55 |
| 1007407 | 1" (33.4mm) Steel Round Pipe Rolls for R-H55 |
| 1007408 | 1-1/4" (42.16mm) Steel Round Pipe Rolls for R-H55 |
| 1007409 | 1-1/2" (48.26MM) Steel Round Pipe Rolls For R-H55 |
| 1007410 | 2" (60.3mm) Steel Round Pipe Rolls for R-H55 |
| 1007411 | 2-1/2" (73.025mm) Steel Round Pipe Rolls for R-H55 |
| 007412 | 3" (88.9mm) Steel Round Pipe Rolls for R-H55 |
| Tube Tooling | |
| 1007492 | 1/2" (12.7mm) Steel Round Tube Rolls for R-H55 |
| 1007493 | 3/4" (19.05mm) Steel Round Tube Rolls for R-H55 |
| 1007494 | 1" (25.4mm) Steel Round Tube Rolls for R-H55 |
| 1007495 | 1-1/4" (31.75mm) Steel Round Tube Rolls for R-H55 |
| 1007496 | 1-3/8" (34.92mm) Steel Round Tube Rolls for R-H55 |
| 1007497 | 1-1/2" (38.1mm) Steel Round Tube Rolls for R-H55 |
| 1007498 | 1-5/8" (41.275mm) Steel Round Tube Roll for R-H55 |
| 1007499 | 1-3/4" (44.45mm) Steel Round Tube Roll for R-H55 |
| 1007500 | 2" (50.8mm) Steel Round Tube Rolls for R-H55 |
| 1007501 | 2-1/4" (57.15mm) Steel Round Tube Rolls for R-H55 |
| 1007502 | 2-1/2" (63.5mm) Steel Round Tube Rolls for R-H55 |
| 1009409 | 2-3/4" (70.025mm) Steel Round Tube Rolls for R-H55 |
| 1007503 | 3" (76.2mm) Steel Round Tube Rolls for R-H55 |
| Square Tooling | |
| 1007643 | 1/2" (12.7mm) Steel Square Tube Rolls for R-H55 |
| 1007644 | 3/4" (19.05mm) Steel Square Tube Rolls for R-H55 |
| 1007645 | 1" (25.4mm) Steel Square Tube Rolls for R-H55 |
| 1007646 | 1-1/2" (38.1mm) Steel Square Tube Rolls for R-H55 |
| 1007647 | 2" (50.8mm) Steel Square Tube Rolls for R-H55 |

- ◆ 2.5" Schedule 40 pipe capacity
- ◆ Full CNC control
- ◆ Touch screen
- ◆ 40 programs 24 bends per program-standard
- ◆ Includes arc meter calibration device
- ◆ 7 hp
- ◆ Three driven rolls
- ◆ Hydraulic top roll
- ◆ Single pinch
- ◆ Hardened tooling
- ◆ Many optional tooling sets available
- ◆ Perfect for variable radius bends



| SPECIFICATIONS – R-CNC55 | | |
|---------------------------------|--|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 2.5" (sch. 40) / 73 (5) mm | 80" / 2032 mm |
| Solid Round Tube | 2.75" (.120") / 70 (3) mm | 59" / 1500 mm |
| Square Tube | 2.37" (.157") / 60 (4) mm | 100" / 2540 mm |
| Angle Iron | 2.36" (.236") / 60 (6) mm | 28" / 711 |
| Flat Bar | | |
| Easy Way | 4" (.75") / 101.6 (19) mm | 36" / 915 |
| Hard Way | 3.5" (.5") / 88.9 (12.7) mm | 40" / 1016 |
| Shaft Dia. | 2.16" | 55 mm |
| Roll Adjustment | Hydraulic | |
| Motor | 7 hp | |
| Speed | 11 rpm | |
| Driven Rolls | 3 | |
| Pinch | Single with Interchangeable Bottom Rolls | |
| Control | CNC | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 52" x 35" x 66" / 1320 x 889 x 1076 mm | |
| Shipping Weight | 1,654 lbs. / 755 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

Roll Benders – R-CNC80

| SPECIFICATIONS – R-CNC80 | | |
|---------------------------------|--|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 3" (sch. 40) / 88.9 (5.4) mm | 64" / 1625 mm |
| Solid Round Tube | 4" (.075") / 101 (2) mm | 68" / 1727 mm |
| Square Tube | 3.15" (.157") / 80 (4) mm | 158" / 1013 mm |
| Angle Iron | 2.75" (.375") / 70 (9.5) mm | 36" / 915 mm |
| Flat Bar | | |
| Easy Way | 5" (.75") / 127 (19) mm | 38" / 905 mm |
| Hard Way | 4.5" (.5") / 114 (12.7) mm | 38" / 905 mm |
| Shaft Dia. | 2.55" | 63.5 mm |
| Roll Adjustment | Hydraulic | |
| Motor | 7.375 hp | |
| Speed | 10 rpm | |
| Driven Rolls | 3 | |
| Pinch | Single with Interchangeable Bottom Rolls | |
| Control | CNC | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 50" x 40" x 66" / 1270 x 1016 x 1667 mm | |
| Shipping Weight | 2,315 lbs. / 1052 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ 3" schedule 40 pipe capacity
- ◆ Full CNC control
- ◆ Touch screen
- ◆ 40 programs 24 bends per program-standard
- ◆ Includes arc meter calibration device
- ◆ Three driven rolls
- ◆ 10 RPM
- ◆ Hydraulic top roll
- ◆ Single pinch
- ◆ Hardened tooling
- ◆ Many optional tooling sets available



Roll Benders – R-CNC120

- ◆ 4" schedule 40 pipe capacity
- ◆ Full CNC control
- ◆ Touch screen
- ◆ 40 programs 24 bends per program-standard
- ◆ Includes arc meter calibration device
- ◆ Three driven rolls
- ◆ 9.4 hp
- ◆ Variable speed
- ◆ Hydraulic top roll
- ◆ Single pinch
- ◆ Hardened tooling
- ◆ Many optional tooling sets available



| SPECIFICATIONS – R-CNC120 | | |
|---------------------------------|--|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 4" (sch. 40) / 114 (6) mm | 72" / 1828 mm |
| Solid Round Tube | 4.675" (.090") / 118 (2.2) mm | 78" / 1981 mm |
| Square Tube | 4" (.1875") / 101 (4.7) mm | 196" / 4978 mm |
| Angle Iron | 3.15" (.375") / 80 (9.5) mm | 40" / 1016 mm |
| Flat Bar | | |
| Easy Way | 5.5" (.1875") / 139 (4.7) mm | 44" / 1117 mm |
| Hard Way | 5" (.375") / 127 (9.5) mm | 40" / 1016 mm |
| Shaft Dia. | 3.14" | 79.7 mm |
| Roll Adjustment | Hydraulic | |
| Motor | 9.4 hp | |
| Speed | 0 – 8 rpm (Variable) | |
| Driven Rolls | 3 | |
| Pinch | Single with Interchangeable Bottom Rolls | |
| Control | CNC | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 64" x 49" x 65" / 1625 x 1244 x 1651 mm | |
| Shipping Weight | 3,638 lbs. / 1675 kgs | |

All Specs based on 60,000 PSI (42 Kg/mm²) Tensile Strength – Mild Steel. Specifications subject to change without notice.

Call for available tooling – 920-482-3230

Roll Benders – R-CNC150

| SPECIFICATIONS – R-CNC150 | | |
|----------------------------------|--|----------------|
| Capacity | Size | Min. Dia. |
| Pipe | 5" (sch. 40) / 141.3 (6.5) mm | 78" / 1981 mm |
| Solid Round Tube | 5.875" (.120") / 149.2 (3) mm | 102" / 2590 mm |
| Square Tube | 4.5" (.25") / 114.3 (6.25) mm | 236" / 5995 mm |
| Angle Iron | 4" (.375") / 101.6 (9.5) mm | 56" / 1442 |
| Flat Bar | | |
| Easy Way | 6.25" (1.5") / 158.75 mm | 48" / 1220 mm |
| Hard Way | 5.5" (.75") / 139 (19) mm | 58" / 1473 mm |
| Shaft Dia. | 3.93" | 100 mm |
| Roll Adjustment | Hydraulic | |
| Motor | 14.75 hp | |
| Speed | 0 – 7 rpm (Variable) | |
| Pinch | Single with Interchangeable Bottom Rolls | |
| Control | CNC | |
| Power Requirement | 220V – 3-phase | |
| Shipping Dimensions (L x W x H)1 | 75" x 55" x 75" / 1905 x 1397 x 905 | |
| Shipping Weight | 6,063 lbs. / 2755 kgs. | |

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ 5" schedule 40 pipe capacity
- ◆ Full CNC control
- ◆ Touch screen
- ◆ 40 programs 24 bends per program-standard
- ◆ Includes arc meter calibration device
- ◆ Three driven rolls
- ◆ 14.75 hp
- ◆ Variable speed
- ◆ Hydraulic top roll
- ◆ Huge 3.93" diameter shafts
- ◆ Single pinch
- ◆ Hardened tooling
- ◆ Many optional tooling sets available



Call for available tooling – 920-482-3230

Roll Benders – Tooling

Baileigh Industrial offers the finest roll benders in the world and when you offer machines this good you have to offer tooling to match. All tooling for Baileigh Industrial roll benders are precision machined and available in both steel and nylon versions, with the steel sets heat treated for long life. With well over

1000 sizes typically in stock, Baileigh Industrial more than likely has your application covered. But just in case, custom rolls sets are available. Call us today with your application so we can get you started on the correct roll bending path.



*A. Steel Tooling for
Tube, Pipe and Square*

*B. Nylon Tooling for
Tube, Pipe and Square*

C. Angle Correcting Tooling

Slip Rolls – SR-1220M / SR-2420M / SR-3622M

SPECIFICATIONS – SR-1220M

| | | |
|---------------------------------|-----------------|--------------------|
| Forming Width | 12" | 305 mm |
| Capacity (Mild Steel) | 20 ga. (.036") | 1 mm |
| Upper Roll Dia. | 1.25" | 32 mm |
| Minimum Forming Dia. | 1.875" | 48 mm |
| Wire Grooves (4) | | |
| (1) | .1875" | 4.7 mm |
| (2) | .1562" | 3.96 mm |
| (3) | .125" | 3.175 mm |
| (4) | .0625" | 1.58 mm |
| Gear Ratio | 1:1 | |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 19" x 9" x 7.5" | 482 x 228 x 190 mm |
| Shipping Weight | 32 lbs. | 14.5 kgs. |

Specifications subject to change without notice.

- ◆ 12" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually powered
- ◆ 4-wire grooves
- ◆ Top roll swings out for material removal



SR-1220M

SPECIFICATIONS – SR-2420M

| | | |
|---------------------------------|-----------------|---------------------|
| Forming Width | 24" | 610 mm |
| Capacity (Mild Steel) | 20 ga. (.036") | 1 mm |
| Upper Roll Dia. | 2" | 50.8 mm |
| Minimum Forming Dia. | 3" | 76.2 mm |
| Wire Grooves | | |
| Yes | | |
| (1) | .4" | 10.16 mm |
| (2) | .325" | 8.25 mm |
| (3) | .25" | 6.35 mm |
| Gear Ratio | 1:1 | |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 44" x 15" x 21" | 1118 x 381 x 533 mm |
| Shipping Weight | 220 lbs. | 100 kgs. |

Specifications subject to change without notice.

- ◆ 24" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually powered
- ◆ 3-wire grooves
- ◆ Top roll lifts up for material removal



SR-2420M

SPECIFICATIONS – SR-3622M

| | | |
|---------------------------------|-----------------|---------------------|
| Forming Width | 36" | 914 mm |
| Capacity (Mild Steel) | 22 ga. (.030") | .76 mm |
| Upper Roll Dia. | 2" | 50.8 mm |
| Minimum Forming Dia. | 3" | 76.2 mm |
| Wire Grooves | | |
| (1) | .447" | 11.3 mm |
| (2) | .380" | 9.65 mm |
| (3) | .285" | 7.2 mm |
| Gear Ratio | 1:1 | |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 55" x 15" x 21" | 1397 x 381 x 533 mm |
| Shipping Weight | 286 lbs. | 130 kgs. |

Specifications subject to change without notice.

- ◆ 36" forming width
- ◆ 22-gauge mild steel capacity
- ◆ Manually powered
- ◆ 3-wire grooves
- ◆ Top roll lifts up for material removal



SR-3622M

Slip Rolls – SR-5016M

- ◆ 50" forming width
- ◆ 16-gauge mild steel capacity
- ◆ Manually powered
- ◆ 3-wire grooves
- ◆ Optional floor stand
- ◆ 2" back roll adjustment
- ◆ Top roll swings out for material removal

| SPECIFICATIONS – SR-5016M | | |
|---------------------------------|-----------------|---------------------|
| Forming Width | 50" | 1,270 mm |
| Capacity (Mild Steel) | 16 ga. (.060") | 1.5 mm |
| Upper Roll Dia. | 3" | 76.2 mm |
| Minimum Forming Dia. | 4.5" | 114 mm |
| Wire Grooves | | |
| (1) | .335" | 8.5 mm |
| (2) | .407" | 10.3 mm |
| (3) | .513" | 13 mm |
| Gear Ratio | 3:1 | |
| Stand | Optional | |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 65" x 16" x 20" | 1651 x 406 x 508 mm |
| Shipping Weight | 528 lbs. | 239 kgs. |

Specifications subject to change without notice.



Shown with optional floor stand – SKU 1007355

Slip Rolls – SR-5016E

SPECIFICATIONS – SR-5016E

| | | |
|---------------------------------|-----------------|----------------------|
| Forming Width | 51" | 1295 mm |
| Capacity (Mild Steel) | 16 ga. (.060") | 1.5 mm |
| Upper Roll Dia. | 3" | 76.2 mm |
| Minimum Forming Dia. | 4.5" | 114 mm |
| Wire Grooves | Yes | |
| (1) | .375" | 9.5 mm |
| (2) | .389" | 9.9 mm |
| (3) | .5" | 12.7 mm |
| Roll Speed | 16 rpm. | |
| Stand | Yes | |
| Motor | 1 hp. | |
| Power Requirement | 110V – 1-Phase | |
| Shipping Dimensions (L x W x H) | 70" x 24" x 44" | 1778 x 610 x 1118 mm |
| Shipping Weight | 750 lbs. | 342 kgs. |

Specifications subject to change without notice.

- ◆ 51" forming width
- ◆ 16-gauge mild steel capacity
- ◆ 110V
- ◆ 3-wire grooves
- ◆ Foot pedal operated
- ◆ Three place integrated emergency stop
- ◆ Top roll swings out for material removal



Slip Rolls – SR-5016

- ◆ 50" forming width
- ◆ 16-gauge mild steel capacity
- ◆ Electric powered
- ◆ 3-wire grooves
- ◆ Foot pedal operated
- ◆ Integrated emergency stop
- ◆ 2" back roll adjustment
- ◆ 220V 1-phase
- ◆ Top roll swings out for material removal



| SPECIFICATIONS – SR-5016 | | |
|---------------------------------|-----------------|----------------------|
| Forming Width | 50" | 1,270 mm |
| Capacity (Mild Steel) | 16 ga. (.060") | 1.5 mm |
| Upper Roll Dia. | 3" | 76.2 mm |
| Minimum Forming Dia. | 4.5" | 114 mm |
| Wire Grooves | Yes | |
| (1) | .335" | 8.5 mm |
| (2) | .407" | 10.3 mm |
| (3) | .513" | 13 mm |
| Roll Speed | 16 rpm. | |
| Stand | Yes | |
| Motor | 1 hp. | |
| Power Requirement | 220V – 1-Phase | |
| Shipping Dimensions (L x W x H) | 67" x 26" x 46" | 1702 x 660 x 1168 mm |
| Shipping Weight | 770 lbs. | 350 kgs. |

Specifications subject to change without notice.

Plate Rolls – PR-413 / PR-514

SPECIFICATIONS – PR-413

| | | |
|------------------------------------|---------------------|----------------------|
| Forming Width | 48" | 1219 mm |
| Capacity (Mild Steel) | 13 ga. (.090") | 2.3 mm |
| Upper Roll Dia. | 3.50" | 89 mm |
| Minimum Forming Dia. | 5.25" | 133 mm |
| Roll Adjustment Pinch Back | Manual Hydraulic | |
| Digital Position Readout | Yes | |
| Wire Grooves | Yes | |
| (1) | .375" | 9.5 mm |
| (2) | .465" | 11.8 mm |
| (3) | .55" | 14 mm |
| Roll Speed | 6 rpm. | |
| Driven Rolls | 3 | |
| Motor | 2 hp. | |
| Power Requirement | 220V – 1-Phase | |
| Shipping Dimensions (L x W x H) | 75" x 29" x 46" | 1905 x 736 x 1168 mm |
| Shipping Weight | 1,254 lbs. | 570 kgs. |

Specifications subject to change without notice.

- ◆ 48" forming width
- ◆ 13-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ 3-wire grooves
- ◆ Foot pedal operated
- ◆ 2.56" back roll adjustment
- ◆ Top roll swings out for material removal



PR-413

SPECIFICATIONS – PR-514

| | | |
|------------------------------------|---------------------|----------------------|
| Forming Width | 60" | 1524 mm |
| Capacity (Mild Steel) | 14 ga. (.075") | 2 mm |
| Upper Roll Dia. | 3.50" | 89 mm |
| Minimum Forming Dia. | 5.25" | 133 mm |
| Roll Adjustment Pinch Back | Manual Hydraulic | |
| Digital Position Readout | Yes | |
| Wire Grooves | Yes | |
| (1) | .375" | 9.5 mm |
| (2) | .4375" | 11.1 mm |
| (3) | .5" | 12.7 mm |
| Roll Speed | 6 rpm. | |
| Driven Rolls | 3 | |
| Motor | 2 hp. | |
| Power Requirement | 220V – 1-Phase | |
| Shipping Dimensions (L x W x H) | 89" x 29" x 56" | 2261 x 737 x 1422 mm |
| Shipping Weight | 1,243 lbs. | 564 kgs. |

Specifications subject to change without notice.

- ◆ 60" forming width
- ◆ 14-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ 3-wire grooves
- ◆ Foot pedal operated
- ◆ 2.559" back roll adjustment
- ◆ Top roll swings out for material removal



PR-514

Plate Rolls – PR-403 / PR-409



PR-403

- ◆ 48" forming width
- ◆ 1/4" mild steel capacity
- ◆ 3-driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 2.835" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available



| SPECIFICATIONS – PR-403 | | |
|------------------------------------|---------------------|----------------------|
| Forming Width | 48" | 1219 mm |
| Capacity (Mild Steel) | .250" | 6.3 mm |
| Upper Roll Dia. | 5.91" | 150 mm |
| Minimum Forming Dia. | 8.86" | 225 mm |
| Roll Adjustment Pinch Back | Manual Hydraulic | |
| Digital Position Readout | Yes | |
| Roll Speed | 4.67 rpm. | |
| Driven Rolls | 3 | |
| Motor | 3 hp. | |
| Power Requirement | 220V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 83" x 32" x 52" | 2108 x 813 x 1321 mm |
| Shipping Weight | 4,180 lbs. | 1900 kgs. |

Specifications subject to change without notice.



PR-409

- ◆ 48" forming width
- ◆ 9-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 2" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available

| SPECIFICATIONS – PR-409 | | |
|------------------------------------|---------------------|----------------------|
| Forming Width | 48" | 1219 mm |
| Capacity (Mild Steel) | 9 ga. (.150") | 3.8 mm |
| Upper Roll Dia. | 4.75" | 120.6 mm |
| Minimum Forming Dia. | 7.125" | 181 mm |
| Roll Adjustment Pinch Back | Manual Hydraulic | |
| Digital Position Readout | Yes | |
| Roll Speed | 5.85 rpm. | |
| Driven Rolls | 3 | |
| Motor | 2 hp. | |
| Power Requirement | 220V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 81" x 30" x 50" | 2057 x 762 x 1270 mm |
| Shipping Weight | 3,740 lbs. | 1700 kgs. |

Specifications subject to change without notice.

Plate Rolls – PR-503 / PR-510

SPECIFICATIONS – PR-503

| | | |
|------------------------------------|---------------------|----------------------|
| Forming Width | 61" | 1549 mm |
| Capacity (Mild Steel) | .250" | 6.3 mm |
| Upper Roll Dia. | 7" | 178 mm |
| Minimum Forming Dia. | 10.500" | 267 mm |
| Roll Adjustment Pinch Back | Manual Hydraulic | |
| Digital Position Readout | Yes | |
| Roll Speed | 5 rpm. | |
| Driven Rolls | 3 | |
| Motor | 5 hp. | |
| Power Requirement | 220V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 98" x 36" x 56" | 2489 x 914 x 1422 mm |
| Shipping Weight | 6,380 lbs. | 2900 kgs. |

Specifications subject to change without notice.



- ◆ 61" forming width
- ◆ 1/4" mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 3.937" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available



PR-503

SPECIFICATIONS – PR-510

| | | |
|------------------------------------|---------------------|----------------------|
| Forming Width | 60" | 1524 mm |
| Capacity (Mild Steel) | 10 ga. (.135") | 3.4 mm |
| Upper Roll Dia. | 4.75" | 120.6 mm |
| Minimum Forming Dia. | 7.125" | 181 mm |
| Roll Adjustment Pinch Back | Manual Hydraulic | |
| Digital Position Readout | Yes | |
| Roll Speed | 5.85 rpm. | |
| Driven Rolls | 3 | |
| Motor | 2 hp. | |
| Power Requirement | 220V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 93" x 30" x 50" | 2362 x 762 x 1270 mm |
| Shipping Weight | 4,290 lbs. | 1950 kgs. |

Specifications subject to change without notice.

- ◆ 60" forming width
- ◆ 10-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 2" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available



PR-510

Plate Rolls – PR-609 / PR-613



PR-609

- ◆ 72" forming width
- ◆ 9-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 2.875" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available

| SPECIFICATIONS – PR-609 | | |
|------------------------------------|---------------------|----------------------|
| Forming Width | 72" | 1829 mm |
| Capacity (Mild Steel) | 9 ga. (.150") | 3.8 mm |
| Upper Roll Dia. | 5.91" | 150 mm |
| Minimum Forming Dia. | 8.86" | 225 mm |
| Roll Adjustment Pinch Back | Manual Hydraulic | |
| Digital Position Readout | Yes | |
| Roll Speed | 4.67 rpm. | |
| Driven Rolls | 3 | |
| Motor | 3 hp. | |
| Power Requirement | 220V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 114" x 32" x 52" | 2895 x 813 x 1321 mm |
| Shipping Weight | 5,610 lbs. | 2544 kgs. |

Specifications subject to change without notice.



PR-613

- ◆ 72" forming width
- ◆ 13-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 2" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available

| SPECIFICATIONS – PR-613 | | |
|------------------------------------|---------------------|----------------------|
| Forming Width | 72" | 1829 mm |
| Capacity (Mild Steel) | 13 ga. (.090") | 2.3 mm |
| Upper Roll Dia. | 4.75" | 120.6 mm |
| Minimum Forming Dia. | 7.125" | 181 mm |
| Roll Adjustment Pinch Back | Manual Hydraulic | |
| Digital Position Readout | Yes | |
| Roll Speed | 5.85 rpm. | |
| Driven Rolls | 3 | |
| Motor | 3 hp. | |
| Power Requirement | 220V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 112" x 30" x 50" | 2845 x 762 x 1270 mm |
| Shipping Weight | 4,950 lbs. | 2250 kgs. |

Specifications subject to change without notice.

Plate Rolls – PR-603-4

- ◆ 80" forming width
- ◆ 1/4" mild steel capacity
- ◆ 2-driven rolls
- ◆ Direct linear double pinch
- ◆ DRO for roll positions
- ◆ Push button coning
- ◆ Planetary gearbox
- ◆ Operated via remote console

| SPECIFICATIONS – PR-603-4 | | |
|------------------------------------|------------------------|-----------------------|
| Forming Width | 80" | 2050 mm |
| Capacity (Mild Steel) | .250" | 6 mm |
| Upper Roll Dia. | 7" | 180 mm |
| Side Roll Dia. | 5.90" | 150 mm |
| Minimum Forming Dia. | 10.6" | 270 mm |
| Roll Adjustment Pinch Back | Hydraulic Hydraulic | |
| Digital Position Readout | Yes | |
| Roll Speed | 16 fpm. (5 mpm) | |
| Driven Rolls | 2 | |
| Motor | 4 hp. | |
| Power Requirement | 220V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 151" x 53" x 51" | 3850 x 1350 x 1290 mm |
| Shipping Weight | 7,260 lbs. | 3300 kgs. |

Specifications subject to change without notice.



Plate Rolls – PR-1003-4

- ◆ 120" forming width
- ◆ 1/4" mild steel capacity
- ◆ 2-driven rolls
- ◆ Direct linear double pinch
- ◆ DRO for roll positions
- ◆ Push button coning
- ◆ Planetary gearbox
- ◆ Operated via remote console

| SPECIFICATIONS – PR-1003-4 | | |
|---------------------------------|---------------------|-----------------------|
| Forming Width | 120" | 3050 mm |
| Capacity (Mild Steel) | .250" | 6 mm |
| Upper Roll Dia. | 8.662" | 220 mm |
| Side Roll Dia. | 7" | 180 mm |
| Minimum Forming Dia. | 13" | 330 mm |
| Roll Adjustment Pinch Back | Hydraulic Hydraulic | |
| Digital Position Readout | Yes | |
| Roll Speed | 16 fpm. (5 mpm) | |
| Driven Rolls | 2 | |
| Motor | 7 hp. | |
| Power Requirement | 220V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 197" x 59" x 54" | 5000 x 1500 x 1370 mm |
| Shipping Weight | 13,200 lbs. | 6000 kgs. |

Specifications subject to change without notice.



Plate Rolls – PR-10500-4

| SPECIFICATIONS – PR-10500-4 | | |
|---------------------------------|------------------|----------------------|
| Rolling Cap. (Mild Steel) | .55" | 14 mm |
| Pre-Bending Cap. (Mild Steel) | .500" | 12.4 mm |
| Forming Width | 122" | 3100 mm |
| Number of Rolls | 4 | |
| Driven Rolls | 2 | |
| Top Roll Dia. | 11.4" | 290 mm |
| Bottom Roll Dia. | 10.6" | 270 mm |
| Slide Roll Dia. | 8.2" | 210 mm |
| Roll Adjustment | Hydraulic | |
| Programming | Manual | |
| Motor | 10 hp. | |
| Power Requirement | 480V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 176" x 58" x 39" | 4475 x 1460 x 985 mm |
| Shipping Weight | 17,600 lbs. | 8000 kgs. |

Specifications subject to change without notice.

- ◆ 1/2" mild steel capacity
- ◆ 120" length
- ◆ 4 forming rolls
- ◆ 2 driven rolls
- ◆ Hydraulically driven
- ◆ Moveable console with DRO
- ◆ Hydraulic system for helping to remove material
- ◆ Epicycloidal gear boxes
- ◆ Hardened and polished rolls
- ◆ Conical bending system
- ◆ Torsion bars for perfect parallelism
- ◆ Planetary movement of side rolls



Plate Rolls – PR-10500-4NC

- ◆ 1/2" mild steel capacity
- ◆ 120" length
- ◆ 4 forming rolls
- ◆ 2 driven rolls
- ◆ Hydraulically driven
- ◆ Moveable console with three axis NC control
- ◆ Storage for 300 programs with 99 steps in each program
- ◆ Touch screen
- ◆ Hydraulic system for helping to remove material
- ◆ Epicycloidal gear boxes
- ◆ Hardened and polished rolls
- ◆ Conical bending system
- ◆ Torsion bars for perfect parallelism
- ◆ Planetary movement of side rolls

| SPECIFICATIONS – PR-10500-4NC | | |
|---------------------------------|------------------|----------------------|
| Rolling Cap. (Mild Steel) | .55" | 14 mm |
| Pre-Bending Cap. (Mild Steel) | .500" | 12.4 mm |
| Forming Width | 122" | 3100 mm |
| Number of Rolls | 4 | |
| Driven Rolls | 2 | |
| Top Roll Dia. | 11.4" | 290 mm |
| Bottom Roll Dia. | 10.6" | 270 mm |
| Slide Roll Dia. | 8.2" | 210 mm |
| Roll Adjustment | Hydraulic | |
| Programming | Nexus NC System | |
| Motor | 10 hp. | |
| Power Requirement | 480V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 176" x 58" x 39" | 4475 x 1460 x 985 mm |
| Shipping Weight | 17,600 lbs. | 8000 kgs. |

Specifications subject to change without notice.



User friendly NC control



Plate Rolls – PR-10500-4CNC

| SPECIFICATIONS – PR-10500-4CNC | | |
|---------------------------------|-------------------------|-----------------------|
| Rolling Cap. (Mild Steel) | .55" | 14 mm |
| Pre-Bending Cap. (Mild Steel) | .500" | 12.4 mm |
| Forming Width | 122" | 3100 mm |
| Number of Rolls | 4 | |
| Driven Rolls | 2 | |
| Top Roll Dia. | 13.7" | 350 mm |
| Bottom Roll Dia. | 13" | 330 mm |
| Slide Roll Dia. | 9.8" | 250 mm |
| Roll Adjustment | Hydraulic | |
| Programming | Touch Screen CNC System | |
| Motor | 15 hp. | |
| Power Requirement | 480V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 206" x 68" x 43" | 5220 x 1720 x 1090 mm |
| Shipping Weight | 28,600 lbs. | 13000 kgs. |

Specifications subject to change without notice.

- ◆ 1/2" mild steel capacity
- ◆ 120" length
- ◆ 4 forming rolls
- ◆ 2 driven rolls
- ◆ Hydraulically driven
- ◆ Moveable console with CNC control
- ◆ Unlimited storage
- ◆ Touch screen
- ◆ Able to draw parts or import DXF files
- ◆ Hydraulic system for helping to remove material
- ◆ Epicycloidal gear boxes
- ◆ Hardened and polished rolls
- ◆ Conical bending system
- ◆ Torsion bars for perfect parallelism
- ◆ Planetary movement of side rolls

User friendly CNC control

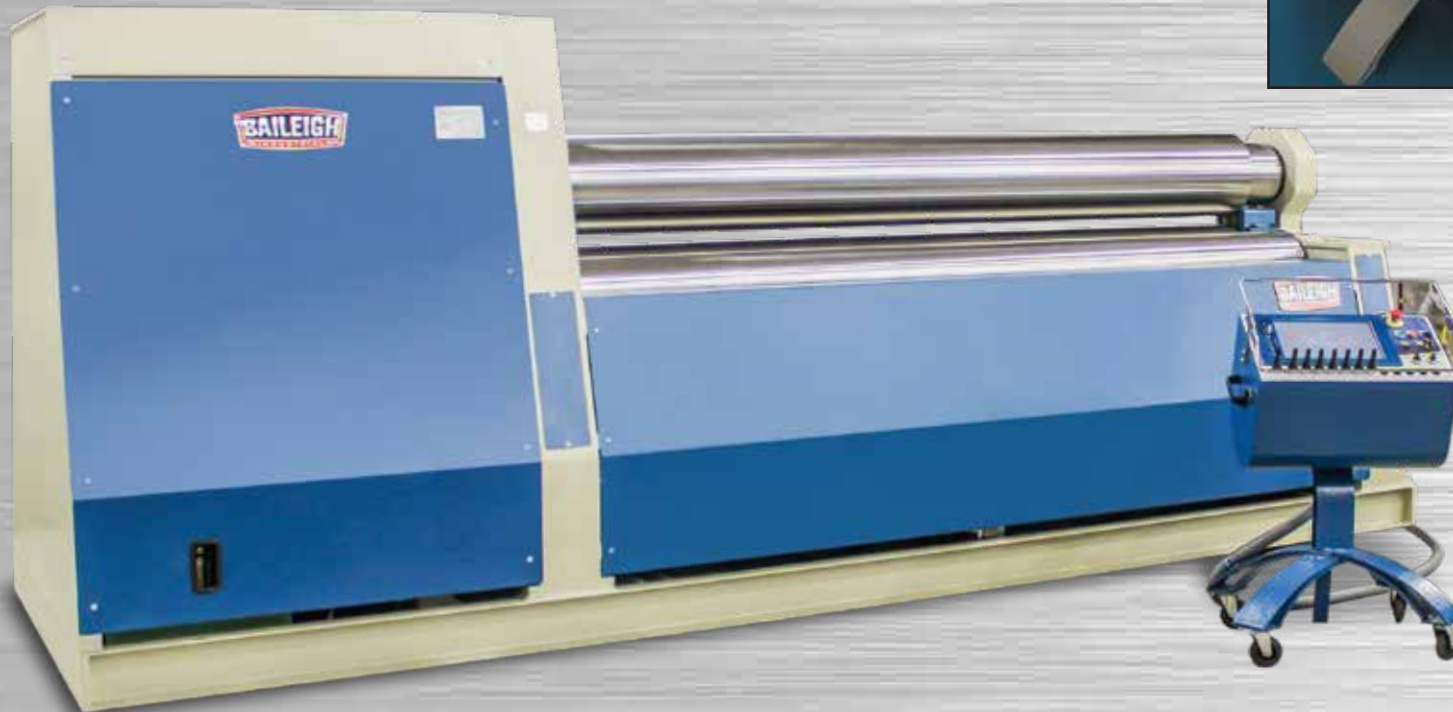


Plate Rolls – PR-101000-4

- ◆ 1" mild steel capacity
- ◆ 120" length
- ◆ 4 forming rolls
- ◆ 2 driven rolls
- ◆ Hydraulically driven
- ◆ Moveable console with DRO
- ◆ Hydraulic system for helping to remove material
- ◆ Epicycloidal gear boxes
- ◆ Hardened and polished rolls
- ◆ Conical bending system
- ◆ Torsion bars for perfect parallelism
- ◆ Planetary movement of side rolls

| SPECIFICATIONS – PR-101000-4 | | |
|---------------------------------|------------------|-----------------------|
| Rolling Cap. (Mild Steel) | 1" | 25.4 mm |
| Pre-Bending Cap. (Mild Steel) | .78" | 20 mm |
| Forming Width | 122" | 3100 mm |
| Number of Rolls | 4 | |
| Driven Rolls | 2 | |
| Top Roll Dia. | 14.5" | 370 mm |
| Bottom Roll Dia. | 13.7" | 350 mm |
| Slide Roll Dia. | 10.6" | 270 mm |
| Roll Adjustment | Hydraulic | |
| Programming | Manual | |
| Motor | 20 hp. | |
| Power Requirement | 480V – 3-Phase | |
| Shipping Dimensions (L x W x H) | 188" x 76" x 56" | 4760 x 1924 x 1415 mm |
| Shipping Weight | 37,400 lbs. | 17000 kgs. |

Specifications subject to change without notice.



Straight Hand Brakes – HBR-4820 / HBR-7222

SPECIFICATIONS – HBR-4820

| Capacity | | |
|---------------------------------|-----------------|---------------------|
| Length | 48" | 1220 mm |
| Thickness (SS) | 20 ga. | |
| Bend Angle | 0 – 120° | |
| Shipping Dimensions (L x W x H) | | |
| Shipping Dimensions (L x W x H) | 63" x 16" x 23" | 1600 x 406 x 584 mm |
| Shipping Weight | 200 lbs. | 91 kgs. |

Specifications subject to change without notice.

- ◆ 48" x 20-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Compact design
- ◆ Specially designed for light gauge sheet metal work
- ◆ Adjustable clamping pressure



HBR-4820

SPECIFICATIONS – HBR-7222

| Capacity | | |
|---------------------------------|-----------------|---------------------|
| Length | 72" | 1830 mm |
| Thickness (SS) | 22 ga. | |
| Bend Angle | 0 – 120° | |
| Shipping Dimensions (L x W x H) | | |
| Shipping Dimensions (L x W x H) | 80" x 16" x 23" | 2032 x 406 x 584 mm |
| Shipping Weight | 340 lbs. | 155 kgs. |

Specifications subject to change without notice.

- ◆ 72" x 22-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Compact design
- ◆ Specially designed for light gauge sheet metal work
- ◆ Adjustable clamping pressure



HBR-7222

Straight Hand Brakes – HB-4816E / HB-4816



HB-4816E



HB-4816

SPECIFICATIONS – HB-4816E

| Capacity | | |
|---------------------------------|-----------------|---------------------|
| Length | 48" | 1220 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 135° | |
| Shipping Dimensions (L x W x H) | 63" x 16" x 23" | 1600 x 406 x 584 mm |
| Shipping Weight | 450 lbs. | 204 kgs. |

Specifications subject to change without notice.

- ◆ 48" x 16-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod for repeatability
- ◆ Adjustable clamping pressure
- ◆ 2-1/4" minimum bend depth

SPECIFICATIONS – HB-4816

| Capacity | | |
|---------------------------------|-----------------|---------------------|
| Length | 48" | 1220 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 135° | |
| Shipping Dimensions (L x W x H) | 63" x 16" x 23" | 1600 x 406 x 584 mm |
| Shipping Weight | 506 lbs. | 230 kgs. |

Specifications subject to change without notice.

- ◆ 48" x 16-gauge mild steel capacity
- ◆ Stop rod for repeatability
- ◆ Counterweight apron assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ Sturdy floor stand
- ◆ Adjustable clamping pressure
- ◆ 2-1/4" minimum bend depth

Straight Hand Brakes – HB-9616 / HB-9612

SPECIFICATIONS – HB-9616

| Capacity | | |
|---------------------------------|------------------|----------------------|
| Length | 96" | 2438 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Max. Opening | 2.08" | 53 mm |
| Bend Angle | 0 – 135° | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Shipping Dimensions (L x W x H) | 123" x 34" x 40" | 3124 x 864 x 1016 mm |
| Shipping Weight | 1,650 lbs. | 750 kgs. |

Specifications subject to change without notice.

- ◆ 96" x 16-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist



HB-9616

SPECIFICATIONS – HB-9612

| Capacity | | |
|---------------------------------|------------------|----------------------|
| Length | 96" | 2438 mm |
| Thickness (SS) | 12 ga. (16 ga.) | |
| Max. Opening | 2.08" | 53 mm |
| Bend Angle | 0 – 135° | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Shipping Dimensions (L x W x H) | 123" x 34" x 40" | 3124 x 864 x 1016 mm |
| Shipping Weight | 2,640 lbs. | 1204 kgs. |

Specifications subject to change without notice.

- ◆ 96" x 12-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist



HB-9612

Straight Hand Brakes – HB-12016 / HB-12014



HB-12016

| SPECIFICATIONS – HB-12016 | | |
|---------------------------------|------------------|----------------------|
| Capacity | | |
| Length | 120" | 3048 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Max. Opening | 2.08" | 53 mm |
| Bend Angle | 0 – 135° | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Shipping Dimensions (L x W x H) | 148" x 34" x 40" | 3759 x 864 x 1016 mm |
| Shipping Weight | 2,860 lbs. | 1300 kgs. |

Specifications subject to change without notice.

- ◆ 120" x 16-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist



HB-12014

| SPECIFICATIONS – HB-12014 | | |
|---------------------------------|------------------|----------------------|
| Capacity | | |
| Length | 120" | 3048 mm |
| Thickness (SS) | 14 ga. (18 ga.) | |
| Max. Opening | 2.08" | 53 mm |
| Bend Angle | 0 – 135° | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Shipping Dimensions (L x W x H) | 148" x 34" x 40" | 3759 x 864 x 1016 mm |
| Shipping Weight | 3,300 lbs. | 1500 kgs. |

Specifications subject to change without notice.

- ◆ 120" x 14-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist

Straight Hand Brakes – HB-14418 / HB-15722

SPECIFICATIONS – HB-14418

| Capacity | | |
|---------------------------------|------------------|----------------------|
| Length | 144" | 3658 mm |
| Thickness (SS) | 18 ga. (22 ga.) | |
| Max. Opening | 2.08" | 53 mm |
| Bend Angle | 0 – 135° | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Shipping Dimensions (L x W x H) | 168" x 34" x 48" | 4267 x 864 x 1219 mm |
| Shipping Weight | 3,960 lbs. | 1800 kgs. |

Specifications subject to change without notice.

- ◆ 144" x 18-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist



HB-14418

SPECIFICATIONS – HB-15722

| Capacity | | |
|---------------------------------|------------------|----------------------|
| Length | 157" | 3988 mm |
| Thickness (SS) | 22 ga. (26 ga.) | |
| Max. Opening | 2.08" | 53 mm |
| Bend Angle | 0 – 135° | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Shipping Dimensions (L x W x H) | 185" x 36" x 48" | 4699 x 914 x 1219 mm |
| Shipping Weight | 4,840 lbs. | 2200 kgs. |

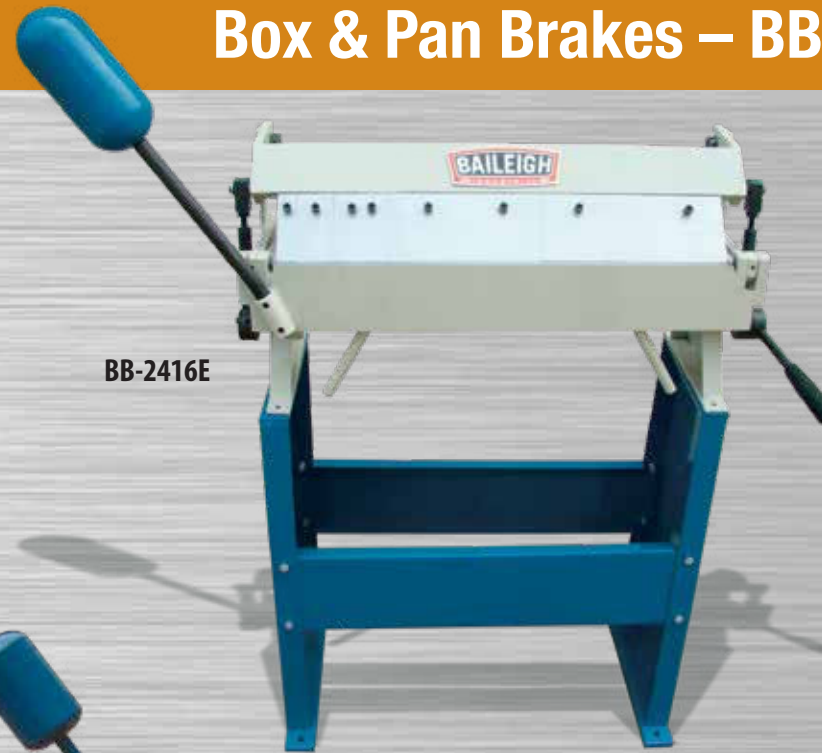
Specifications subject to change without notice.

- ◆ 157" x 22-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist



HB-15722

Box & Pan Brakes – BB-2416E / BB-3616E



BB-2416E

| SPECIFICATIONS – BB-2416E | | |
|---------------------------------|-----------------|--------------------|
| Length | 24" | 610 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 135° | |
| Box Depth | 1.18" | 30 mm |
| Stand | Yes | |
| Shipping Dimensions (L x W x H) | 34" x 14" x 18" | 864 x 356 x 457 mm |
| Shipping Weight | 185 lbs. | 85 kgs. |

Specifications subject to change without notice.

- ◆ 24" x 16-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist
- ◆ 5-finger assortment (1", 2", 3", 8" and 10")



BB-3616E

| SPECIFICATIONS – BB-3616E | | |
|---------------------------------|-----------------|---------------------|
| Length | 36" | 915 mm |
| Thickness | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 135° | |
| Box Depth | 1.375" | 35 mm |
| Stand | Yes | |
| Shipping Dimensions (L x W x H) | 47" x 16" x 23" | 1194 x 406 x 584 mm |
| Shipping Weight | 271 lbs. | 123 kgs. |

Specifications subject to change without notice.

- ◆ 36" x 16-gauge mild steel capacity
- ◆ Counterweight apron assist
- ◆ Adjustable beam
- ◆ Floor stand included
- ◆ 6-finger assortment (1", 2", 3", 8", 10" and 12")

Box & Pan Brakes – BB-4816E / BB-4816

| SPECIFICATIONS – BB-4816E | | |
|---------------------------------|-----------------|---------------------|
| Length | 48" | 1220 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 135° | |
| Box Depth | 1.57" | 40 mm |
| Stand | Yes | |
| Shipping Dimensions (L x W x H) | 46" x 19" x 27" | 1168 x 483 x 686 mm |
| Shipping Weight | 360 lbs. | 164 kgs. |

Specifications subject to change without notice.

- ◆ Stop rod for repeatability
- ◆ Counterweight apron assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ Floor stand included
- ◆ 16-finger assortment: 5-2", 6-3", 5-4"



BB-4816E

| SPECIFICATIONS BB-4816 | | |
|---------------------------------|-----------------|---------------------|
| Length | 48" | 1219 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 135° | |
| Box Depth | 4" | 101.6 mm |
| Finger Sizes | 2" – 3" – 4" | |
| Beam | | |
| Adjustment | .625" | 16 mm |
| Lift (max.) | 1.75" | 44 mm |
| Stand | Yes | |
| Shipping Dimensions (L x W x H) | 64" x 27" x 32" | 1626 x 686 x 813 mm |
| Shipping Weight | 550 lbs. | 250 kgs. |

Specifications subject to change without notice.

- ◆ 48" x 16-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist
- ◆ 16-finger assortment: 5-2", 6-3", 5-4"



BB-4816

Box & Pan Brakes – BB-4814 / BB-4812



BB-4814

- ◆ 48" x 14-gauge capacity
- ◆ Counterweight apron assist
- ◆ Adjustable beam
- ◆ Floor stand included
- ◆ 2-piece hardened finger assortment: 6-3", 2-4", 1-25"
- ◆ Angle stop rod and counterweight assist

| SPECIFICATIONS – BB-4814 | | |
|---------------------------------|-----------------|---------------------|
| Length | 48" | 1220 mm |
| Thickness (SS) | 14 ga. (18 ga.) | |
| Bend Angle | 0 – 135° | |
| Box Depth | 4" | 101.6 mm |
| Finger Sizes | 3" – 4" – 25" | |
| Stand | Yes | |
| Shipping Dimensions (L x W x H) | 69" x 31" x 36" | 1753 x 787 x 914 mm |
| Shipping Weight | 1,276 lbs. | 580 kgs. |

Specifications subject to change without notice.

| SPECIFICATIONS BB-4812 | | |
|---------------------------------|-------------------|----------------------|
| Length | 48" | 1220 mm |
| Thickness (SS) | 12 ga. (16 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Box Depth | 6" | 152 mm |
| Shipping Dimensions (L x W x H) | 71" x 34" x 44" | 1803 x 864 x 1118 mm |
| Shipping Weight | 1,980 lbs. | 900 kgs. |

Specifications subject to change without notice.

- ◆ 48" x 12-gauge capacity
- ◆ Box, pan, and straight
- ◆ 2-piece hardened finger assortment: 3-3", 2-4", 5-5", 1-6"
- ◆ Angle stop rod and counterweight assist



BB-4812

Box & Pan Brakes – BB-7212 / BB-9612

SPECIFICATIONS BB-7212

| | | |
|---------------------------------|-------------------|----------------------|
| Length | 72" | 1830 mm |
| Thickness (SS) | 12 ga. (16 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm |
| Min. Reverse Bend | .625" | 16 mm |
| Box Depth | 6" | 152 mm |
| Shipping Dimensions (L x W x H) | 97" x 34" x 44" | 2464 x 864 x 1118 mm |
| Shipping Weight | 2,420 lbs. | 1100 kgs. |

Specifications subject to change without notice.

- ◆ 72" x 12-gauge capacity
- ◆ Heavy duty
- ◆ Bend angle indicator and stop rod for repeatability
- ◆ Adjustable counterweights for apron lift assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ Sturdy floor stand
- ◆ 2-piece hardened finger assortment: 6-3", 3-4", 6-5", 2-6"
- ◆ 6" box depth



BB-7212

SPECIFICATIONS BB-9612

| | | |
|---------------------------------|-------------------|----------------------|
| Length | 96" | 2438 mm |
| Thickness (SS) | 12 ga. (16 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Box Depth | 6" | 152 mm |
| Shipping Dimensions (L x W x H) | 123" x 34" x 46" | 3124 x 864 x 1168 mm |
| Shipping Weight | 3,220 lbs. | 1460 kgs. |

Specifications subject to change without notice.

- ◆ 96" x 12-gauge capacity
- ◆ Heavy duty
- ◆ Bend angle indicator and stop rod for repeatability
- ◆ Adjustable counterweights for apron lift assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ 2-piece hardened finger assortment 6-3", 4-4", 10-5", 2-6"
- ◆ 6" box depth



BB-9612

Box & Pan Brakes – BB-12016 / BB-12014



BB-12016

- ◆ Heavy duty
- ◆ Bend angle indicator and stop rod for repeatability
- ◆ Adjustable counterweights for apron lift assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ Sturdy floor stand
- ◆ 2-piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- ◆ 6" box depth

| SPECIFICATIONS BB-12016 | | |
|---------------------------------|-------------------|----------------------|
| Length | 120" | 3048 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Box Depth | 6" | 152 mm |
| Shipping Dimensions (L x W x H) | 146" x 34" x 46" | 3708 x 864 x 1168 mm |
| Shipping Weight | 3,190 lbs. | 1450 kgs. |

Specifications subject to change without notice.



BB-12014

- ◆ Heavy duty
- ◆ Bend angle indicator and stop rod for repeatability
- ◆ Adjustable counterweights for apron lift assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ Sturdy floor stand
- ◆ 2-piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- ◆ 6" box depth

| SPECIFICATIONS BB-12014 | | |
|---------------------------------|-------------------|----------------------|
| Length | 120" | 3048 mm |
| Thickness (SS) | 14 ga. (18 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Box Depth | 6" | 152 mm |
| Shipping Dimensions (L x W x H) | 146" x 34" x 48" | 3708 x 864 x 1118 mm |
| Shipping Weight | 3,410 lbs. | 1550 kgs. |

Specifications subject to change without notice.

Box & Pan Brakes – BB-14418 / BB-15722

| SPECIFICATIONS BB-14418 | | |
|---------------------------------|-------------------|----------------------|
| Length | 144" | 3658 mm |
| Thickness (SS) | 18 ga. (22 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Box Depth | 6" | 152 mm |
| Shipping Dimensions (L x W x H) | 168" x 34" x 48" | 4267 x 864 x 1219 mm |
| Shipping Weight | 5,390 lbs. | 2450 kgs. |

Specifications subject to change without notice.

- ◆ Heavy duty
- ◆ Adjustable counterweight apron assist
- ◆ Adjustable beam
- ◆ 6" box depth
- ◆ Sturdy floor stand
- ◆ 2-piece hardened finger assortment 6-3", 6-4", 10-5", 9-6"



BB-14418

| SPECIFICATIONS BB-15722 | | |
|---------------------------------|-------------------|----------------------|
| Length | 157" | 3988 mm |
| Thickness (SS) | 22 . (26 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm. |
| Min. Reverse Bend | .625" | 16 mm |
| Box Depth | 6" | 152 mm |
| Shipping Dimensions (L x W x H) | 185" x 36" x 48" | 4700 x 914 x 1219 mm |
| Shipping Weight | 5,940 lbs. | 2700 kgs. |

Specifications subject to change without notice.

- ◆ Heavy duty
- ◆ Adjustable counterweight apron assist
- ◆ Adjustable beam
- ◆ 6" box depth
- ◆ Sturdy floor stand
- ◆ 2-piece hardened finger assortment 6-3", 6-4", 10-5", 11-6"



BB-15722

Box & Pan Brakes – BB-4012F

- ◆ Foot operated material clamping
- ◆ Enables easy material adjustment
- ◆ Stop rod for repeatable bending
- ◆ Finger assortment
(1 pc. each size): 1", 1-1/8",
1-3/8", 1-1/2", 1-3/4", 2", 3", 4",
6", 7-3/4", 10-5/8"
- ◆ .033" finger radius

| SPECIFICATIONS – BB-4012F | | |
|---|-----------------|----------------------|
| Length | 40" | 1016 mm |
| Thickness (SS) | 12 ga. (16 ga.) | |
| Bend Angle | 0 – 135° | |
| Max. Clamping Bar Lift (foot operated) | 1.85" | 47 mm |
| Box Depth | 2.5" | 63.5 mm |
| Shipping Dimensions (L x W x H) | 58" x 25" x 50" | 1473 x 635 x 1270 mm |
| Shipping Weight | 705 lbs. | 320 kgs. |

Specifications subject to change without notice.



Box & Pan Brakes – BB-5014F

| SPECIFICATIONS – BB-5014F | | |
|--|-----------------|----------------------|
| Length | 50" | 1270 mm |
| Thickness (SS) | 14 ga. (18 ga.) | |
| Bend Angle | 0 – 135° | |
| Max. Clamping Bar Lift (foot operated) | 1.85" | 47 mm |
| Box Depth | 2.5" | 63.5 mm |
| Shipping Dimensions (L x W x H) | 67" x 28" x 50" | 1702 x 711 x 1207 mm |
| Shipping Weight | 800 lbs. | 364 kgs. |

Specifications subject to change without notice.

- ◆ Foot operated material clamping
- ◆ Enables easy material adjustment
- ◆ Stop rod for repeatable bending
- ◆ Finger assortment (1 pc. each size): 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 3", 4", 6", 7-3/4", 10", 10-5/8"
- ◆ .033" finger radius



Box & Pan Brakes – BB-5016F-DS



- ◆ Foot operated material clamping
- ◆ Segmented fingers on the top and bottom beam for unique applications and reverse bends
- ◆ Enables easy material adjustment
- ◆ Stop rod for repeatability
- ◆ Finger assortment
(1 pc. each size): 2 x 1-1/2",
4 x 2", 5 x 3", 6 x 6"
- ◆ .033" finger radius

| SPECIFICATIONS – BB-5016F-DS | | |
|--|-----------------|----------------------|
| Length | 50" | 1270 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 135° | |
| Max. Clamping Bar Lift (foot operated) | 1.85" | 47 mm |
| Box Depth | 2.5" | 63.5 mm |
| Shipping Dimensions (L x W x H) | 67" x 28" x 50" | 1702 x 711 x 1207 mm |
| Shipping Weight | 1,000 lbs. | 454 kgs. |

Specifications subject to change without notice.

Magnetic Brakes – BB-4816M / BB-7216M

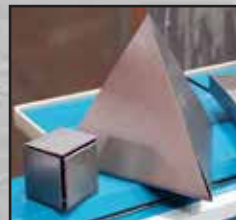


BB-4816M

- ◆ 48" x 16-gauge mild steel capacity
- ◆ Magnetic clamping brake
- ◆ Unlimited box depth
- ◆ Includes multiple finger lengths (1", 1-1/2", 2", 2-3/4", 5-1/2" and 11")
- ◆ Bending stop included
- ◆ 10-piece clamp set
- ◆ 220V 1-phase

| SPECIFICATIONS – BB-4816M | | |
|---------------------------------|-----------------|----------------------|
| Length | 48" | 1219 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 180° | |
| Clamping Force | 6 ton | |
| Max. Clamping Bar Lift (magnet) | Unlimited | |
| Box Depth | Unlimited | |
| Power Requirements | 220V – 1-phase | |
| Shipping Dimensions (L x W x H) | 57" x 44" x 34" | 1448 x 1118 x 864 mm |
| Shipping Weight | 462 lbs. | 210 kgs. |

Specifications subject to change without notice.



BB-7216M

- ◆ 72" x 16-gauge mild steel capacity
- ◆ Magnetic clamping brake
- ◆ Easy raise clamp bar
- ◆ Unlimited box depth
- ◆ Bending stop included
- ◆ 7-piece clamp set
- ◆ 220V 1-phase

| SPECIFICATIONS – BB-7216M | | |
|---------------------------------|-----------------|----------------------|
| Length | 72" | 1829 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 180° | |
| Clamping Force | 6 ton | |
| Max. Clamping Bar Lift (magnet) | Unlimited | |
| Box Depth | Unlimited | |
| Power Requirements | 220V – 1-phase | |
| Shipping Dimensions (L x W x H) | 87" x 44" x 15" | 2200 x 1120 x 380 mm |
| Shipping Weight | 792 lbs. | 360 kgs. |

Specifications subject to change without notice.

Magnetic Brakes – BB-9616M

- ◆ 96" x 16-gauge mild steel capacity
- ◆ Magnetic clamping brake
- ◆ Easy raise clamp bar
- ◆ Unlimited box depth
- ◆ Bending stop included
- ◆ 220V 1-phase



| SPECIFICATIONS – BB-9616M | | |
|---------------------------------|------------------|----------------------|
| Length | 96" | 1220 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Bend Angle | 0 – 180° | |
| Clamping Force | 6 ton | |
| Max. Clamping Bar Lift (magnet) | Unlimited | |
| Box Depth | Unlimited | |
| Power Requirements | 220V – Single | |
| Shipping Dimensions (L x W x H) | 106" x 44" x 15" | 2700 x 1120 x 380 mm |
| Shipping Weight | 924 lbs. | 420 kgs. |

Specifications subject to change without notice.



Hydraulic Box & Pan Brakes – BB-4810H / BB-7210H

| SPECIFICATIONS – BB-4810H | | |
|---------------------------------|-------------------|-----------------------|
| Length | 48" | 1219 mm |
| Thickness (SS) | 10 ga. (12 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm |
| Min. Reverse Bend | .984" | 25 mm |
| Box Depth | 6" | 152 mm |
| Motor | 3 hp | |
| Power Requirements | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 83" x 46" x 69" | 2108 x 1168 x 1753 mm |
| Shipping Weight | 3,850 lbs. | 1750 kgs. |

Specifications subject to change without notice.

- ◆ 48" x 10-gauge mild steel capacity
- ◆ Box, pan, and straight
- ◆ 11-finger assortment
- ◆ Programmable bend angle
- ◆ Hydraulically operated
- ◆ 2-piece hardened finger assortment: 3-3", 2-4", 5-5", 1-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase



BB-4810H

- ◆ 72" x 10-gauge mild steel capacity
- ◆ Box, pan, and straight
- ◆ 17-finger assortment
- ◆ Programmable bend angle
- ◆ Hydraulically operated
- ◆ 2-piece hardened finger assortment: 6-3", 3-4", 6-5", 2-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase



BB-7210H

| SPECIFICATIONS – BB-7210 H | | |
|---------------------------------|-------------------|-----------------------|
| Length | 72" | 1829 mm |
| Thickness (SS) | 10 ga. (12 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm |
| Min. Reverse Bend | .984" | 25 mm |
| Box Depth | 6" | 152 mm |
| Motor | 5 hp | |
| Power Requirements | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 110" x 44" x 69" | 2794 x 1118 x 1753 mm |
| Shipping Weight | 5,280 lbs. | 2400 kgs. |

Specifications subject to change without notice.

Hydraulic Box & Pan Brakes – BB-9612H / BB-9610H



BB-9612H

- ◆ 96" x 12-gauge mild steel capacity
- ◆ Box, pan, and straight
- ◆ Programmable bend angle
- ◆ Hydraulically operated
- ◆ 2-piece finger assortment: 6-3", 4-4", 10-5", 2-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase

| SPECIFICATIONS – BB-9612H | | |
|---------------------------------|-------------------|-----------------------|
| Length | 96" | 2438 mm |
| Thickness (SS) | 12 ga. (16 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm |
| Min. Reverse Bend | .630" | 16 mm |
| Box Depth | 6" | 152 mm |
| Motor | 3 hp | |
| Power Requirements | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 132" x 46" x 67" | 3353 x 1168 x 1702 mm |
| Shipping Weight | 5,192 lbs. | 2360 kgs. |

Specifications subject to change without notice.



BB-9610H

- ◆ 96" 10-gauge capacity
- ◆ Heavy duty
- ◆ Programmable bend angle with automatic return
- ◆ Hydraulic clamp, bend, and return
- ◆ Adjustable beam
- ◆ 2-piece finger assortment: 6-3", 4-4", 10-5", 2-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase

| SPECIFICATIONS – BB-9610H | | |
|---------------------------------|-------------------|-----------------------|
| Length | 96" | 2438 mm |
| Thickness (SS) | 10 ga. (12 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm |
| Min. Reverse Bend | .984" | 25 mm |
| Box Depth | 6" | 152 mm |
| Motor | 5 hp | |
| Power Requirements | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 132" x 46" x 71" | 3353 x 1168 x 1803 mm |
| Shipping Weight | 5,940 lbs. | 2700 kgs. |

Specifications subject to change without notice.

Hydraulic Box & Pan Brakes – BB-12014H / BB-12010H

| SPECIFICATIONS – BB-12014H | | |
|---------------------------------|-------------------|-----------------------|
| Length | 120" | 3048 mm |
| Thickness (SS) | 14 ga. (18 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm |
| Min. Reverse Bend | .5" | 12.7 mm |
| Box Depth | 6" | 152 mm |
| Motor | 3 hp | |
| Power Requirements | 220V – 3-phase | |
| Shipping Dimensions (L x W x H) | 153" x 46" x 67" | 3886 x 1168 x 1702 mm |
| Shipping Weight | 5,830 lbs. | 2650 kgs. |

Specifications subject to change without notice.

- ◆ Heavy duty
- ◆ Programmable bend angle with automatic return
- ◆ Hydraulic clamp, bend, and return
- ◆ Adjustable beam for varying sheet thickness
- ◆ 120" x 14-gauge capacity
- ◆ 2-piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase



BB-12014H



BB-12010H

- ◆ 120" x 10-gauge capacity
- ◆ Box, pan, and straight
- ◆ Programmable angle
- ◆ Hydraulically powered
- ◆ 2-piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase

| SPECIFICATIONS – BB-12010H | | |
|---------------------------------|-------------------|-----------------------|
| Length | 120" | 3048 mm |
| Thickness (SS) | 10 ga. (12 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm |
| Min. Reverse Bend | .984" | 25 mm |
| Box Depth | 6" | 152 mm |
| Motor | 5 hp | |
| Power Requirements | 220V – 3 phase | |
| Shipping Dimensions (L x W x H) | 153" x 46" x 71" | 3886 x 1168 x 1803 mm |
| Shipping Weight | 7,700 lbs. | 3500 kgs. |

Specifications subject to change without notice.

Hydraulic Box & Pan Brakes – BB-12010H-NC

- ◆ 120" x 10-gauge capacity
- ◆ 2 axis NC controlled
- ◆ Programmable bend angle with automatic return
- ◆ Hydraulic clamp, bend, and return
- ◆ Two piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- ◆ Electric back gauge
- ◆ 220V 3-phase



| SPECIFICATIONS – BB-12010H-NC | | |
|---------------------------------|-------------------|-----------------------|
| Length | 120" | 3048 mm |
| Thickness (SS) | 10 ga. (12 ga.) | |
| Bend Angle | 0 – 135° | |
| Finger Sizes | 3" – 4" – 5" – 6" | |
| Beam Adjustment | 1" | 25.4 mm |
| Min. Reverse Bend | .984" | 25 mm |
| Box Depth | 6" | 152 mm |
| Motor | 5 hp | |
| Power Requirements | 220V – 3 phase | |
| Shipping Dimensions (L x W x H) | 153" x 46" x 71" | 3886 x 1168 x 1803 mm |
| Shipping Weight | 7,700 lbs. | 3500 kgs. |

Specifications subject to change without notice.



Vertical Press Brakes – BP-4830

SPECIFICATIONS – BP-4830

| | |
|---------------------------|--|
| Working Width | 48" |
| Working Pressure | 30 tons |
| Mild Steel Capacity | 8 ga. |
| Stainless Steel Capacity | 10 ga. |
| Stroke | 5.9" |
| Distance Between Housings | 51.9" |
| Back Gauge Length | 21.6" |
| Included Tooling | Multi-Vee Bottom Die with .75", 1", 1.5" and 2" Openings |
| Drive Type | Hydraulic |
| Speeds | Single |
| Motor Hp | 4 |
| Power | 220V Three Phase |
| Shipping Weight | 1,376 lbs. |
| Shipping Dimensions | 85.4" x 36.2" x 56.3" |

Specifications subject to change without notice.

- ◆ Easy to use
- ◆ 30 tons of pressure
- ◆ 8 ga. mild steel capacity
- ◆ 48" wide bending
- ◆ Open top beam design
- ◆ Hydraulic tilt of top beam for easy material removal
- ◆ Multi Vee Bottom die
- ◆ Adjustable down stop for repeatability
- ◆ Foot pedal controlled
- ◆ Includes casters for portability
- ◆ Single speed design
- ◆ 220V 3 phase



Shown without safety guarding to show hydraulic system.



Vertical Press Brakes – BP-3142NC



| SPECIFICATIONS – BP-3142NC | | |
|---------------------------------|---------------------|------------------|
| Tons at 3000 PSI | 42 | 37.5 |
| Maximum Pressure | 3000 psi | |
| Table Length | 31" | 787.4 mm |
| Distance Between Housings | 29" | 736 mm |
| Distance From Table to Ram | 7.75" | 196 mm |
| Max. Ram Opening Empty | 8.75" | 222 mm |
| Throat Depth to Ram CL | 6.75" | 171 mm |
| Stroke Distance | 2" | 50.8 mm |
| Bending Speed | 0.4" / sec. | 10 mm / sec. |
| Return Speed | 1.1" / sec. | 27 mm / sec. |
| Approach Speed | 0.9" / sec. | 22 mm / sec. |
| Back Gauge Length | 19.5" | 495 mm |
| HP | 2 hp | |
| Voltage | 220V / Single Phase | |
| Shipping Dimensions (L x W x H) | 48" x 48" x 72" | 1220x1220x1830mm |
| Shipping Weight | 2,000 lbs. | 4400 kgs. |

Specifications subject to change without notice.

- ◆ 31" width
- ◆ 1/4" mild steel capacity
- ◆ Multi vee bottom die
- ◆ DRO for back gauge and down position
- ◆ Foot pedal controlled
- ◆ 220 Volt

Vertical Press Brakes – BP-3305CNC

| SPECIFICATIONS – BP-3305CNC | | |
|---------------------------------|-----------------|-----------------|
| Maximum Pressure | 33 ton | 30 ton |
| Distance Between Housings | 51" | 1304 mm |
| Distance From Table to Ram | 13.3" | 340 mm |
| Throat Depth | 7.8" | 200 mm |
| Table Size (Length) | 63" | 1600 mm |
| Stroke Distance | 3.14" | 80 mm |
| Approach Speed | 3.5" / sec. | 88.9 mm / sec. |
| Bending Speed | .393" / sec. | 9.982 mm / sec. |
| Return Speed | 3.34" / sec. | 84.84 mm / sec. |
| Main Motor | 4 hp | |
| Voltage | 220V / 3Phase | |
| Oil Capacity | 30 gallon | |
| Shipping Dimensions (L x W x H) | 79" x 44" x 79" | 2000x1100x200mm |
| Shipping Weight | 3,960 lbs. | 1800 kgs. |

Specifications subject to change without notice.

- ◆ 33 ton
- ◆ 63" length
- ◆ 2 axis control
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Light curtain
- ◆ Quick release tooling system
- ◆ Accepts european style press brake tooling
- ◆ Foot pedal controlled



Vertical Press Brakes – BP-3350NC



SPECIFICATIONS – BP-3350NC

| | | |
|---|------------------------|------------------|
| Maximum Pressure | 33 tons | 30 ton |
| Bending Capacity (max. length @ max. thickness) | 50" / .098" | 1270 mm / 2.5 mm |
| Distance Between Housings | 38.18" | 970 mm |
| Distance From Table to Ram | 9.84" | 250 mm |
| Throat Depth (to housing) | 7.87" | 200 mm |
| Stroke Distance | 5.9" | 150 mm |
| Approach Speed | 3.14" / sec. | |
| Bending Speed | .275" / sec. | |
| Return Speed | 2.36" / sec. | |
| Power Back Gauge Length | 23.62" | 600 mm |
| Main Motor | 3 hp | |
| Back Gauge Motor | 1/2 hp | |
| Voltage | 220V / 3-phase | |
| Oil Capacity | 20 gal. | |
| Shipping Dimensions (L x W x H) | 55.5" x 47.5" x 80.75" | 1410x1206x2051mm |
| Shipping Weight | 2,640 lbs. | 1200 kgs. |

Specifications subject to change without notice.

- ◆ Electric back gauge with manual micrometer adjustment standard
- ◆ Extra-wide guideways for exceptional rigidity
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Oversized hydraulic tank with high-performance pump smooths and stabilizes oil flow
- ◆ Photo electric safety curtain standard

Vertical Press Brakes – BP-3360NC

SPECIFICATIONS – BP-3360NC

| | | |
|---|----------------------|-------------------|
| Maximum Pressure | 33 tons | 30 ton |
| Bending Capacity (max. length @ max. thickness) | 61" / .078" | 1550 mm / 2.0 mm |
| Distance Between Housings | 49.21" | 1250 mm |
| Distance From Table to Ram | 9.84" | 250 mm |
| Throat Depth (to housing) | 7.87" | 200 mm |
| Stroke Distance | 5.9" | 150 mm |
| Approach Speed | 3.14" / sec. | |
| Bending Speed | .275" / sec. | |
| Return Speed | 2.36" / sec. | |
| Power Back Gauge Length | 23.62" | 600 mm |
| Main Motor | 3 hp | |
| Back Gauge Motor | 1/2 hp | |
| Voltage | 220V / 3-phase | |
| Oil Capacity | 24 gal. | |
| Shipping Dimensions (L x W x H) | 67" x 47.5" x 80.75" | 1702x1205x2051 mm |
| Shipping Weight | 3,300 lbs. | 1500 kgs. |

Specifications subject to change without notice.

- ◆ Electric back gauge with manual micrometer adjustment standard
- ◆ Extra-wide guideways for exceptional rigidity
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Oversized hydraulic tank with high-performance pump smooths and stabilizes oil flow
- ◆ Photo electric safety curtain standard
- ◆ Vertical positioning via electronic encoder and mechanical stops



Vertical Press Brakes – BP-5060NC



| SPECIFICATIONS – BP-5060NC | | |
|---|----------------------|------------------|
| Maximum Pressure | 50 tons | 45 ton |
| Bending Capacity (max. length @ max. thickness) | 61" / .118" | 1550 mm / 3 mm |
| Distance Between Housings | 49.21" | 1250 mm |
| Distance From Table to Ram | 11.81" | 300 mm |
| Throat Depth (to housing) | 7.87" | 200 mm |
| Stroke Distance | 5.9" | 150 mm |
| Approach Speed | 3.14" / sec. | |
| Bending Speed | .275" / sec. | |
| Return Speed | 2.36" / sec. | |
| Power Back Gauge Length | 23.62" | 600 mm |
| Main Motor | 5 hp | |
| Back Gauge Motor | 1/2 hp | |
| Voltage | 220V / 3-phase | |
| Oil Capacity | 28 gal. | |
| Shipping Dimensions (L x W x H) | 74.80"x51.18"x86.61" | 1900x1300x2200mm |
| Shipping Weight | 6,160 lbs. | 2800 kgs. |

Specifications subject to change without notice.

- ◆ Electric back gauge with manual micrometer adjustment standard
- ◆ Extra-wide guideways for exceptional rigidity
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Oversized hydraulic tank with high-performance pump smooths and stabilizes oil flow
- ◆ Photo electric safety curtain standard
- ◆ Vertical positioning via electronic encoder and mechanical stops

Vertical Press Brakes – BP-6778NC

| SPECIFICATIONS – BP-6778NC | | |
|---|----------------------|-------------------|
| Maximum Pressure | 67 tons | 60 ton |
| Bending Capacity (max. length @ max. thickness) | 78.75" / .157" | 2000 mm / 4.0 mm |
| Distance Between Housings | 61" | 1550 mm |
| Distance From Table to Ram | 11.81" | 300 mm |
| Table Width | 6.29" | 160 mm |
| Throat Depth (to housing) | 7.87" | 200 mm |
| Stroke Distance | 5.9" | 150 mm |
| Approach Speed | 3.14" / sec. | |
| Bending Speed | .275" / sec. | |
| Return Speed | 2.36" / sec. | |
| Power Back Gauge Length | 23.62" | 600 mm |
| Main Motor | 7.5 hp | |
| Back Gauge Motor | 1/2 hp | |
| Voltage | 220V / 3-phase | |
| Oil Capacity | 35 gal. | |
| Shipping Dimensions (L x W x H) | 90.55"x61.02"x94.48" | 2300x1550x2400 mm |
| Shipping Weight | 7,700 lbs. | 3500 kgs. |

Specifications subject to change without notice.

- ◆ Electric back gauge with manual micrometer adjustment standard
- ◆ Extra-wide guideways for exceptional rigidity
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Oversized hydraulic tank with high-performance pump smooths and stabilizes oil flow
- ◆ Photo electric safety curtain standard
- ◆ Vertical positioning via electronic encoder and mechanical stops



Vertical Press Brakes – BP-5078CNC



SPECIFICATIONS – BP-5078CNC

| | | |
|---------------------------------|-----------------|-----------------------|
| Maximum Pressure | 45 tons | 40 ton |
| Table Length | 78.7" | 2000 mm |
| Distance between housings | 64.5" | 1640 mm |
| Distance from Table to Ram | 11.81" | 300 mm |
| Throat Depth (to housing) | 7.87" | 200 mm |
| Stroke Distance | 3.93" | 100 mm |
| Approach Speed | 3.93" / sec. | 100 mm / sec. |
| Bending Speed | .393" / sec. | 10 mm / sec. |
| Return Speed | 3.5" / sec. | 90 mm / sec. |
| Power Back Gauge Length | 15.7" | 400 mm |
| Main Motor | 4 hp | |
| Back Gauge Motor | 1/2 hp | |
| Voltage | 220V 3-phase | |
| Shipping Dimensions (L x W x H) | 86" x 44" x 78" | 2160 x 1110 x 1980 mm |
| Shipping Weight | 6,000 lbs. | 2730 kgs. |

Specifications subject to change without notice.

- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available

Vertical Press Brakes – BP-7098CNC

SPECIFICATIONS – BP-7098CNC

| | | |
|---------------------------------|----------------|-------------------|
| Maximum Pressure | 70 tons | 63 ton |
| Table Length | 98.4" | 2500 mm |
| Distance between housings | 80" | 2050 mm |
| Distance from Table to Ram | 14" | 360 mm |
| Throat Depth (to housing) | 9.8" | 250 mm |
| Stroke Distance | 4.7" | 120 mm |
| Approach Speed | 2.0" / sec. | |
| Bending Speed | .6" / sec. | |
| Return Speed | 2.36" / sec. | |
| Power Back Gauge Length | 23.62" | 600 mm |
| Main Motor | 7 hp | |
| Back Gauge Motor | 1/2 hp | |
| Voltage | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 107"x52"x85" | 2700x1300x2155 mm |
| Shipping Weight | 9,251 lbs. | 4205 kgs. |

Specifications subject to change without notice.

- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available



Vertical Press Brakes – BP-11210CNC



SPECIFICATIONS – BP-11210CNC

| | | |
|---------------------------------|------------------|------------------|
| Maximum Pressure | 112 tons | 100 ton |
| Table Length | 125" | 3200 mm |
| Distance between housings | 102" | 2600 mm |
| Distance from Table to Ram | 15.3" | 390 mm |
| Throat Depth (to housing) | 12.5" | 320 mm |
| Stroke Distance | 4.7" | 120 mm |
| Approach Speed | 2.0" / sec. | |
| Bending Speed | .6" / sec. | |
| Return Speed | 2.36" / sec. | |
| Power Back Gauge Length | 23.62" | 600 mm |
| Main Motor | 10 hp | |
| Back Gauge Motor | 1/2 hp | |
| Voltage | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 134" x 52" x 95" | 3400x1320x2400mm |
| Shipping Weight | 14,403 lbs. | 6570 kgs. |

Specifications subject to change without notice.

- ◆ Available in both 10' and 13' lengths
- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available

Vertical Press Brakes – BP-14010 / 14013 CNC

| SPECIFICATIONS – BP-14010/13CNC | | |
|---------------------------------|------------------|------------------|
| Maximum Pressure | 140 tons | 125 ton |
| Table Length | 125/157" | 3200/4000 mm |
| Distance between housings | 102/124" | 2600/3150 mm |
| Distance from Table to Ram | 15.3" | 390 mm |
| Throat Depth (to housing) | 12.5" | 320 mm |
| Stroke Distance | 4.7" | 120 mm |
| Approach Speed | 2.0" / sec. | |
| Bending Speed | .6" / sec. | |
| Return Speed | 2.36" / sec. | |
| Power Back Gauge Length | 23.62" | 600 mm |
| Main Motor | 10 hp | |
| Back Gauge Motor | 1/2 hp | |
| Voltage | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | | |
| 10 Foot | 134" x 52" x 95" | 3400x1320x2400mm |
| 13 Foot | 165" x 52" x 97" | 4200x1320x2450mm |
| Shipping Weight | | |
| 10 Foot | 14,600 lbs. | 6660 kgs. |
| 13 Foot | 17,700 lbs. | 8070 kgs. |

Specifications subject to change without notice.

- ◆ Available in both 10' and 13' lengths
- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available



Vertical Press Brakes – BP-17910 / 17913 CNC



SPECIFICATIONS – BP-17910/13CNC

| | | |
|---------------------------------|-------------------|------------------|
| Maximum Pressure | 170 tons | 160 ton |
| Table Length | 125/157" | 3200/4000 mm |
| Distance between housings | 100/123" | 2540/3140 mm |
| Distance from Table to Ram | 17.7" | 450 mm |
| Throat Depth (to housing) | 12.5" | 320 mm |
| Stroke Distance | 7" | 180 mm |
| Approach Speed | 2.0" / sec. | |
| Bending Speed | .6" / sec. | |
| Return Speed | 2.36" / sec. | |
| Power Back Gauge Length | 23.62" | 600 mm |
| Main Motor | 15 hp | |
| Back Gauge Motor | 1/2 hp | |
| Voltage | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | | |
| 10 Foot | 134" x 64" x 103" | 3400x1620x2600mm |
| 13 Foot | 166" x 64" x 103" | 4200x1620x2600mm |
| Shipping Weight | | |
| 10 Foot | 21,280 lbs. | 9700 kgs. |
| 13 Foot | 24,640 lbs. | 11235 kgs. |

Specifications subject to change without notice.

- ◆ Available in both 10' and 13' lengths
- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available

Vertical Press Brakes – BP-22410 / 22413 CNC

| SPECIFICATIONS – BP-22410/13CNC | | |
|---------------------------------|-------------------|------------------|
| Maximum Pressure | 224 tons | 200 ton |
| Table Length | 125/157" | 3200/4000 mm |
| Distance between housings | 102/120" | 2600/3048 mm |
| Distance from Table to Ram | 19.6" | 500 mm |
| Throat Depth (to housing) | 12.5" | 320 mm |
| Stroke Distance | 7.87" | 200 mm |
| Approach Speed | 2.0" / sec. | |
| Bending Speed | .6" / sec. | |
| Return Speed | 2.36" / sec. | |
| Power Back Gauge Length | 23.62" | 600 mm |
| Main Motor | 15 hp | |
| Back Gauge Motor | 1/2 hp | |
| Voltage | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | | |
| 10 Foot | 134" x 70" x 106" | 3400x1780x2675mm |
| 13 Foot | 166" x 70" x 125" | 4200x1780x3160mm |
| Shipping Weight | | |
| 10 Foot | 25,760 lbs. | 11750 kgs. |
| 13 Foot | 29,568 lbs. | 13480 kgs. |

Specifications subject to change without notice.

- ◆ Available in both 10' and 13' lengths
- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available



Vertical Press Brakes – BP-25013 CNC-5



Shown with Delem®
DA-56 controller

SPECIFICATIONS – BP-25013 CNC-5

| | | |
|----------------------------|-------------------|-----------------------|
| Table Size (Length) | 157" | 4000 mm |
| Back Gauge Length | 23.5" | 600 mm |
| Maximum Pressure | 254 tons | |
| Throat Depth | 15.7" | 400 mm |
| Stroke Distance | 11" | 280 mm |
| Approach Speed | 4" / sec. | 101 mm / sec. |
| Back Gauge Motor | 1/2 hp | |
| Bending Speed | .35" / sec | 8.89 mm / sec |
| Main Motor | 29.5 hp | |
| Distance Between Housings | 124" | 3150 mm |
| Distance From Table To Ram | 20.4" | 520 mm |
| Number of Axis Controlled | 5 (Y1-Y2-X-R-V) | |
| Power | 480V 3-Phase | |
| Shipping Dimensions | 175" x 79" x 103" | 4445 x 2000 x 3700 mm |
| Shipping Weight | 36,400 lbs. | 16600 kgs. |

Specifications subject to change without notice.

- ◆ Many controller options available
- ◆ Graphical programming
- ◆ Large LCD display
- ◆ Repetitive accuracy $\pm .02$ mm
- ◆ Light curtains
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Includes goose neck punch and multi vee die
- ◆ Foot pedal controlled

Horizontal Press Brakes – HPB-45NC

| SPECIFICATIONS – HPB-45NC | | |
|---------------------------------|-------------------|------------------------|
| Pressure | 45 tons | 40 ton |
| Stroke Length | 9.84" | 250 mm |
| Stroke Accuracy | +/- .002" | |
| Approach Speed | 1.5" / sec. | |
| Working Speed | .51" / sec. | |
| Return Speed | .78" / sec. | |
| Fixture Holes | (1) @ 3.268" dia. | (1) @ 83 mm dia. |
| | (3) @ 2.283" dia. | (3) @ 58 mm dia. |
| Punch Height | 7.875" | 200 mm |
| Table Height | 36.61" | 930 mm |
| Motor | 5 hp | |
| Power Requirement | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 64" x 26" x 47" | 1626 x 660 x 1194 mm |
| | Shipping Weight | 2,266 lbs. / 1030 kgs. |

Specifications subject to change without notice.

| OPTIONAL TOOLING | |
|------------------|--|
| SKU | Description |
| 1004701 | Set of Three Bending Press Inserts for HPB-45NC, 1.5, 5, 10mm Radius |
| 1004702 | Multi-Vee Die For HPB-45NC, 16,22,30,40mm Openings, 200MM Height |
| 1004714 | Pipe Bending Tool for HPB-45NC |
| 1004715 | 125mm Single Vee Die For HPB-45NC, 200mm Height. |
| 1004716 | 160mm Single Vee Die For HPB-45NC, 200mm Height. |
| 1004717 | 80mm Single Vee Die For HPB-45NC, 200mm Height |



- ◆ Perfect for production bending, punching, and shearing of small parts (with optional tooling)
- ◆ Cylinder stroke accuracy to +/- .002"
- ◆ Easy to use programmable NC controller
- ◆ Manual back gauge standard
- ◆ Vertical positioning via electronic encoder and mechanical stops



Horizontal Press Brakes – HPB-78NC



| OPTIONAL TOOLING | |
|------------------|--|
| SKU | Description |
| 1004718 | Set of Three Bending Press Inserts for HPB-78NC, 1.5, 5, 10mm Radius |
| 1004719 | Multi Vee Die For HPB-78NC, 16, 22, 30, 40mm Width 300mm Height |
| 1004724 | Pipe Bending Tool for HPB-78NC |
| 1004725 | 125mm Single Vee Die For HPB-78NC, 300mm Height. |
| 1004726 | 160mm Single Vee Die For HPB-78NC, 300mm Height. |
| 1004727 | 80mm Single Vee Die For HPB-78NC, 300mm Height. |

| SPECIFICATIONS – HPB-78NC | | |
|---------------------------------|-------------------|----------------------|
| Pressure | 78 tons | 70 ton |
| Stroke Length | 13.78" | 350 mm |
| Stroke Accuracy | +/- .002" | |
| Approach Speed | 1.69" / sec. | |
| Working Speed | .43" / sec. | |
| Return Speed | .55" / sec. | |
| Fixture Holes | (1) @ 4.646" dia. | (1) @ 118 mm dia. |
| | (3) @ 3.268" dia. | (3) @ 83 mm dia. |
| Punch Height | 11.81" | 300 mm |
| Table Height | 37.4" | 950 mm |
| Motor | 7.5 hp | |
| Power Requirement | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 81" x 38" x 61" | 2057 x 965 x 1550 mm |
| | Shipping Weight | 4,580 lbs. |

Specifications subject to change without notice.



- ◆ Perfect for production bending, punching, and shearing of small parts (with optional tooling)
- ◆ Cylinder stroke accuracy to +/- .002"
- ◆ Easy to use programmable NC controller
- ◆ Manual back gauge standard

Manual Shears – MPS-3 / MPS-1

SPECIFICATIONS – MPS-3

| | | |
|---------------------------------|--------------------|--------------------|
| Shear Capacity | .075" | 2 mm |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 13" x 9.5" x 13.5" | 330 x 241 x 343 mm |
| Shipping Weight | 49 lbs. | 23 kgs. |

Specifications subject to change without notice.

- ◆ Throatless shear
- ◆ Ratcheting handle
- ◆ Bench-mounted
- ◆ Adjustable material stop with angle gauge

MPS-3



SPECIFICATIONS – MPS-1

| | | |
|---------------------------------|-------------------|--------------------|
| Shear Capacity | .08" | 2 mm |
| Shear Length | 2.5" | 63.5 mm |
| Blade Length | 4.25" | 108 mm |
| Power Requirements | Manual | |
| Shipping Dimensions (L x W x H) | 24" x 10" x 13.5" | 610 x 254 x 343 mm |
| Shipping Weight | 18 lbs. | 9 kgs. |

Specifications subject to change without notice.

- ◆ Throatless — Design
- ◆ 14-gauge mild steel capacity
- ◆ 4-1/4" blade length
- ◆ Makes quick work of radius corners

MPS-1



Manual Shears – MPS-2 / MPS-5

| SPECIFICATIONS – MPS-2 | | |
|---------------------------------|-----------------|--------------------|
| Shear Capacity | 10 ga. | |
| Shear Length | 2.5" | 63.5 mm |
| Blade Length | 4.25" | 108 mm |
| Power Requirements | Manual | |
| Shipping Dimensions (L x W x H) | 24" x 24" x 24" | 610 x 610 x 610 mm |
| Shipping Weight | 50 lbs. | 23 kgs. |

Specifications subject to change without notice.

- ◆ Throatless — Design
- ◆ 10-gauge mild steel capacity
- ◆ 4-1/4" blade length
- ◆ Perfect for Radius corners



MPS-2

- ◆ Throatless — Design
- ◆ 3/16" mild steel capacity
- ◆ 5-1/4" blade length
- ◆ Perfect for Radius corners
- ◆ Includes material hold down

| SPECIFICATIONS – MPS-5 | | |
|---------------------------------|-----------------|--------------------|
| Shear Capacity | 3/16" | 5 mm |
| Shear Length | 3" | 76.2 mm |
| Blade Length | 5.25" | 133 mm |
| Power Requirements | Manual | |
| Shipping Dimensions (L x W x H) | 24" x 24" x 24" | 610 x 610 x 610 mm |
| Shipping Weight | 75 lbs. | 34 kgs. |

Specifications subject to change without notice.



MPS-5

Manual Shears – MPS-8G / MPS-12

SPECIFICATIONS MPS-8G

| Shear Capacity | | |
|---------------------------------|------------------|--------------------|
| Round | .236" | 6 mm |
| Flat Bar | 2.75" x .236" | 69.8 mm x 6 mm |
| Sheet Steel | .187" | 4.7 mm |
| Cut Length | 6.5" | 165 mm |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 20" x 6.5" x 18" | 508 x 165 x 457 mm |
| Shipping Weight | 42 lbs. | 19 kgs. |

Specifications subject to change without notice.

- ◆ 8" Multi-purpose shear
- ◆ Shears flat and round stock
- ◆ Adjustable material hold down
- ◆ Rigid construction
- ◆ Multi-edge blades for increased productivity
- ◆ Spring-assisted action for increased leverage
- ◆ Gear-driven



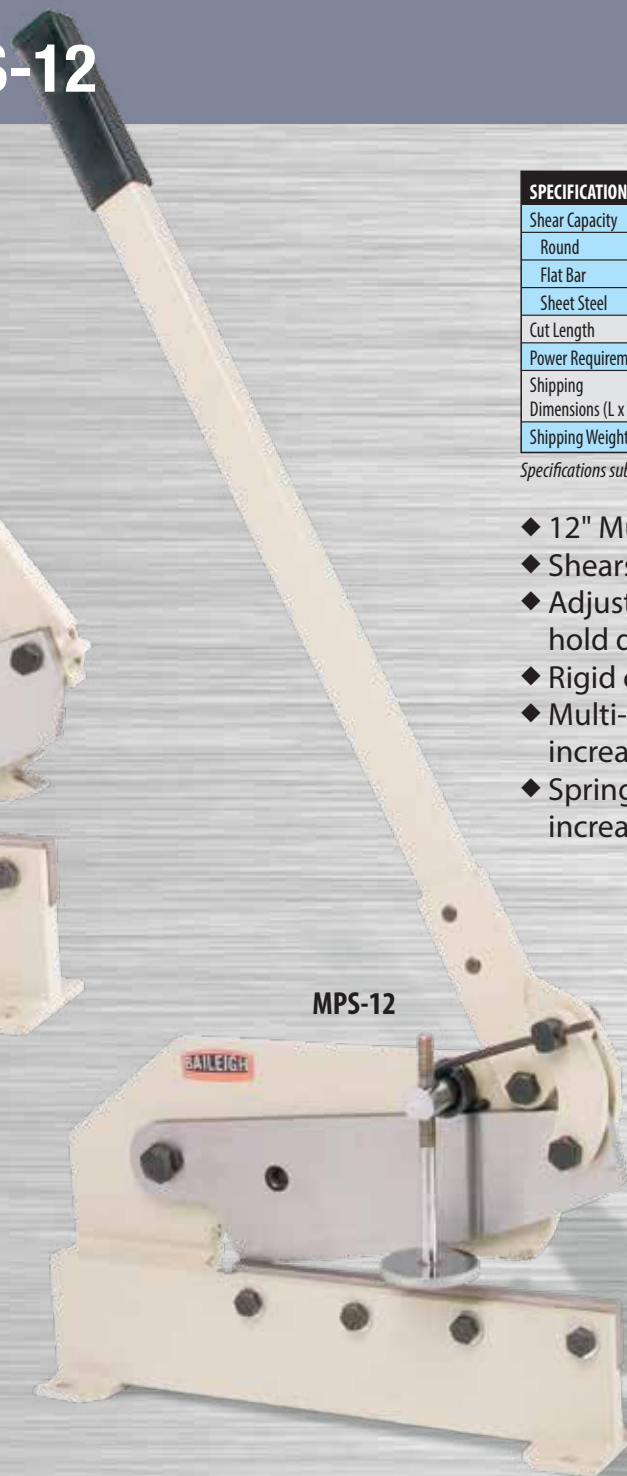
MPS-8G

SPECIFICATIONS – MPS-12

| Shear Capacity | | |
|---------------------------------|--------------------|--------------------|
| Round | .236" | 6 mm |
| Flat Bar | 2.75" x .236" | 69.8 mm x 6 mm |
| Sheet Steel | .187" | 4.7 mm |
| Cut Length | 10.375" | 263 mm |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 29" x 6.5" x 17.5" | 737 x 165 x 445 mm |
| Shipping Weight | 62 lbs. | 29 kgs. |

Specifications subject to change without notice.

- ◆ 12" Multi-purpose shear
- ◆ Shears flat and round stock
- ◆ Adjustable material hold down
- ◆ Rigid construction
- ◆ Multi-edge blades for increased productivity
- ◆ Spring-assisted action for increased leverage



MPS-12

Stomp Shears – SF-5216E / SF-5216

| SPECIFICATIONS – SF-5216E | | |
|---------------------------------|-----------------|----------------------|
| Shear Length | 52" | 1321 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Front Gauge Length | 20" | 508 mm |
| Back Gauge Length | 33" | 838 mm |
| Blade Angle | 1° | |
| Power Requirements | Manual | |
| Shipping Dimensions (L x W x H) | 66" x 30" x 46" | 1676 x 762 x 1168 mm |
| Shipping Weight | 1,199 lbs. | 545 kgs. |

Specifications subject to change without notice.

- ◆ High-carbon, high-chromium blades
- ◆ Front support arms with squaring bar
- ◆ Spring assisted operation
- ◆ 4 sided blades
- ◆ Back gauge include
- ◆ Finger guard



SF-5216E



SF-5216

| SPECIFICATIONS – SF-5216 | | |
|---------------------------------|-----------------|----------------------|
| Shear Length | 52" | 1321 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Blade Angle | 1° | |
| Power Requirements | Manual | |
| Shipping Dimensions (L x W x H) | 67" x 32" x 53" | 1702 x 813 x 1346 mm |
| Shipping Weight | 996 lbs. | 454 kgs. |

Specifications subject to change without notice.

- ◆ 52" x 16-gauge mild steel capacity
- ◆ Back and side gauges
- ◆ Finger guard
- ◆ Heavy duty frame
- ◆ Foot shear
- ◆ 4 sided blades

Pneumatic Shears – SH-5216A

| SPECIFICATIONS – SH-5216A | | |
|---------------------------------|-----------------|----------------------|
| Shear Length | 52" | 1321 mm |
| Thickness (SS) | 16 ga. (20 ga.) | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Blade Angle | 1° | |
| Power Requirements | Pneumatic | |
| Shipping Dimensions (L x W x H) | 75" x 36" x 53" | 1905 x 914 x 1346 mm |
| Shipping Weight | 1,588 lbs. | 720 kgs. |

Specifications subject to change without notice.

- ◆ 52" x 16-gauge mild steel capacity
- ◆ Back and side gauges
- ◆ Finger guard
- ◆ 20 strokes per minute
- ◆ Heavy duty frame
- ◆ Pneumatic operation
- ◆ 90 – 115 psi
- ◆ Multi-sided blades



"Within just one year of filling our shop with Baileigh equipment, we went from building just 15 trucks each year to well over 50 custom trucks each year. Baileigh tools have been one of the single most valuable investment I've ever made."

Dave Sparks
Diesel Sellerz LLC

Hydraulic Shears – SH-5210 / SH-5214

| SPECIFICATIONS – SH-5210 | | |
|---------------------------------|-----------------|----------------------|
| Shear Length | 52" | 1321 mm |
| Thickness (SS) | 10 ga. (13 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Strokes per Minute | 28 | |
| Blade Angle | 1° | |
| Motor | 5 hp | |
| Power Requirements | 220V 1-Phase | |
| Shipping Dimensions (L x W x H) | 75" x 36" x 53" | 1905 x 914 x 1346 mm |
| Shipping Weight | 3,000 lbs. | 1364 kgs. |

Specifications subject to change without notice.

- ◆ 52" x 10-gauge mild steel capacity
- ◆ Back and side gauges
- ◆ 5 HP motor
- ◆ 26 strokes per minute
- ◆ Multi-sided blades
- ◆ Front support arms
- ◆ 220V 1-phase

- ◆ High-carbon, high-chromium blades with hold downs
- ◆ Back and side gauges
- ◆ 3 HP motor
- ◆ 35 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 1-phase

| SPECIFICATIONS SH-5214 | | |
|---------------------------------|-----------------|----------------------|
| Shear Length | 52" | 1321 mm |
| Thickness (SS) | 14 ga. (18 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Strokes per Minute | 35 | |
| Blade Angle | 1° | |
| Motor | 3 hp | |
| Power Requirements | 220V 1-Phase | |
| Shipping Dimensions (L x W x H) | 74" x 36" x 53" | 1880 x 914 x 1346 mm |
| Shipping Weight | 1,900 lbs. | 864 kgs. |

Specifications subject to change without notice.



SH-5210



SH-5214

Hydraulic Shears – SH-6014 / SH-6010

| SPECIFICATIONS – SH-6014 | | |
|---------------------------------|-----------------|----------------------|
| Shear Length | 60" | 1524 mm |
| Thickness (SS) | 14 ga. (18 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Strokes per Minute | 30 | |
| Blade Angle | 1° | |
| Motor | 3 hp | |
| Power Requirements | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 84" x 36" x 56" | 2134 x 914 x 1422 mm |
| Shipping Weight | 3,200 lbs. | 1455 kgs. |

Specifications subject to change without notice.

- ◆ 60" x 14-gauge mild steel capacity
- ◆ High-carbon, high chromium blades with hold downs
- ◆ Front and back gauges
- ◆ Support arms
- ◆ 3 HP motor
- ◆ 30 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase

- ◆ 60" x 10-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades with hold downs
- ◆ Front and back gauges
- ◆ Support arms
- ◆ 5 HP motor
- ◆ 26 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase

| SPECIFICATIONS – SH-6010 | | |
|---------------------------------|-----------------|----------------------|
| Shear Length | 60" | 1524 mm |
| Thickness (SS) | 10 ga. (13 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Strokes per Minute | 26 | |
| Blade Angle | 1° | |
| Motor | 5 hp | |
| Power Requirements | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 84" x 36" x 56" | 2134 x 914 x 1422 mm |
| Shipping Weight | 3,500 lbs. | 1591 kgs. |

Specifications subject to change without notice.



Hydraulic Shears – SH-8014 / SH-8010

| SPECIFICATIONS – SH-8014 | | |
|---------------------------------|------------------|----------------------|
| Shear Length | 80" | 2032 mm |
| Thickness (SS) | 14 ga. (18 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Strokes per Minute | 26 | |
| Blade Angle | 1° | |
| Motor | 3 hp | |
| Power Requirements | 220V 3-phase | |
| Shipping Dimensions (L x W x H) | 104" x 36" x 53" | 2642 x 914 x 1346 mm |
| Shipping Weight | 3,700 lbs. | 1682 kgs. |

Specifications subject to change without notice.

- ◆ 80" x 14-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades
- ◆ Front and back gauges
- ◆ 3 HP motor
- ◆ Front support arms with squaring bar
- ◆ Automatic and single-stroke operations with jog mode
- ◆ 26 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase

- ◆ 80" 10-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades
- ◆ Front and back gauges
- ◆ 5 HP motor
- ◆ Front support arms with squaring bar
- ◆ Automatic and single-stroke operations with jog mode
- ◆ 24 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase

| SPECIFICATIONS – SH-8010 | | |
|---------------------------------|------------------|----------------------|
| Shear Length | 80" | 2032 mm |
| Thickness (SS) | 10 ga. | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Strokes per Minute | 24 | |
| Blade Angle | 1° | |
| Motor | 5 hp | |
| Power Requirements | 220V 3-phase | |
| Shipping Dimensions (L x W x H) | 104" x 36" x 53" | 2642 x 914 x 1346 mm |
| Shipping Weight | 4,000 lbs. | 1818 kgs. |

Specifications subject to change without notice.



Hydraulic Shears – SH-10010

SPECIFICATIONS – SH-10010

| | | |
|---------------------------------|------------------|-----------------------|
| Shear Length | 100" | 2540 mm |
| Thickness (SS) | 10 ga. (13 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Strokes per Minute | 22 | |
| Blade Angle | 2° | |
| Motor | 7.5 hp | |
| Power Requirements | 220V 3-phase | |
| Shipping Dimensions (L x W x H) | 125" x 45" x 60" | 3175 x 1143 x 1422 mm |
| Shipping Weight | 6,000 lbs. | 2728 kgs. |

Specifications subject to change without notice.

- ◆ 100" x 10-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades
- ◆ Front and back gauges
- ◆ 7.5 HP motor
- ◆ Front support arms with squaring bar
- ◆ Automatic and single-stroke operations with jog mode
- ◆ 22 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase



Hydraulic Shears – SH-12014 / SH-12010

| SPECIFICATIONS – SH-12014 | | |
|---------------------------------|------------------|-----------------------|
| Shear Length | 120" | 3048 mm |
| Thickness (SS) | 14 ga. (18 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Strokes per Minute | 20 | |
| Blade Angle | 2° | |
| Motor | 5 hp | |
| Power Requirements | 220V 3-phase | |
| Shipping Dimensions (L x W x H) | 150" x 40" x 56" | 3810 x 1015 x 1422 mm |
| Shipping Weight | 5,200 lbs. | 2364 kgs. |

Specifications subject to change without notice.

- ◆ 120" x 14-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades
- ◆ Front and back gauges
- ◆ 5 HP motor
- ◆ Front support arms with squaring bar
- ◆ Automatic and single-stroke operations with jog mode
- ◆ 20 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase



SH-12014



SH-12010

- ◆ 120" x 10-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades
- ◆ Front and back gauges
- ◆ Front support arms with squaring bar
- ◆ 7.5 HP motor
- ◆ Automatic and single-stroke operations with jog mode
- ◆ 20 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase

| SPECIFICATIONS – SH-12010 | | |
|---------------------------------|------------------|-----------------------|
| Shear Length | 120" | 3048 mm |
| Thickness (SS) | 10 ga. (13 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 24" | 609 mm |
| Back Gauge Length | 24" | 609 mm |
| Strokes per Minute | 20 | |
| Blade Angle | 2° | |
| Motor | 7.5 hp | |
| Power Requirements | 220V 3-phase | |
| Shipping Dimensions (L x W x H) | 145" x 45" x 60" | 3683 x 1143 x 1524 mm |
| Shipping Weight | 6,600 lbs. | 3000 kgs. |

Specifications subject to change without notice.

Hydraulic Shears – SH-5208-HD / SH-5210-HD

SPECIFICATIONS SH-5208-HD

| | | |
|---------------------------------|----------------------|-----------------------|
| Shear Length | 52" | 1321 mm |
| Thickness (SS) | 8 ga. (12 ga.) | |
| Front Gauge Length | 39.37" | 1000 mm |
| Back Gauge Length | 23.62" | 600 mm |
| Strokes per Minute | 30 – 42 | |
| Blade Angle | 1/2° – 2° Adjustable | |
| Motor | 10 hp | |
| Power Requirements | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 91" x 48" x 63" | 2311 x 1219 x 1600 mm |
| Shipping Weight | 4,400 lbs. | 2000 kgs. |

Specifications subject to change without notice.

- ◆ Heavy duty
- ◆ High-carbon, high-chromium
- ◆ Blade gap adjustment
- ◆ Front and back gauges
- ◆ Adjustable rake angle
- ◆ 10 HP motor
- ◆ 30 – 42 strokes per minute



SH-5208-HD



SH-5210-HD

SPECIFICATIONS SH-5210-HD

| | | |
|---------------------------------|----------------------|-----------------------|
| Shear Length | 52" | 1321 mm |
| Thickness (SS) | 10 ga. (13 ga.) | |
| Front Gauge Length | 39.37" | 1000 mm |
| Back Gauge Length | 23.62" | 600 mm |
| Strokes per Minute | 35 – 47 | |
| Blade Angle | 1/2° – 2° Adjustable | |
| Motor | 7.5 hp | |
| Power Requirements | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 91" x 48" x 63" | 2311 x 1219 x 1600 mm |
| Shipping Weight | 3,960 lbs. | 1800 kgs. |

Specifications subject to change without notice.

- ◆ 52" x 10-gauge mild steel capacity
- ◆ Front and back gauges
- ◆ Fast blade gap adjustment
- ◆ 220V 3-phase

Hydraulic Shears – SH-5203-HD / SH-5203-HD-NC

| SPECIFICATIONS SH-5203-HD | | |
|---------------------------------|----------------------|-----------------------|
| Shear Length | 52" | 1321 mm |
| Thickness (SS) | 1/4" (7 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 39.37" | 1000 mm |
| Back Gauge Length | 23.62" | 600 mm |
| Strokes per Minute | 16 – 24 | |
| Blade Angle | 1/2° – 2° Adjustable | |
| Motor | 15 hp | |
| Power Requirements | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 91" x 54" x 65" | 2311 x 1372 x 1651 mm |
| Shipping Weight | 5,720 lbs. | 2600 kgs. |

Specifications subject to change without notice.

- ◆ 52" x 1/4"-mild steel capacity
- ◆ Front and back gauges
- ◆ Fast blade gap adjustment
- ◆ 4 sided blades ◆ 220V 3-phase



- ◆ 52" x 1/4"-mild steel capacity
- ◆ NC back gauge
- ◆ Minkol controller
- ◆ Front material guides
- ◆ Fast blade gap adjustment
- ◆ Shadow line for material placement
- ◆ 4 sided blades
- ◆ 220V 3-phase

| SPECIFICATIONS SH-5203-HD-NC | | |
|---------------------------------|----------------------|-----------------------|
| Shear Length | 52" | 1321 mm |
| Thickness (SS) | 1/4" (7 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 39.37" | 1000 mm |
| Back Gauge Length | 23.62" | 600 mm |
| Strokes per Minute | 16 – 24 | |
| Blade Angle | 1/2° – 2° Adjustable | |
| Motor | 15 hp | |
| Power Requirements | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 91" x 54" x 65" | 2311 x 1372 x 1651 mm |
| Shipping Weight | 5,720 lbs. | 2600 kgs. |

Specifications subject to change without notice.



Hydraulic Shears – SH-70250-HD / SH-120250-HD

| SPECIFICATIONS – SH-70250-HD | | |
|---------------------------------|-------------------|-----------------------|
| Shear Length | 96" | 2500 mm |
| Max. Material Thickness | | |
| Mild Steel | .250" | 6.3 mm |
| Stainless Steel | .177" | 4.5 mm |
| Minimum Thickness | 18 ga. | |
| Back Gauge Length | 23.62" | 600 mm |
| Blade Rake Angle | 1.5° | |
| Blade Clearance | Manual Hand Wheel | |
| Motor | 10 hp | |
| Power Requirements | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 143" x 80" x 73" | 3632 x 2032 x 1854 mm |
| Shipping Weight | 10,525 lbs. | 4785 kgs. |

Specifications subject to change without notice.

- ◆ 96" x 1/4" mild steel capacity
- ◆ Front material guides
- ◆ Fast blade gap adjustment
- ◆ Shadow line for material placement
- ◆ 4-sided blades for long life
- ◆ 220V 3-phase

- ◆ 120" x 1/4" mild steel capacity
- ◆ Front material guides
- ◆ Fast blade gap adjustment
- ◆ Shadow line for material placement
- ◆ 4-sided blades for long life
- ◆ 220V 3-phase

| SPECIFICATIONS – SH-120250-HD | | |
|---------------------------------|----------------------------|-----------------------|
| Shear Length | 120" | 3048 mm |
| Max. Material Thickness | | |
| Mild Steel | .250" | 6.35 mm |
| Stainless Steel | .157" | 4 mm |
| Minimum Thickness | 18 ga. | |
| Strokes per Minute | 15 | |
| Back Gauge Length | 25.6" / 650 mm (motorized) | |
| Blade Rake Angle | .5° – 1.5° | |
| Blade Clearance | Manual Hand Wheel | |
| Motor | 15 hp | |
| Power Requirements | 220V 3-Phase / 60 Hertz | |
| Shipping Dimensions (L x W x H) | 154" x 64" x 77" | 3920 x 1625 x 1955 mm |
| Shipping Weight | 14,560 lbs. | 6620 kgs. |

Specifications subject to change without notice.



SH-70250-HD



SH-120250-HD

Hydraulic Shears – SH-12003-HD

- ◆ 120" x 1/4" mild steel capacity
- ◆ Single position NC controlled standard
- ◆ Front and back gauges
- ◆ Fast blade gap adjustments
- ◆ Touch screen
- ◆ 4 sided blades
- ◆ 220V 3-phase

| SPECIFICATIONS – SH-12003-HD | | |
|---------------------------------|----------------------|-----------------------|
| Shear Length | 120" | 3048 mm |
| Thickness (SS) | 1/4" (7 ga.) | |
| Minimum Thickness | 24 ga. | |
| Front Gauge Length | 39.37" | 1000 mm |
| Back Gauge Length | 31.50" | 800 mm |
| Strokes per Minute | 20 – 30 | |
| Blade Angle | 1/2° – 2° Adjustable | |
| Motor | 20 hp | |
| Power Requirements | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 158" x 70" x 85" | 4013 x 1778 x 2159 mm |
| Shipping Weight | 15,400 lbs. | 7000 kgs. |

Specifications subject to change without notice.



Hydraulic Shears – SH-120500-HD

| SPECIFICATIONS – SH-120500-HD | | |
|---------------------------------|----------------------------|-----------------------|
| Shear Length | 120" | 3048 mm |
| Max. Material Thickness | | |
| Mild Steel | .50" | 12.7 mm |
| Stainless Steel | .375" | 9.5 mm |
| Minimum Thickness | 18 ga. | |
| Strokes Per Minute | 9 | |
| Back Gauge Length | 31.5" / 800 mm – Motorized | |
| Blade Rake Angle | .5° – 2.0° | |
| Blade Clearance | Manual Hand Wheel | |
| Motor | 30 hp | |
| Power Requirements | 220V 3- phase | |
| Shipping Dimensions (L x W x H) | 156" x 81" x 101" | 3962 x 2057 x 2565 mm |
| Shipping Weight | 23,744 lbs. | 10827 kgs. |

Specifications subject to change without notice.

- ◆ 120" x 1/2" mild steel capacity
- ◆ Front material guides
- ◆ Fast blade gap adjustments
- ◆ Shadow line for material placement
- ◆ 4-sided blades for long life
- ◆ 220V 3-phase



Corner Notchers – SN-F16-HN / SN-F16-FN

SPECIFICATIONS – SN-F16-HN

| | | |
|---------------------------------|-----------------|-----------------------|
| Capacity (SS) | 16 ga. (20 ga.) | |
| Blade Length | 6" | 152 mm |
| Notch Angle | 90° (Fixed) | |
| Stroke Length | 3/4" | 19 mm |
| Power | Manual | |
| Table Dimensions | 18" x 12" | 457 mm x 304 mm |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" | 1524 x 1118 x 1219 mm |
| Shipping Weight | 275 lbs. | 125 kgs. |

Specifications subject to change without notice.

- ◆ Hand notcher
- ◆ 90° fixed angle
- ◆ Cuts up to 16-gauge mild steel
- ◆ Notch size 6" x 6"
- ◆ 3/4" stroke
- ◆ 18" x 12" table

SN-F16-HN



SPECIFICATIONS – SN-F16-FN

| | | |
|---------------------------------|-----------------|-----------------------|
| Capacity (SS) | 16 ga. (20 ga.) | |
| Blade Length | 3" | 76 mm |
| Notch Angle | 90° (Fixed) | |
| Stroke Length | 3/4" | 19 mm |
| Power | Manual | |
| Table Dimensions | 10" x 10" | 254 mm x 254 mm |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" | 1524 x 1118 x 1219 mm |
| Shipping Weight | 310 lbs. | 140 kgs. |

Specifications subject to change without notice.

- ◆ Foot pedal operation
- ◆ Fixed 90° notching
- ◆ Adjustable material stops

SN-F16-FN



Corner Notchers – SN-F11-AN / SN-F09-MS

| SPECIFICATIONS – SN-F11-AN | | |
|---------------------------------|-----------------|-----------------------|
| Max. Capacity (SS) | 11 ga. (15 ga.) | |
| Max. Notch Dimensions | 5" x 5" | 127 mm x 127 mm |
| Notch Angle | 90° (Fixed) | |
| Strokes/Minute | 50 | |
| Blade Gap Adjustment | Manual | |
| Table Dimensions | 18" x 23.5" | 457 mm x 597 mm |
| Motor | N/A | |
| Working Pressure | 115 psi | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1118 x 1727 mm |
| Shipping Weight | 500 lbs. | 228 kgs. |

Specifications subject to change without notice.

- ◆ Pneumatic operation
- ◆ 90° fixed angle
- ◆ Cuts up to 11 gauge (3 mm)
- ◆ 5" x 5" notch size
- ◆ Adjustable material stops
- ◆ Optional blades for stainless steel
- ◆ 4.4 gallons of air/notch



SN-F11-AN

- ◆ 90° fixed angle
- ◆ Cuts up to 9 gauge (4 mm)
- ◆ 7-3/4" x 7-3/4" notch size
- ◆ Manual blade gap adjustment
- ◆ Adjustable material stops
- ◆ Optional blades for stainless steel
- ◆ 220V 3-phase

| SPECIFICATIONS – SN-F09-MS | | |
|---------------------------------|-----------------|-----------------------|
| Max. Capacity (SS) | 9 ga. (13 ga.) | |
| Max. Notch Dimensions | 7-3/4" x 7-3/4" | 197 mm x 197 mm |
| Notch Angle | 90° (Fixed) | |
| Strokes/Minute | 50 | |
| Blade Gap Adjustment | Manual | |
| Table Dimensions | 27" x 23.5" | 685 mm x 597 mm |
| Motor | 3 HP | |
| Power | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1118 x 1727 mm |
| Shipping Weight | 1,100 lbs. | 500 kgs. |

Specifications subject to change without notice.

SN-F09-MS



Corner Notchers – SN-F04-MS / SN-V04-MS

| SPECIFICATIONS – SN-F04-MS | | |
|---------------------------------|-----------------|-----------------------|
| Max. Capacity | .237" | 6 mm |
| Max. Notch Dimensions | 8-1/2" x 8-1/2" | 215 mm x 215 mm |
| Notch Angle | 90° (Fixed) | |
| Strokes/Minute | 15 | |
| Blade Gap Adjustment | Manual | |
| Table Dimensions | 25.5" x 25.5" | 647 mm x 647 mm |
| Motor | 4 HP | |
| Power | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1118 x 1727 mm |
| Shipping Weight | 1,200 lbs. | 544 kgs. |

Specifications subject to change without notice.

- ◆ 90° fixed angle
- ◆ Cuts up to 4 gauge (6 mm)
- ◆ 8-1/2" x 8-1/2" notch size
- ◆ Optional blades for stainless steel
- ◆ 220V 3-phase

SN-F04-MS



- ◆ Variable notch angle
- ◆ Cuts up to 4 gauge (6 mm)
- ◆ 8-1/2" x 8-1/2" notch size
- ◆ Optional blades for stainless steel
- ◆ 220V 3-phase

| SPECIFICATIONS – SN-V04-MS | | |
|---------------------------------|---------------------|-----------------------|
| Max. Capacity | .237" | 6 mm |
| Max. Notch Dimensions | 8-1/2" x 8-1/2" | 215 mm x 215 mm |
| Notch Angle | 30° – 140° Variable | |
| Strokes/Minute | 15 | |
| Blade Gap Adjustment | Manual | |
| Table Dimensions | 37.4" x 31" | 950 mm x 787 mm |
| Motor | 4 HP | |
| Power | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1118 x 1727 mm |
| Shipping Weight | 1,672 lbs. | 758 kgs. |

Specifications subject to change without notice.



SN-V04-MS

3-in-1 Shear / Brake / Roll – SB-8 / SBR-1220

| SPECIFICATIONS – SB-8 | | |
|---------------------------------|----------------|--------------------|
| Bed Width | 8" | 203 mm. |
| Shear Capacity | 20 ga. | |
| Bending Capacity | 20 ga. | |
| Max. Bend Angle | 90° | |
| Shipping Dimensions (L x W x H) | 20" x 13" x 7" | 508 x 330 x 178 mm |
| Shipping Weight | 27 lbs. | 13 kgs. |

Specifications subject to change without notice.

- ◆ Bench-mounted
- ◆ Combination shear and brake



- ◆ Combination shear, sheet metal brake, and slip roll
- ◆ 12" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually operated
- ◆ Segmented fingers on brake
- ◆ 3-wire grooves
- ◆ Bench mounted

| SPECIFICATIONS – SBR-1220 | | |
|---------------------------------|-----------------|--------------------|
| Bed Width | 12" | 305 mm |
| Shear Capacity | 20 ga. (.036") | 1 mm |
| Bending Capacity | 20 ga. (.036") | 1 mm |
| Rolling Capacity | 20 ga. (.036") | 1 mm |
| Maximum Bend Angle | 90° | |
| Minimum Rolling Dia. | 1.54" | 39 mm |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 20" x 13" x 17" | 508 x 330 x 432 mm |
| Shipping Weight | 125 lbs. | 57 kgs. |

Specifications subject to change without notice.



3-in-1 Shear / Brake / Roll – SBR-3020 / SBR-4020

| SPECIFICATIONS – SBR-3020 | | |
|---------------------------------|-----------------|--------------------|
| Bed Width | 30" | 762 mm |
| Shear Capacity | 20 ga. (.036") | 1 mm |
| Bending Capacity | 20 ga. (.036") | 1 mm |
| Rolling Capacity | 20 ga. (.036") | 1 mm |
| Maximum Bend Angle | 90° | |
| Minimum Rolling Dia. | 1.54" | 39 mm |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 38" x 18" x 27" | 965 x 457 x 686 mm |
| Shipping Weight | 363 lbs. | 165 kgs. |

Specifications subject to change without notice.

- ◆ Combination shear, sheet metal brake, and slip roll
- ◆ 30" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually operated
- ◆ Segmented fingers on brake
- ◆ 3-wire grooves
- ◆ 4 sided blades
- ◆ Bench mounted

- ◆ Combination shear, sheet metal brake, and slip roll
- ◆ 40" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually operated
- ◆ Segmented fingers on brake
- ◆ 3-wire grooves
- ◆ Bench mounted
- ◆ 4 sided blades

| SPECIFICATIONS – SBR-4020 | | |
|---------------------------------|-----------------|----------------------|
| Bed Width | 40" | 1,016 mm |
| Shear Capacity | 20 ga. (.036") | 1 mm |
| Bending Capacity | 20 ga. (.036") | 1 mm |
| Rolling Capacity | 20 ga. (.036") | 1 mm |
| Maximum Bend Angle | 90° | |
| Minimum Rolling Dia. | 1.70" | 43 mm |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 53" x 18" x 27" | 1,346 x 457 x 686 mm |
| Shipping Weight | 467 lbs. | 212 kgs. |

Specifications subject to change without notice.



SBR-3020



SBR-4020

3-in-1 Shear / Brake / Roll – SBR-5220

SPECIFICATIONS – SBR-5220

| | | |
|---------------------------------|-----------------|----------------------|
| Bed Width | 52" | 1,321 mm |
| Shear Capacity | 20 ga. (.036") | 1 mm |
| Bending Capacity | 20 ga. (.036") | 1 mm |
| Rolling Capacity | 20 ga. (.036") | 1 mm |
| Maximum Bend Angle | 90° | |
| Minimum Rolling Dia. | 1.70" | 43 mm |
| Power Requirement | Manual | |
| Shipping Dimensions (L x W x H) | 67" x 23" x 30" | 1,702 x 584 x 762 mm |
| Shipping Weight | 830 lbs. | 376 kgs. |

Specifications subject to change without notice.

- ◆ Combination shear, sheet metal brake, and slip roll
- ◆ 52" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually operated
- ◆ Segmented fingers on brake
- ◆ 3-wire grooves
- ◆ Bench mounted
- ◆ 4 sided blades



3-in-1 Shear / Brake / Roll – SBR-5216

- ◆ Combination shear, sheet metal brake, and slip roll
- ◆ 52" forming width
- ◆ 16-gauge mild steel capacity
- ◆ Manually operated
- ◆ Segmented fingers on brake
- ◆ 3-wire grooves
- ◆ Bench mounted
- ◆ 4 sided blades

| SPECIFICATIONS – SBR-5216 | | |
|-----------------------------|-----------------|------------------------|
| Bed Width | 52" | 1,321 mm |
| Shear Capacity | 16 ga. (.060") | 1.5 mm |
| Bending Capacity | 16 ga. (.060") | 1.5 mm |
| Rolling Capacity | 16 ga. (.060") | 1.5 mm |
| Diameter of Rolls | 2.38" | 60.5 mm |
| Maximum Bend Angle | 90° | |
| Minimum Rolling Dia. | 3.57" | 91 mm |
| Power Requirement | Manual | |
| Shipping Dimensions (LxWxH) | 67" x 30" x 46" | 1,702 x 762 x 1,168 mm |
| Shipping Weight | 1,200 lbs. | 544 kgs. |

Specifications subject to change without notice.



Arbor Presses – AP-3R / AP-5

| SPECIFICATIONS – AP-3R | | |
|---------------------------------|----------------|--------------------|
| Capacity | 3 tons | 2.7 tons |
| Ram Size | 1.5" | 38 mm |
| Throat Depth | 5" | 127 mm |
| Maximum Material Height | 11" | 279 mm |
| Power | Manual | |
| Shipping Dimensions (L x W x H) | 18" x 9" x 25" | 457 x 229 x 635 mm |
| Shipping Weight | 132 lbs. | 60 kgs. |

Specifications subject to change without notice.

- ◆ Ratcheting action
- ◆ Square ram for greater strength
- ◆ Rigid cast frame
- ◆ Includes 4-position die plate
- ◆ Die openings 7/8", 1-1/4", 1-3/4", and 2-1/8"

AP-3R



| SPECIFICATIONS – AP-5 | | |
|---------------------------------|-------------------|--------------------|
| Capacity | 5.6 tons | 5 tons |
| Maximum Arbor Height | 2.75" | 70 mm |
| Ram Size | 2" x 2" | 50 mm x 50 mm |
| Throat Depth | 8.89" | 225.8 mm |
| Maximum Material Height | 15.75" | 400 mm |
| Power | Manual | |
| Shipping Dimensions (L x W x H) | 30" x 15" x 37.5" | 762 x 381 x 953 mm |
| Shipping Weight | 365 lbs. | 166 kgs. |

Specifications subject to change without notice.

- ◆ Adjustable handle for increased leverage
- ◆ Square ram for greater strength
- ◆ Rigid cast frame
- ◆ Includes 4-position die plate
- ◆ Die openings 3/4", 1-3/8", 1-3/4", and 2-1/2"

AP-5



Hydraulic H-Frame Presses – HSP-10H / HSP-20A

| SPECIFICATIONS – HSP-10H | | |
|---------------------------------|-----------------|----------------------|
| Maximum Capacity | 10 tons | 9 tons |
| Working Width | 13.5" | 343 mm |
| Movable Cylinder | Yes | Yes |
| Cylinder Stroke | 7" | 178 mm |
| Cylinder Diameter | 5.11" | 130 mm |
| Piston Rod Diameter | 1.5" | 38 mm |
| Piston Head Diameter | 2" | 50.8 mm |
| Power | Manual | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 11" | 1524 x 1118 x 279 mm |
| Shipping Weight | 150 lbs. | 68 kgs. |

Specifications subject to change without notice.

- ◆ 10 ton
- ◆ Hand operated
- ◆ Fixed cylinder
- ◆ Automatic piston return
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 1/16" ram movement per pump
- ◆ 24" x 20" x 36" tall

HSP-10H



HSP-20A

- ◆ 20 ton
- ◆ Pneumatic/manual operation
- ◆ Movable cylinder
- ◆ Automatic piston return
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 100 – 123 psi, 9 cfm

| SPECIFICATIONS – HSP-20A | | |
|---------------------------------|--------------------|----------------------|
| Maximum Capacity | 20 tons | 18 tons |
| Working Width | 19.25" | 489 mm |
| Movable Cylinder | Yes | Yes |
| Cylinder Stroke | 7.5" | 190.5 mm |
| Cylinder Diameter | 3" | 76.2 mm |
| Piston Rod Diameter | 2" | 50.8 mm |
| Piston Head Diameter | 2" | 50.8 mm |
| Power | Pneumatic / Manual | |
| Shipping Dimensions (L x W x H) | 68" x 44" x 24" | 1727 x 1118 x 610 mm |
| Shipping Weight | 319 lbs. | 145 kgs. |

Specifications subject to change without notice.



Hydraulic H-Frame Presses –HSP-30A / HSP-50A

| SPECIFICATIONS – HSP-30A | | |
|---------------------------------|--------------------|----------------------|
| Maximum Capacity | 30 tons | 27 tons |
| Working Width | 22.5" | 571.5 mm |
| Movable Cylinder | Yes | Yes |
| Cylinder Stroke | 5.9" | 150 mm |
| Cylinder Diameter | 4.5" | 114 mm |
| Piston Rod Diameter | 3.5" | 89 mm |
| Piston Head Diameter | 2.375" | 60 mm |
| Power | Pneumatic / Manual | |
| Shipping Dimensions (L x W x H) | 76" x 44" x 24" | 1930 x 1118 x 610 mm |
| Shipping Weight | 450 lbs. | 205 kgs. |

Specifications subject to change without notice.

- ◆ 30 ton
- ◆ Pneumatic/manual operation
- ◆ Movable cylinder
- ◆ Automatic piston return
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 100 – 123 psi, 9 cfm



- ◆ 50 ton
- ◆ Pneumatic/manual operation
- ◆ Foot pedal control
- ◆ Movable cylinder
- ◆ Automatic piston return
- ◆ Table winch
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 100 – 123 psi, 9 cfm

| SPECIFICATIONS – HSP-50A | | |
|---------------------------------|--------------------|----------------------|
| Maximum Capacity | 50 tons | 45 tons |
| Working Width | 28.5" | 723 mm |
| Movable Cylinder | Yes | Yes |
| Cylinder Stroke | 7.8" | 200 mm |
| Cylinder Diameter | 6" | 152 mm |
| Piston Rod Diameter | 3.5" | 89 mm |
| Piston Head Diameter | 2.75" | 70 mm |
| Power | Pneumatic / Manual | |
| Shipping Dimensions (L x W x H) | 83" x 44" x 24" | 2108 x 1118 x 610 mm |
| Shipping Weight | 803 lbs. | 365 kgs. |

Specifications subject to change without notice.



Hydraulic H-Frame Presses – HSP-75A / HSP-100A

| SPECIFICATIONS – HSP-75A | | |
|---------------------------------|--------------------|----------------------|
| Maximum Capacity | 75 tons | 67 ton |
| Working Width | 31.5" | 800 mm |
| Movable Cylinder | Yes | Yes |
| Cylinder Stroke | 9.8" | 249 mm |
| Cylinder Diameter | 9" | 228 mm |
| Piston Rod Diameter | 3.5" | 89 mm |
| Piston Head Diameter | 3" | 76.2 mm |
| Power | Pneumatic / Manual | |
| Shipping Dimensions (L x W x H) | 83" x 44" x 24" | 2108 x 1118 x 610 mm |
| Shipping Weight | 1,300 lbs. | 590 kgs. |

Specifications subject to change without notice.

- ◆ 75 ton
- ◆ Pneumatic/manual operation
- ◆ Foot pedal control
- ◆ Movable cylinder
- ◆ Automatic piston return
- ◆ Table winch
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 100 – 123 psi, 9 cfm

- ◆ 100 ton
- ◆ Pneumatic/manual operation
- ◆ Foot pedal control
- ◆ Movable cylinder
- ◆ Automatic piston return
- ◆ Table winch
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 100 – 123 psi, 9 cfm

| SPECIFICATIONS – HSP-100A | | |
|---------------------------------|--------------------|----------------------|
| Maximum Capacity | 100 tons | 89 tons |
| Working Width | 31" | 787 mm |
| Movable Cylinder | Yes | Yes |
| Cylinder Stroke | 11.8" | 300 mm |
| Cylinder Diameter | 6.5" | 165 mm |
| Piston Rod Diameter | 4" | 101 mm |
| Piston Head Diameter | 3.5" | 89 mm |
| Power | Pneumatic / Manual | |
| Shipping Dimensions (L x W x H) | 86" x 45" x 24" | 2184 x 1143 x 610 mm |
| Shipping Weight | 1,705 lbs. | 775 kgs. |

Specifications subject to change without notice.



HSP-75A



HSP-100A

Hydraulic H-Frame Presses – HSP-30M

| SPECIFICATIONS – HSP-30M | | |
|---------------------------------|-------------------|----------------------|
| Return Speed | .25"/s | 6 mm/s |
| Maximum Pressure | 30 ton | |
| Motor | 3 hp | 2.2 Kw |
| Piston Head Diameter | 2" | 50 mm |
| Pump Speed | .95 gal/min | 3.6 L/min |
| Oil Capacity | 13 gal | 50 L |
| Working Speed | .197"/s | 5 mm/s |
| Working Width | 27.5" | 700 mm |
| Maximum Capacity | 30 T | |
| Cylinder Stroke | 9.8" | 250 mm |
| Cylinder Movable | Yes | |
| Cylinder Diameter | 5.74" | 146 mm |
| RPM | 1440 | |
| Power | 220V Single Phase | |
| Shipping Dimensions (L x W x H) | 54" x 28" x 78" | 1350 x 700 x 1960 mm |
| Shipping Weight | 1,056 lbs. | 480 kgs. |

Specifications subject to change without notice.

- ◆ 30 ton
- ◆ Fully welded steel frame
- ◆ Piston style hydraulic pump
- ◆ 2pc V-block included
- ◆ Moveable cylinder
- ◆ Standard pressure gauge



Hydraulic H-Frame Presses – HSP-30M-C

- ◆ 30 ton hydraulic H-frame press
- ◆ 15 ton hydraulic arbor press
- ◆ Fully welded steel frame
- ◆ 2pc V-block included
- ◆ 27.5" working width on main press
- ◆ 9.5" stroke on main press
- ◆ 7.75" stroke on side press
- ◆ 220V single-phase power



| SPECIFICATIONS – HSP-30M-C | | |
|----------------------------------|-----------------|-----------------------|
| Main Bed–Maximum Capacity | 30 ton | 27 ton |
| Main Working Speed–Ram Extension | .25"/s | 6.3 mm/s |
| Main Return Speed–Ram Retraction | .3"/s | 7.7 mm/s |
| Main Cylinder Stroke | 10" | 255 mm |
| Main Working Width | 27.25" | 692 mm |
| Main Cylinder Diameter | 5.74" | 146 mm |
| Main Piston Rod Diameter | 2" | 50.8 mm |
| Main Piston Head Diameter | 2" | 50.8 mm |
| Main Cylinder Movable | Yes | |
| Main Ram to Side Frame | 8" | 203 mm |
| Side Bed–Maximum Capacity | 15 ton | 13.6 ton |
| Side Working Speed–Ram Extension | .78"/s | 19.7 mm/s |
| Side Return Speed–Ram Extension | .60"/s | 32 mm/s |
| Side Cylinder Stroke | 7.75" | 197 mm |
| Side Table | 9.875" x 8.25" | 250 x 210 mm |
| Side Cylinder Diameter | 2.76" | 70 mm |
| Side Piston Rod Diameter | 1.78" | 45 mm |
| Side Piston Head Diameter | 1.97" | 50 mm |
| Power | 220V, 1ph, 60hz | |
| Motor | 3 hp | |
| Shipping Dimensions (L x W x H) | 63" x 44" x 73" | 1600 x 1118 x 1854 mm |
| Shipping Weight | 1,056 lbs. | 480 kgs. |

Specifications subject to change without notice.

Hydraulic H-Frame Presses – HSP-60M

| SPECIFICATIONS – HSP-60M | | |
|---------------------------------|------------------|----------------------|
| Return Speed | .303"/s | 7.7 mm/s |
| Maximum Pressure | 60 ton | |
| Motor | 5.25 hp | 4 Kw |
| Piston Head Diameter | 3.14" | 80 mm |
| Pump Speed | .18 gal/min | 7 L/min |
| Oil Capacity | 13 gal | 50 L |
| Working Speed | .25"/s | 6.2 mm/s |
| Working Width | 41.25" | 1050 mm |
| Maximum Capacity | 60 T | |
| Cylinder Stroke | 11.81" | 300 mm |
| Cylinder Movable | Yes | |
| Cylinder Diameter | 7.5" | 192 mm |
| RPM | 1440 | |
| Power | 220V Three Phase | |
| Shipping Dimensions (L x W x H) | 60" x 36" x 85" | 1500 x 900 x 2150 mm |
| Shipping Weight | 2,420 lbs. | 1100 kgs. |

Specifications subject to change without notice.

- ◆ 60 ton
- ◆ Fully welded steel frame
- ◆ Piston style hydraulic pump
- ◆ 2pc V-block included
- ◆ Moveable cylinder
- ◆ Standard pressure gauge



Hydraulic H-Frame Presses – HSP-60M-C

- ◆ 60 ton hydraulic H-frame press
- ◆ 15 ton hydraulic arbor press
- ◆ Fully welded steel frame
- ◆ 2pc V-block included
- ◆ 41.3" working width on main press
- ◆ 11.8" stroke on main press
- ◆ 11.75" stroke on side press
- ◆ 220V 3-phase power



| SPECIFICATIONS – HSP-60M-C | | |
|----------------------------------|------------------|-----------------------|
| Main Bed–Maximum Capacity | 60 ton | 54 ton |
| Main Working Speed–Ram Extension | .32"/s | 8.1 mm/s |
| Main Return Speed–Ram Retraction | .40"/s | 10 mm/s |
| Main Cylinder Stroke | 11.8" | 300 mm |
| Main Working Width | 41.3" | 1050 mm |
| Main Cylinder Diameter | 7.55" | 192 mm |
| Main Piston Rod Diameter | 3.15" | 80 mm |
| Main Piston Head Diameter | 3.15" | 80 mm |
| Main Cylinder Movable | Yes | |
| Main Ram to Side Frame | 8.5" | 216 mm |
| Side Bed–Maximum Capacity | 15 ton | 13.6 ton |
| Side Working Speed–Ram Extension | .75"/s | 20 mm/s |
| Side Return Speed–Ram Extension | 1"/s | 25.4 mm/s |
| Side Cylinder Stroke | 11.75" | 299 mm |
| Side Table | 14.187" x 12.56" | 360 x 319 mm |
| Side Cylinder Diameter | 3.95" | 100 mm |
| Side Piston Rod Diameter | 1.97" | 50 mm |
| Side Piston Head Diameter | 1.77" | 45 mm |
| Power | 220V, 3ph, 60hz | |
| Motor | 5.25 hp | |
| Shipping Dimensions (L x W x H) | 63" x 44" x 73" | 1600 x 1118 x 1854 mm |
| Shipping Weight | 926 lbs. | 420 kgs. |

Specifications subject to change without notice.

Hydraulic H-Frame Presses – HSP-66M HD

| SPECIFICATIONS – HSP-66M | | |
|---------------------------------|-------------------------|------------------|
| Maximum Capacity | 66 tons | 60 tons |
| Maximum Pressure | 3408 psi | |
| Working Speed | .086" / sec. | |
| Lowering Speed | .362" / sec. | |
| Return Speed | .5" / sec. | |
| Working Width | 29.52" | 750 mm |
| Cylinder | | |
| Stroke | 15.75" | 400 mm |
| Diameter | 8.26" | 209 mm |
| Movable | Yes | |
| Piston | | |
| Rod Diameter | 3.54" | 90 mm |
| Head Diameter | 3.94" | 100 mm |
| System Oil Capacity | 2.11 gal | 8 liters |
| Oil Tank Capacity | 7.92 gal | 30 liters |
| Pump Speed (2) | .871 / 3.619 / gal/min. | |
| RPM | 3,000 | |
| Motor | 2 hp | |
| Power | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 60" x 40" x 81" | 1524x1016x2057mm |
| Shipping Weight | 1,507 lbs. | 685 kgs. |

Specifications subject to change without notice.

- ◆ 2-speed hydraulic with manual mode
- ◆ Automatic cylinder return
- ◆ Movable cylinder design
- ◆ Standard pressure gauge
- ◆ Lift chains included
- ◆ Hydraulic return, not automatic



Hydraulic H-Frame Presses – HSP-110M-HD



- ◆ 2-speed hydraulic with manual mode
- ◆ Automatic cylinder return
- ◆ Movable cylinder design
- ◆ Standard pressure gauge
- ◆ Lift chains included
- ◆ Hydraulic return, not automatic

| SPECIFICATIONS – HSP-110M | | |
|---------------------------------|---------------------|----------------------|
| Maximum Capacity | 110 tons | 100 tons |
| Maximum Pressure | 3858 psi | |
| Working Speed | .106" / sec. | |
| Lowering Speed | .362" / sec. | |
| Return Speed | .5" / sec. | |
| Working Width | 36.22" | 920 mm |
| Cylinder | | |
| Stroke | 15.75" | 400 mm |
| Diameter | 10" | 254 mm |
| Movable | Yes | |
| Piston | | |
| Rod Diameter | 4.33" | 110 mm |
| Head Diameter | 4.72" | 120 mm |
| System Oil Capacity | 3.17 gal | 12 liters |
| Oil Tank Capacity | 7.92 gal | 30 liters |
| Pump Speed (2) | 1.5 / 5.17 gal/min. | |
| RPM | 3,000 | |
| Motor | 3 hp | |
| Power | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 67" x 37" x 84" | 1702 x 940 x 2134 mm |
| Shipping Weight | 2,101 lbs. | 955 kgs. |

Specifications subject to change without notice.

Hydraulic H-Frame Presses – HSP-110M-1500-HD

| SPECIFICATIONS – HSP-110M-1500-HD | | |
|------------------------------------|-----------------------|------------------|
| Maximum Capacity | 106 ton | 96.1 metric ton |
| Working Speed– Ram Extension | .28" / sec. | 7.3 mm/sec. |
| Return Speed– Ram Retraction | .40" / sec. | 10.4 mm/sec. |
| Cylinder Stroke | 13.75" | 350 mm |
| Table Dimensions (L x D) | 59" x 15.93" | 1499 x 405 mm |
| Cylinder Diameter | 7.87" | 200 mm |
| Piston Rod Diameter | 4.13" | 105 mm |
| Piston Head Diameter | 4.13" | 105 mm |
| Maximum Pressure | 4350 psi | 30 mPa |
| Pump Speed | 3.96 gal./min. | 15 L/min. |
| Cylinder Movable | Yes | |
| Power | 220V / 3-phase, 60 hz | |
| Motor | 10 hp | |
| Shipping Weight | 6072 lbs. | 2755 kgs. |
| Shipping Dimensions (L x W x H) | 96" x 48" x 94" | 2438x1219x2388mm |

Specifications subject to change without notice.

- ◆ 106-ton capacity
- ◆ 220V 3-phase power
- ◆ 59" working width
- ◆ 13.75" stroke
- ◆ Cylinder moves left and right



Hydraulic H-Frame Presses – HSP-176M-HD



SPECIFICATIONS – HSP-176M

| | | |
|---------------------------------|----------------------|-----------------------|
| Maximum Capacity | 176 tons | 160 tons |
| Maximum Pressure | 4104 psi | |
| Working Speed | .090" / sec. | |
| Lowering Speed | .350" / sec. | |
| Return Speed | .5" / sec. | |
| Working Width | 43.3" | 1500 mm |
| Cylinder | | |
| Stroke | 15.75" | 400 mm |
| Diameter | 12.75" | 323 mm |
| Movable | Yes | |
| Piston | | |
| Rod Diameter | 5.51" | 140 mm |
| Head Diameter | 5.90" | 150 mm |
| System Oil Capacity | 4.5 gal | 17 liters |
| Oil Tank Capacity | 7.92 gal | 30 liters |
| Pump Speed (2) | 1.92 / 7.50 gal/min. | |
| RPM | 3,000 | |
| Motor | 4 hp | |
| Power | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 76" x 44" x 88" | 1930 x 1118 x 2235 mm |
| Shipping Weight | 3,465 lbs. | 1575 kgs. |

Specifications subject to change without notice.

- ◆ 2-speed hydraulic with manual mode
- ◆ Automatic cylinder return
- ◆ Movable cylinder design
- ◆ Standard pressure gauge
- ◆ Lift chains included
- ◆ Hydraulic return, not automatic

Hydraulic H-Frame Presses – HSP-176M-1500-HD

| SPECIFICATIONS – HSP-176M-1500-HD | | |
|-----------------------------------|------------------|-----------------------|
| Return Speed | .393"/s | 10 mm/s |
| Maximum Pressure | 176 ton | |
| Motor | 14.75 hp | 11 Kw |
| Piston Head Diameter | 11" | 280 mm |
| Working Speed | .25"/s | 6.2 mm/s |
| Approach Speed | .354"/s | 9 mm/s |
| Working Width | 61.75" | 1570 mm |
| Maximum Capacity | 176T | |
| Cylinder Stroke | 11.75" | 300 mm |
| Cylinder Movable | Yes | |
| Power | 220V Three Phase | |
| Shipping Dimensions (L x W x H) | 98" x 40" x 89" | 2500 x 1000 x 2270 mm |
| Shipping Weight | 4,620 lbs. | 2100 kgs. |

Specifications subject to change without notice.

- ◆ Fully welded steel frame
- ◆ 2-speed hydraulic
- ◆ Safety overload
- ◆ 2pc V-block included
- ◆ Moveable cylinder
- ◆ Standard pressure gauge
- ◆ Fully protected hydraulic system



Hydraulic H-Frame Presses – HSP-200M-C



| SPECIFICATIONS – HSP-200M-C | |
|------------------------------------|---|
| Main Bed—Maximum Capacity | 200 ton (181.4 ton) |
| Main Working Speed—Ram Extension | .15"/sec. (3.9 mm/sec.) |
| Main Return Speed—Ram Retraction | .22"/sec. (5.8 mm/sec.) |
| Main Cylinder Stroke | 13.75" (350 mm) |
| Main Working Width | 41.75" (1568 mm) |
| Main Cylinder Diameter | 11" (280 mm) |
| Main Piston Rod Diameter | 6.125" (155 mm) |
| Main Piston Head Diameter | 6.125" (155 mm) |
| Main Cylinder Movable | Yes |
| Main Ram to Side Frame | 11.5" (292 mm) |
| Side Bed,—Maximum Capacity | 20 ton (18.1 ton) |
| Side Working Speed - Ram Extension | .75" / sec. (20 mm/sec.) |
| Side Return Speed - Ram Retraction | 1" / sec. (25.4 mm/sec.) |
| Side Cylinder Stroke | 11.75" (299 mm) |
| Side Table | 16.5" x 19" (419 x 482 mm) |
| Side Cylinder Diameter | 3.95" (100 mm) |
| Side Piston Rod Diameter | 1.97" (50 mm) |
| Side Piston Head Diameter | 1.77" (45 mm) |
| Power | 220V, 3 ph, 60 hz |
| Motor | 10 hp |
| Shipping Dimensions | 88.6" x 43.5" x 87" (2250 x 1105 x 2210 mm) |
| Shipping Weight | 6,955 lbs. (3162 kg) |

Specifications subject to change without notice.

- ◆ 200-ton hydraulic H-frame press
- ◆ 20-ton hydraulic arbor press
- ◆ Fully welded steel frame
- ◆ 2pc V-block included
- ◆ 61.75" working width on main press
- ◆ 11.8" stroke on main press
- ◆ 11.75" stoke on side press
- ◆ 220V 3-phase power

Hydraulic C-Frame Presses – CFP-30HD

| SPECIFICATIONS – CFP-30HD | | |
|---------------------------------|--------------------------|-----------------------|
| Nominal Down Force | 45 tons | 40 tons |
| Nominal Return Force | 10 tons | 9 tons |
| Throat Depth | 25.4" | 645 mm |
| Max. Ram Stroke | 15" | 380 mm |
| Approach Speed | 1.26" per sec. | 32 mm/s |
| Working Speed | 0.28" per sec. | 7 mm/s |
| Return Speed | 1.8" per sec. | 45 mm/s |
| Bed Bolster Size (W x D x T) | 27.56" x 23.625" x 1.75" | 700 x 600 x 45 mm |
| Ram Bolster Size (W x D x T) | 27.56" x 13.8" x 1.69" | 700 x 350 x 43 mm |
| Height of Worktable above Floor | 27.25" | 692 mm |
| Shank Hole | 3.9" | 100 mm |
| Motor | 5 hp | 3.6 kw |
| Power Requirement | 480V / 3-Phase, 60hz | 415V / 3-Phase, 50hz |
| Max. Working Pressure | 3539 psi | 244 bar |
| Oil Tank Capacity | 23.7 gal | 90L |
| Shipping Dimensions (L x W x H) | 44.25" x 62" x 86.5" | 1124 x 1575 x 2197 mm |
| Shipping Weight | 4,410 lbs. | 2,000 kgs. |

Specifications subject to change without notice.

- ◆ 45-tons
- ◆ C-frame press
- ◆ Perfect for pressing or straightening
- ◆ Fully welded construction
- ◆ Hydraulically operated
- ◆ Adjustable slide pressure
- ◆ Two speed pressing
- ◆ Separate control pedestal
- ◆ 480V 3-phase



Hydraulic C-Frame Presses – CFP-70HD



SPECIFICATIONS – CFP-70HD

| | | |
|---------------------------------|--------------------------|-----------------------|
| Nominal Down Force | 70 tons | 62 tons |
| Nominal Return Force | 10 tons | 9 tons |
| Throat Depth | 25.6" | 650 mm |
| Max. Ram Stroke | 16.5" | 419 mm |
| Max. Dist. Between Bolsters | 20.625" | 523.8 mm |
| Min. Dist. Between Bolsters | 4.125" | 104.7 mm |
| Approach Speed | 1.26" per sec. | 32 mm/s |
| Working Speed | 0.28" per sec. | 7 mm/s |
| Return Speed | 1.8" per sec. | 45 mm/s |
| Bed Bolster Size (W x D x T) | 27.56" x 23.625" x 1.75" | 700 x 600 x 45 mm |
| Ram Bolster Size (W x D x T) | 27.56" x 13.8" x 2.16" | 700 x 350 x 55 mm |
| Height of Worktable above Floor | 26.25" | 667 mm |
| Shank Hole | 3.9" | 100 mm |
| Motor | 12 hp | 9 kw |
| Power Requirement | 480V / 3-Phase, 60hz | 415V / 3-Phase, 50hz |
| Max. Working Pressure | 3423 psi | 236 bar |
| Oil Tank Capacity | 23.7 gal | 90L |
| Shipping Dimensions (L x W x H) | 48.25" x 62" x 88.5" | 1225 x 1575 x 2250 mm |
| Shipping Weight | 6,600 lbs. | 2,462 kgs. |

Specifications subject to change without notice.

- ◆ 70-tons
- ◆ Open design C-frame press
- ◆ Perfect for pressing or straightening
- ◆ Fully welded construction
- ◆ Hydraulically operated
- ◆ Adjustable slide pressure
- ◆ Two speed pressing
- ◆ Separate control pedestal
- ◆ 480V 3-phase

Hydraulic C-Frame Presses – CFP-112HD

| SPECIFICATIONS – CFP-112HD | | |
|---------------------------------|----------------------|-----------------------|
| Nominal Down Force | 112 tons | 100 tons |
| Nominal Return Force | 10 tons | 9 tons |
| Throat Depth | 16.25" | 412 mm |
| Max. Ram Stroke | 15" | 380 mm |
| Approach Speed | 1.26" per sec. | 32 mm/s |
| Working Speed | 0.28" per sec. | 7 mm/s |
| Return Speed | 1.8" per sec. | 45 mm/s |
| Bed Bolster Size (W x D x T) | 31.5" x 20.86" x 3" | 800 x 530 x 78 mm |
| Ram Bolster Size (W x D x T) | 31.5" x 13.8" x 3" | 800 x 350 x 78 mm |
| Height of Worktable above Floor | 27.25" | 705 mm |
| Shank Hole | 3.9" | 100 mm |
| Motor | 17.5 hp | 13.2 kw |
| Power Requirement | 480V / 3-Phase, 60hz | 415V / 3-Phase, 50hz |
| Max. Working Pressure | 3815 psi | 263 bar |
| Oil Tank Capacity | 34.3 gal | 130L |
| Shipping Dimensions (L x W x H) | 48.25" x 62" x 88.5" | 1225 x 1575 x 2250 mm |
| Shipping Weight | 6,835 lbs. | 3,100 kgs. |

Specifications subject to change without notice.

- ◆ 112-tons
- ◆ Open design C-frame press
- ◆ Perfect for pressing or straightening
- ◆ Fully welded construction
- ◆ Hydraulically operated
- ◆ Adjustable slide pressure
- ◆ Two speed pressing
- ◆ Separate control pedestal
- ◆ 480V 3-phase



Bench Presses – BP-3 / BP-10E

| SPECIFICATIONS – BP-3 | | |
|---------------------------------|-----------------|--------------------|
| Capacity | 3 tons | 2.6 tons |
| Stroke | 3" | 76 mm |
| Throat Depth | 12" x 3-3/4" | 305 mm x 95 mm |
| Power | Manual | |
| Stand | Included | |
| Shipping Dimensions (L x W x H) | 28" x 17" x 28" | 711 x 432 x 711 mm |
| Shipping Weight | 165 lbs. | 75 kgs. |

Specifications subject to change without notice.

- ◆ Manually operated
- ◆ 3-ton capacity
- ◆ Includes stand
- ◆ Accepts louver, shear, brake, punch tooling and much more (sold separately)



BP-3

- ◆ Hydraulically operated
- ◆ 10-ton capacity
- ◆ 25" throat depth
- ◆ 110V
- ◆ Accepts louver, shear, brake, punch tooling and much more (sold separately)
- ◆ 1– 15 strokes/min.

| SPECIFICATIONS – BP-10E | | |
|---------------------------------|-----------------|----------------------|
| Capacity | 10 tons | 9 tons |
| Stroke | 4" | 101 mm |
| Throat Depth | 25" x 6" | 635 mm x 152 mm |
| Table Height | 18" | 457 mm |
| Power | 110V | |
| Shipping Dimensions (L x W x H) | 54" x 46" x 25" | 1372 x 1168 x 635 mm |
| Shipping Weight | 880 lbs. | 400 kgs. |

Specifications subject to change without notice.



BP-10E

| SKU | Description |
|---------|---|
| 1000795 | 1" Louver Die Set for BP-3/10 |
| 1000797 | 2" Louver Die Set for BP-3/10 |
| 1000798 | 3" Louver Die Set for BP-3/10 |
| 1000816 | 4" Louver Die Set for BP-3/10 |
| 1000817 | 5" Louver Die Set for BP-3/10 |
| 1000818 | 90 Degree Bend Kit for BP-3/10 |
| 1000819 | Corner Notcher Kit for BP-3/10 |
| 1000820 | Complete Set of Punch and Bead Dies, Set Includes 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3" |
| 1000821 | Complete Set of Punch and Flare Dies, Set Includes 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3" |
| 1000822 | Radius Corner Attachment for BP-3/10, Radius are 1", 3/4", 1/2", and 1/4" |
| 1000823 | Shear Kit for BP-3/10 |

Ironworkers – HP-160

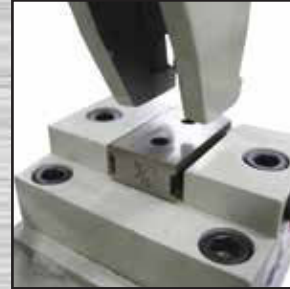
| SPECIFICATIONS – HP-160 | | |
|---------------------------------|--------------------|--------------------------|
| Max. Punching Capacity | .314" | 4.775 mm |
| Throat Depth | 6.25" | 159 mm |
| Power | Manual | |
| Shipping Dimensions (L x W x H) | 20.5" x 9" x 36.6" | 521 mm x 229 mm x 927 mm |
| Shipping Weight | 176 lbs. | 80 kgs. |

Specifications subject to change without notice.

- ◆ Adjustable material stop
- ◆ Nine sets of punches and dies included
- ◆ Extra long handle for increased leverage
- ◆ Includes round punches and dies for 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", and 5/8"



**HP-160
Hand Punch**



Ironworkers – SW-22M



SW-22M
Shear

SPECIFICATIONS – SW-22M

| SHEAR CAPACITY | | |
|---------------------------------|-------------------------|--|
| Round | .625" | 16 mm |
| Square | .625" | 16 mm |
| Flat Bar | 4" x .312" | 100 mm x 8 mm |
| Angle Iron | 2.375" x 2.375" x .250" | 60 mm x 60 mm x 6 mm |
| Plate | .250" | 6 mm |
| Power Requirement | | Manual |
| Shipping Dimensions (L x W x H) | | 39" x 16" x 26" / 991 mm x 406 mm x 660 mm |
| Shipping Weight | | 253 lbs. / 115 kgs. |

Specifications subject to change without notice.

- ◆ Shears angle iron, flat bar, T-bar, round and square stock
- ◆ Rigid construction
- ◆ Adjustable material hold down
- ◆ Spring-assisted return

Ironworkers – SW-22M-P

| SPECIFICATIONS – SW-22M-P | | |
|---------------------------|-----------------|--------------------|
| Shear Capacity Flat | 4" x 5/16" | 100 mm x 8 mm |
| Shear Capacity Plate | 1/4" | 6 mm |
| Shear Capacity Round | 5/8" | 15.8 mm |
| Shear Capacity Square | 5/8" | 15.8 mm |
| Shear Capacity Angle | 2-3/8" x 1/4" | 60 mm x 6 mm |
| Throat Depth | 6.25 | 158.75 mm |
| Maximum Punching Capacity | .314" | 8 mm |
| Power | Manual | |
| Shipping Weight | 345 lbs. | (157 kgs.) |
| Dimensions (L x W x H) | 39" x 16" x 26" | 990 x 400 x 600 mm |

Specifications subject to change without notice.

- ◆ Combines HP-160 and SW-22M into one compact machine
- ◆ Made from plate steel
- ◆ Extra-long handle for more leverage
- ◆ Shear station shears angle, flat, T-bar, round, and square stock
- ◆ Includes material hold downs
- ◆ Includes round punches and dies for 1/8", 1/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", and 5/8"



Ironworkers – HP-50H



| SPECIFICATIONS – HP-50H | |
|-------------------------|--|
| Punching Pressure | See Chart |
| Voltage | 110V |
| Motor Hp | .5 |
| Maximum Pump Pressure | 30 bar /700 bar Double Acting |
| Maximum Flow Rate | 275 / 17/(cu.in./min) |
| Oil Volume | 1.3 Gallon |
| Maximum Pressure | 50 Tons |
| Weight of Cylinder | 150 lbs. (68 kgs.) |
| Shipping Weight | 345 lbs. (157 kgs.) |
| Dimensions (L x W x H) | 36" x 24" x 24" (914.4 x 609.6 x 609.6 mm) |

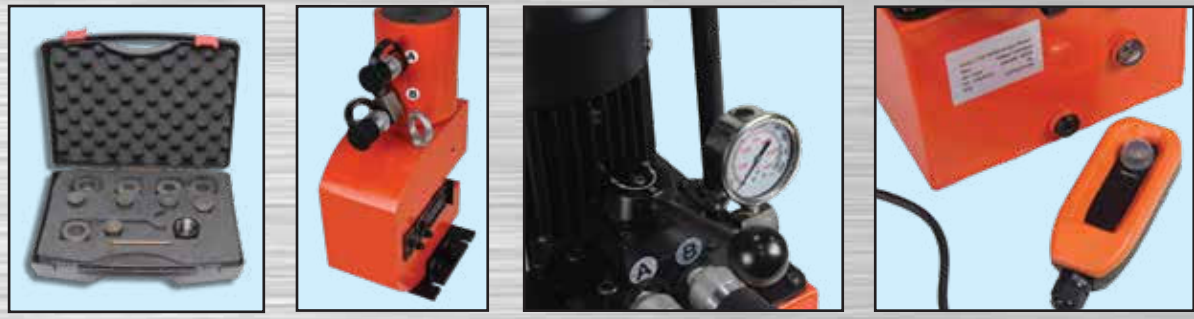
Specifications subject to change without notice.

Punch Features

- ◆ Includes punches for the following bolt sizes, 1/2", 5/8", 3/4", 7/8", and 1"
- ◆ Complete set including electric pump and hoses
- ◆ Double-acting cylinder design for fast cycle times
- ◆ Punch and die changeover tools included
- ◆ Includes Depth Stop
- ◆ Lifting bracket included
- ◆ Adjustable stripper prevents movement of the metal during stripping

Electric Pump Features

- ◆ Covers most applications in the industry
- ◆ High flow rate reaches 17in³/min
- ◆ 10ft 24volt remote control for operator safety
- ◆ .5hp motor
- ◆ Starts under full load



| Hole Size (mm) | Bolt Size (mm) | Maximum Allowable Material Thickness to be Punched Based on Material Type (mm) | | | | | | | | | | |
|-------------------|-------------------|--|--------------|-----------------|------------------------|--------------------|-------------------|-------------------|----------------------------|--------------------|--------------------------|---------------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | | Mild A-7 | Boiler Plate | Structural A-36 | Structural (ASTM A242) | Cold Rolled C-1018 | Hot Rolled C-1050 | Hot Rolled C-1095 | Hot Rolled C-1095 Annealed | Stainless Annealed | Stainless 304 Hot Rolled | Stainless 316 Cold Rolled |
| 13.5 | M12 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 12.4 | 8.1 | 10.2 | 12.4 | 12.4 | 12.4 |
| 16.7 | M16 | — | — | — | — | — | 13 | 8.1 | 10.2 | 13 | 13 | 13 |
| 19.8 | M18 | — | — | — | — | — | 12.4 | 8.1 | 10.2 | 12.4 | 12.4 | 12.4 |
| 23.1 | M20 | 14.2 | 14.2 | 14.2 | 12.7 | 14.2 | 8.9 | 5.6 | 8.9 | 8.9 | 8.9 | 8.9 |
| 26.2 | M24 | — | 14.2 | 14.2 | 11.2 | 14.2 | 7.9 | 4.8 | 7.9 | 7.9 | 7.9 | 7.9 |

Ironworkers – SW-44

| SPECIFICATIONS – SW-44 | | |
|--------------------------|-----------------------|----------------------------|
| Punching | | |
| Punching Pressure | 44 Tons | 40 Tons |
| Punch Capacity | .75" x .625" | 20 mm x 15 mm |
| (Diameter x Thickness) | 1.5" x .375" | 38 mm x 8 mm |
| Throat Depth | 6.88" | 175 mm |
| Max. Stroke Length | 1.125" | 32 mm |
| Cycles / Min. | | 23 |
| Working Height Up to Die | 42.32" | 1075 mm |
| Flat Shearing | | |
| Flat Bar Shearing | 7.87" x .5" | 200 mm x 13 mm |
| (Width x Thickness) | 13.77" x .25" | 350 mm x 6 mm |
| Blade Length | 13.87" | 352.5 mm |
| Angle Flange Trim | 3.14" x .393" | 80 mm x 10 mm |
| Working Height | 42.32" | 1075 mm |
| Angle Shearing | | |
| At 90° Shearing | 3" x 3" x .25" | 75 mm x 75 mm x 6 mm |
| Working Height | 40" | 1016 mm |
| Bar Shearing | | |
| Round Bar Shear | 1.125" | 30 mm |
| Square Bar Shear | 1" x 1" | 25 mm x 25 mm |
| Working Height | 44.88" | 1140 mm |
| Other | | |
| Electrical Requirements | 5 Hp – 220V 1/3-Phase | |
| Net Weight (Apr.) | 1,320 lbs. | 600 kg. |
| Dimensions (L x W x H) | 44" x 22" x 59" | 1120 mm x 560 mm x 1500 mm |

Specifications subject to change without notice.

The SW-44 Hydraulic Ironworker from Baileigh Industrial is a 4 station machine with 44 tons of punching and shearing force. The four main functions of the SW-44 are punching, flat bar shearing, angle cutting, and section cutting for profiles. This pivot style Ironworker is perfect for the shop on a budget, but this does not mean that it is short on features. The SW-44 is available in both single and three phase versions and are both CSA and CE certified.

- ◆ 44 Ton
- ◆ Oversize tables with adjustable stops
- ◆ Foot pedal controlled
- ◆ CE and CSA certified
- ◆ Material hold downs
- ◆ Includes 3/4" round punch
- ◆ Stroke control
- ◆ Many optional accessories available
- ◆ 220V single or three phase



| OPTIONAL TOOLING | |
|------------------|--|
| SKU | Description |
| 1007782 | Single Vee press Break Attachment for SW-44 |
| 1007764 | 1/4" Round Punch and Die Set for SW-44 1/32" Clearance |
| 1007765 | 5/16" Round Punch and Die Set for SW-44 1/32" Clearance |
| 1007766 | 3/8" Round Punch and Die Set for SW-44 1/32" Clearance |
| 1007767 | 7/16" Round Punch and Die Set for SW-44 1/32" Clearance |
| 1007768 | 1/2" Round Punch and Die Set for SW-44 1/32" Clearance |
| 1007769 | 9/16" Round Punch and Die Set for SW-44 1/16" Clearance |
| 1007770 | 5/8" Round Punch and Die Set for SW-44 1/16" Clearance |
| 1007771 | 11/16" Round Punch and Die Set for SW-44 1/16" Clearance |
| 1007772 | 3/4" Round Punch and Die Set for SW-44 1/16" Clearance |
| 1007773 | 13/16" Round Punch and Die Set for SW-44 3/32" Clearance |
| 1007774 | 7/8" Round Punch and Die Set for SW-44 3/32" Clearance |
| 1007775 | 15/16" Round Punch and Die Set for SW-44 3/32" Clearance |
| 1007776 | 1" Round Punch and Die Set for SW-44 3/32" Clearance |
| 1007777 | 1-1/16" Round Punch and Die Set for SW-44 1/8" Clearance |
| 1007778 | 1-1/8" Round Punch and Die Set for SW-44 1/8" Clearance |
| 1007779 | 1-3/16" Round Punch and Die Set for SW-44 1/8" Clearance |
| 1007780 | 1-1/4" Round Punch and Die Set for SW-44 1/8" Clearance |
| 1007781 | 1-1/2" Round Punch and Die Set for SW-44 1/8" Clearance |
| 1007783 | 1/4" Square Punch and Die Set for SW-44 1/32" Clearance |
| 1007784 | 1/2" Square Punch and Die Set for SW-44 1/32" Clearance |
| 1007785 | 3/4" Square Punch and Die Set for SW-44 1/16" Clearance |
| 1007786 | 1" Square Punch and Die Set for SW-44 3/32" Clearance |

Baileigh Industrial's industry leading SW-50 Hydraulic Ironworker is the perfect addition to any fabrication shop where punching, shearing, and notching is required in plate, bar, and various types of angle iron. Its robust, versatile design boasts an impressive 50 tons of vertical pressure to power through most any fabrication requirement. Available in both single and three phase power, the SW-50 is designed and manufactured with a lifetime of productivity in mind.

- ◆ True vertical movement at all stations
- ◆ Oversize tables with adjustable material stops
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Manual back gauge
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Includes 7 sets of punches and dies (7/16" to 1-1/16")



| SPECIFICATIONS – SW-50 | | |
|---------------------------------|-----------------------|---------------------------|
| Punching | | |
| Punching Pressure | 50 Tons | 44 Tons |
| Punch Capacity | .875" x .625" | 22 mm x 15 mm |
| (Diameter x Thickness) | 1.625" x .375" | 40 mm x 8 mm |
| Throat Depth | 6" | 150 mm |
| Max. Stroke Length | 1.125" | 30 mm |
| Cycles / Min. | | 19 @ 15 mm |
| Working Height Up to Die | 39.5" | 1000 mm |
| Flat Shearing | | |
| Flat Bar Shearing | 10" x .375" | 255 mm x 10 mm |
| Blade Length | 10.25" | 260 mm |
| Angle Flange Trim | 3" | 75 mm |
| Working Height | 32.5" | 826 mm |
| Angle Shearing | | |
| At 90° Shearing | 3" x 3" x .25" | 75 mm x 75 mm x 6 mm |
| Working Height | 40" | 1016 mm |
| Bar Shearing | | |
| Round Bar Shear | 1.125" | 30 mm |
| Square Bar Shear | 1" x 1" | 25 mm x 25 mm |
| Working Height | 43" | 1094 mm |
| Notching | | |
| Rect. Notcher (W x D x T) | 2" x 3.5" x .281" | 50.8 mm x 90 mm x 7 mm |
| Working Height | 40" | 1016 mm |
| Special Tooling | | |
| Single Vee Press Brake (L x T)* | 6.312" x .312"* | 160 mm x 8 mm* |
| Multi-Vee Press Brake (L x T)* | 9.875" x .156"* | 250 mm x 4 mm* |
| Angle Bending* | 2.5" x .312"* | 65 mm x 8 mm* |
| Pipe Notching* | 2.5"* | 63 mm* |
| Vee-Notcher (Side x Side x T)* | 3.5" x 3.5" x .312"* | 90 mm x 90 mm x 8 mm* |
| Other | | |
| Electrical Requirements | 3 Hp – 220V 1/3-Phase | |
| Net Weight (Apr.) | 1,650 lbs. | 750 kg. |
| Dimensions (L x W x H) | 38" x 27" x 62" | 965 mm x 686 mm x 1575 mm |

*Optional Tooling – Call your Baileigh Representative. Based on material tensile strength of 65,000 PSI. Specifications subject to change without notice.

Swing away stripper for easy access and fast tooling changes.



Ironworkers – SW-62

When you need more power, give the five station 62 ton SW-62 Ironworker a try. The SW-62, as with all Baileigh Ironworkers, utilizes true vertical movement eliminating troublesome pivot points and linkages. This vertical design gives Baileigh Ironworkers the smoothest operation on the market. With both single and three phase power options available, the SW-62 is the preferred choice when choosing a single operator machine.

- ◆ True vertical movement at all stations
- ◆ Oversize tables with adjustable material stops
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Manual back gauge
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Includes 7 sets of punches and dies (7/16" to 1-1/16")



Swing away stripper for easy access and fast tooling changes.

| SPECIFICATIONS – SW-62 | | |
|---------------------------------|--------------------------|----------------------------|
| Punching | | |
| Punching Pressure | 62 Tons | 55 Tons |
| Punch Capacity | 1.125" x .625" | 28 mm x 15 mm |
| (Diameter x Thickness) | 1.625" x .437" | 40 mm x 11 mm |
| Throat Depth | 8" | 200 mm |
| Max. Stroke Length | 2" | 50 mm |
| Cycles / Min. | 28 @ 15 mm | |
| Working Height Up to Die | 39.5" | 1000 mm |
| Flat Shearing | | |
| Flat Bar Shearing | 13.50" x .625" | 350 mm x 15 mm |
| Blade Length | 14.125" | 360 mm |
| Angle Flange Trim | 4" | 100 mm |
| Working Height | 31.5" | 799 mm |
| Angle Shearing | | |
| At 90° Shearing | 4" x 4" x .375" | 100 mm x 100 mm x 8 mm |
| Working Height | 40" | 1016 mm |
| Bar Shearing | | |
| Round Bar Shear | 1.5" | 40 mm |
| Square Bar Shear | 1.5" x 1.5" | 38 mm x 38 mm |
| Working Height | 44" | 1118 mm |
| Notching | | |
| Rect. Notcher (W x D x T) | 2" x 3.5" x .312" | 50.8 mm x 90 mm x 8 mm |
| Working Height | 40" | 1016 mm |
| Special Tooling | | |
| Single Vee Press Brake (L x T)* | 6.312" x .312** | 160 mm x 8 mm* |
| Multi-Vee Press Brake (L x T)* | 9.875" x .156** | 250 mm x 4 mm* |
| Angle Bending* | 2.5" x .312** | 65 mm x 8 mm* |
| Pipe Notching* | 2.5** | 63 mm* |
| Vee-Notcher (Side x Side x T)* | 3.5" x 3.5" x .312** | 90 mm x 90 mm x 8 mm* |
| Channel Shear | 4** | 102 mm* |
| I Beam Shear | 4** | 102 mm* |
| Other | | |
| Electrical Requirements | 5 Hp – 220V 1/3-Phase 60 | |
| Net Weight (Apr.) | 2,310 lbs. | 1050 kg. |
| Dimensions (L x W x H) | 45" x 30" x 68" | 1092 mm x 762 mm x 1727 mm |

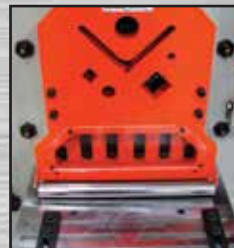
*Optional Tooling – Call your Baileigh Representative. Based on material tensile strength of 65,000 PSI. Specifications subject to change without notice.

With 95 tons of punching power and 123 tons of shearing and notching pressure, the dual operator SW-95 Ironworker is the perfect option for production fabrication shops. The hydraulic material holder at the shear station provides for incredibly accurate and distortion free cuts. Constructed from heavy structural plate that is first bolted, then electro-welded in place, the SW-95 has the power and performance that demanding shops require.

- ◆ Dual Cylinder/ Dual Operator Design
- ◆ True vertical movement at all stations
- ◆ Hydraulic material hold downs at shear station
- ◆ Oversize tables with quick adjust material stops
- ◆ Two position die holder on easy adjust T-slots
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Electric back gauge with adjustable timer
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Halogen work light
- ◆ Includes 7 sets of punches and dies (7/16" to 1-1/16")



Shearing station with hydraulic hold down



Electric back gauge



| SPECIFICATIONS – SW-95 | | |
|--|----------------------------|--------------------------------|
| Punching | | |
| Punching Pressure | 95 Tons | 85 Tons |
| Punch Capacity (Diameter x Thickness) | 1.062" x .875" 2" x .5" | 27 mm x 22 mm 50 mm x 12 mm |
| Throat Depth | 16" | 406 mm |
| Max. Stroke Length | 3.93" | 100 mm |
| Cycles / Min. | 38 @ 15 mm | |
| Working Height Up to Die | 41.3" | 1050 mm |
| Flat Shearing | | |
| Flat Bar Shearing | 16" x .75" | 406 mm x 20 mm |
| Blade Length | 16.125" | 410 mm |
| Angle Flange Trim | 4" | 100 mm |
| Working Height | 28.5" | 726 mm |
| Angle Shearing | | |
| At 90° Shearing | 5.125" x 5.125" x .5" | 130 mm x 130 mm x 12 mm |
| Working Height | 40.9" | 1040 mm |
| Bar Shearing | | |
| Round Bar Shear | 1.75" | 45 mm |
| Square Bar Shear | 1.75" x 1.75" | 45 mm x 45 mm |
| Notching | | |
| Rect. Notcher (W x D x T) | 2" x 3.5" x .5" | 50 mm x 90 mm x 12 mm |
| Working Height | 41.3" | 1050 mm |
| Special Tooling | | |
| Single Vee Press Brake (L x T)* | 9.875" x .625"* | 250 mm x 15 mm* |
| Multi-Vee Press Brake (L x T)* | 19.625" x .187"* | 500 mm x 5 mm* |
| Angle Bending* | 4" x .312"* | 102 mm x 8 mm* |
| Pipe Notching* | 4.4"* | 114 mm* |
| Large V-Notcher (Side x Side x T)* | 5.75" x 5.75" x .375"* | 145 mm x 145 mm x 10 mm* |
| Vee-Notcher (Side x Side x T)* | 4.1" x 4.1" x .5"* | 105 mm x 105 mm x 12 mm* |
| Other | | |
| Electrical Requirements | 10 Hp – 220V 3-Phase | |
| Net Weight (Apr.) | 6,050 lbs. | 2750 kg. |
| Dimensions (L x W x H) | 70.6" x 40.1" x 73.4" | 1795 mm x 1020 mm x 1865 mm |

*Optional Tooling – Call your Baileigh Representative. Based on material tensile strength of 65,000 PSI. Specifications subject to change without notice.

Ironworkers – SW-132

When you want it all, look no further than Baileigh Industrial's SW-132. The massive 132 tons of punching pressure, coupled with 179 tons of force at the shear and notching station makes the SW-132 the most powerful and feature packed unit in our lineup. This massive power, the dual operator design, and our famous quiet, smooth operation make

this the ultimate workhorse for any application.

- ◆ Dual Cylinder/ Dual Operator Design
- ◆ True vertical movement at all stations
- ◆ Hydraulic material hold downs at shear station
- ◆ Oversize tables with quick adjust material stops
- ◆ Two position die holder on easy adjust T-slots
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Electric back gauge with adjustable timer
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Halogen work light
- ◆ Includes 7 sets of punches and dies (7/16" to 1-1/16")

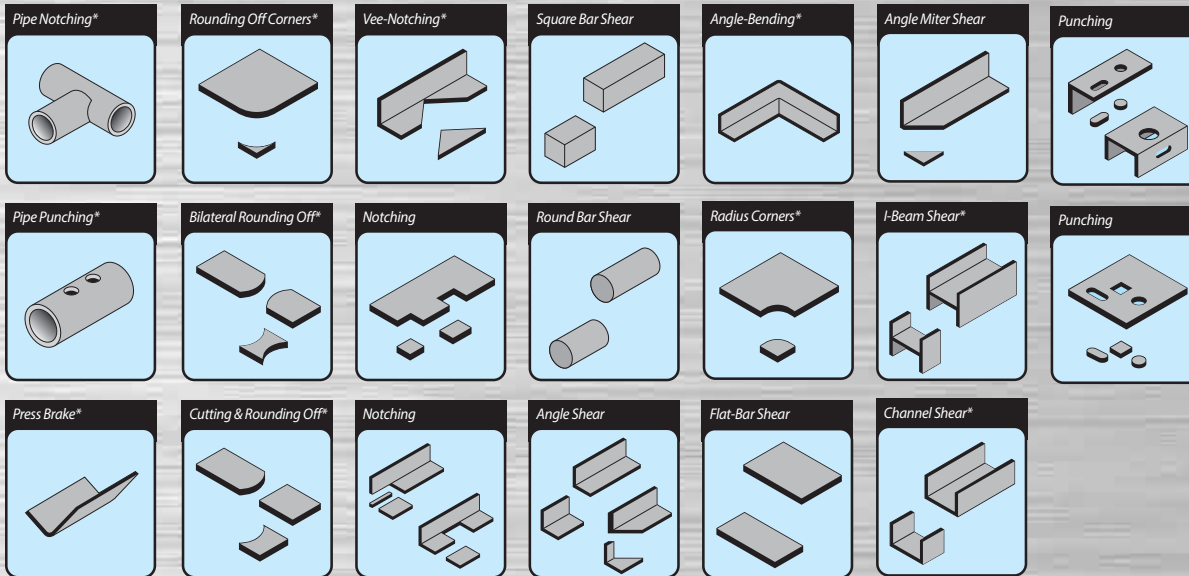
| SPECIFICATIONS – SW-132 | | |
|------------------------------------|----------------------|-----------------------------|
| Punching | | |
| Punching Pressure | 132 Tons | 120 Tons |
| Punch Capacity | 1.125" x 1.062" | 30 mm x 27 mm |
| (Diameter x Thickness) | 2" x .625" | 50 mm x 16 mm |
| Throat Depth | 16" | 406 mm |
| Max. Stroke Length | 3" | 75 mm |
| Cycles / Min. | 30 @ 15 mm | |
| Working Height Up to Die | 41.3" | 1050 mm |
| Flat Shearing | | |
| Flat Bar Shearing | 18.1" x .75" | 460 mm x 20 mm |
| Blade Length | 18.3" | 465 mm |
| Angle Flange Trim | 4" | 100 mm |
| Working Height | 30.3" | 770 mm |
| Angle Shearing | | |
| At 90° Shearing | 6" x 6" x .6" | 152 mm x 152 mm x 15 mm |
| Working Height | 39" | 990 mm |
| Bar Shearing | | |
| Round Bar Shear | 1.75" | 45 mm |
| Square Bar Shear | 1.75" x 1.75" | 45 mm x 45 mm |
| Notching | | |
| Rect. Notcher (W x D x T) | 2" x 3.5" x .5" | 50 mm x 90 mm x 12 mm |
| Working Height | 41.3" | 1050 mm |
| Special Tooling | | |
| Single Vee Press Brake (L x T)* | 9.875" x .75"* | 250 mm x 20 mm* |
| Multi-Vee Press Brake (L x T)* | 27.5" x .187"* | 700 mm x 5 mm* |
| Angle Bending* | 4" x .5"* | 102 mm x 13 mm* |
| Pipe Notching* | 4.4"* | 114 mm* |
| Large V-Notcher (Side x Side x T)* | 5.75" x 5.75" x .5"* | 145 mm x 145 mm x 13 mm* |
| Vee-Notcher (Side x Side x T)* | 4.1" x 4.1" x .6"* | 105 mm x 105 mm x 15 mm* |
| Other | | |
| Electrical Requirements | 15 Hp – 220V 3-Phase | |
| Net Weight (Apr.) | 9,460 lbs. | 4300 kg. |
| Dimensions (L x W x H) | 85.5" x 44" x 80.7" | 2170 mm x 1120 mm x 2050 mm |

*Optional Tooling – Call your Baileigh Representative. Based on material tensile strength of 65,000 PSI. Specifications subject to change without notice.



Shearing station with hydraulic hold down

Ironworkers – Tooling



*Denotes Optional Tooling

Baileigh Industrial, long known for their top quality line of metal fabricating equipment, now has their own line of tooling for their Industrial line of Ironworkers.

Baileigh Industrial carries a vast amount of tooling in stock and can special order just about anything your job would require.

We carry a full range of punches and dies for various punching needs.

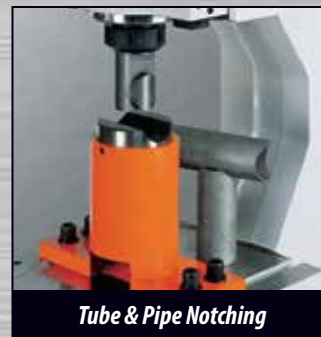
Baileigh Industrial also offers a full line of accessories for specialized applications.



Channel or Angle Punching



Channel Shearing



Tube & Pipe Notching



Multi Vee Brake



Single Vee Brakes



Ornamental Metal Forming – FB-4 / LB-8

SPECIFICATIONS – FB-4

| | | |
|---------------------------------|---------------|--------------------|
| Capacity | 3/16" | 4.76 mm. |
| Shipping Dimensions (L x W x H) | 17" x 7" x 8" | 432 x 178 x 203 mm |
| Shipping Weight | 19 lbs. | 9 kgs. |

Specifications subject to change without notice.

- ◆ 3/16" capacity
- ◆ Bench-mounted
- ◆ Bends material up to 4" wide



FB-4



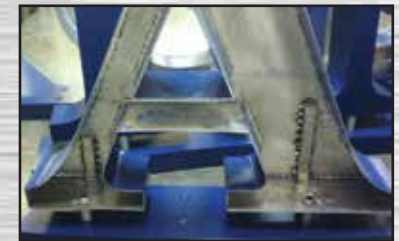
LB-8

SPECIFICATIONS – LB-8

| | | |
|---------------------------------|-----------------|--------------------|
| Aluminum Capacity | .060" | 1.5 mm |
| Power | Manual | |
| Shipping Dimensions (L x W x H) | 36" x 20" x 12" | 915 x 508 x 305 mm |
| Shipping Weight | 90 lbs. | 41 kgs. |

Specifications subject to change without notice.

- ◆ Open jaw design
- ◆ Depth stop included
- ◆ Easy to use
- ◆ Free standing
- ◆ Perfect for making letters



Ornamental Metal Forming – MCB-650

- ◆ Bends up to 200°
- ◆ 7 radius dies included
- ◆ Pedestal stand standard

| SPECIFICATIONS – MCB-650 | | |
|---------------------------------|---------------------|--------------------|
| Bend Capacity | 2" x .236" | 50 mm x 6 mm |
| Angle Capacity | 0° – 200° | |
| Shipping Dimensions (L x W x H) | 35" x 10.5" x 10.5" | 889 x 267 x 267 mm |
| Shipping Weight | 53 lbs. | 25 kgs. |

Specifications subject to change without notice.



Ornamental Metal Forming – MPB-10 / MPB-15

SPECIFICATIONS – MPB-10

| Capacity | | |
|---------------------------------|-----------------|--------------------|
| Round | .394" | 10 mm |
| Flat Bar | 1.180" x .394" | 30 mm x 10 mm |
| Square | .394" | 10 mm |
| Shipping Dimensions (L x W x H) | | |
| Shipping Dimensions (L x W x H) | 36" x 20" x 15" | 914 x 508 x 381 mm |
| Shipping Weight | | |
| Shipping Weight | 50 lbs. | 23 kgs. |

Specifications subject to change without notice.

- ◆ Scroll bender
- ◆ Includes 3" and 7" tooling
- ◆ Bench-mounted
- ◆ 3", 5" and 7" scroll die



MPB-10



MPB-15

SPECIFICATIONS – MPB-15

| Capacity | | |
|---------------------------------|----------------|--------------------|
| Round | .590" | 15 mm |
| Flat Bar | 1.180" x .314" | 30 mm x 8 mm |
| Square | .511" | 13 mm |
| Scroll Capacity | .375" | 9.5 mm |
| Shipping Dimensions (L x W x H) | | |
| Shipping Dimensions (L x W x H) | 20" x 13" x 9" | 508 x 330 x 228 mm |
| Shipping Weight | | |
| Shipping Weight | 52 lbs. | 24 kgs. |

Specifications subject to change without notice.

- ◆ Bend rolls, hoops, and coils
- ◆ Works with round, square, and flat stock
- ◆ Bench-mounted
- ◆ 3" diameter pin
- ◆ 90° bend die
- ◆ 5-1/4" scroll

Ornamental Metal Forming – MPB-40

SPECIFICATIONS – MPB-40

| Scroll Capacity | | |
|---------------------------------|-----------------|---------------------|
| Round | 3/8" | 9.5 mm |
| Square | 3/8" | 9.5 mm |
| Flat Bar | 1-1/4" x 1/4" | 32 x 6.3 mm |
| Bend Capacity | | |
| Round | 3/8" | 9.5 mm |
| Square | 3/8" | 9.5 mm |
| Flat Bar | 1-1/4" x 1/4" | 32 x 6.3 mm |
| Twist Capacity | | |
| Round | 3/8" | 9.5 mm |
| Square | 3/8" | 9.5 mm |
| Flat Bar | 1-1/4" x 1/4" | 32 x 6.3 mm |
| Shear Capacity | | |
| Round | .236 | 6 mm |
| Square | .236 | 6 mm |
| Punching Capacity | | |
| | 1/8" | 3 mm |
| Shipping Dimensions (L x W x H) | | |
| | 42" x 34" x 13" | 1067 x 864 x 330 mm |
| Shipping Weight | | |
| | 75 lbs. | 34 kgs. |

Specifications subject to change without notice.

- ◆ Complete ornamental system
- ◆ Scroll ◆ Twist
- ◆ Bend ◆ Roll
- ◆ Shear ◆ Small compact size
- ◆ 6-1/2" scroll die

The MPB-40 bench top bending system from Baileigh Industrial can bend, twist, and roll wrought iron up to 1-1/4" X 1/4" rectangular and 3/8" square or round stock. This system is perfect for fabricating flat metal railing and other ornamental items.

The MPB-40 includes a complete set of jigs for bending wrought iron into just about any shape imaginable. The MPB-40 ornamental bender can bend curves, spirals, angles, and do twisting as well. One other added feature of the MPB-40 is that it also includes a manual shear for cutting your stock to the proper length.



Ornamental Metal Forming – MPB-275

SPECIFICATIONS – MPB-275

| Capacity | | |
|---------------------------------|-------------------|-----------------------|
| Solid Round | 1" | 25 mm |
| Flat Bar (easy way) | 1/2" x 2" | 12 x 50 mm |
| Solid Square | 1" x 1" | 25 mm x 25 mm |
| Round Pipe (sched. 40) | 1-1/4" | 31.75 mm |
| Max. Degree of Bend | 9999° | |
| Bend Direction | Bidirectional | |
| Max. Bend Speed | 180° in 5 sec. | |
| Max. RPM | 6 | |
| Power Requirements | 220V Single Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1118 x 1727 mm |
| Shipping Weight | 750 lbs. | 341 kgs. |

Specifications subject to change without notice.

- ◆ Maximum rotation 9999° bidirectional
- ◆ 5 second 180° bend speed
- ◆ 6 rpm output maximum
- ◆ 1.25 sch. 40 pipe capacity
- ◆ 1/2 x 2 easy way solid steel capacity
- ◆ 1 x 1 solid bar capacity
- ◆ 1.0 diameter steel bar capacity
- ◆ Includes bend pins (1.5" tall) – 3.0 IR, 2.5 IR, 2.0 IR, 1.5 IR, 1.25, 1.0, 0.625 IR
- ◆ Includes universal bending plate with 4 hardened lock pins
- ◆ Includes tight nose bending tool
- ◆ Includes roller bending tool
- ◆ Includes one rotating stop and one fixed stop
- ◆ Includes adapter to run standard dies and counter dies standard RDB-250 controller
- ◆ Includes 4 shear pins



Scroll



Scroll Pins



Dies



Bend Plate



Degree Plate



Offset Pin



Pittsburgh Machine – LF-20



- ◆ Pittsburgh style lock former
- ◆ 20-gauge capacity
- ◆ 5/16" – 3/8" pocket depth
- ◆ Optional rolls available
- ◆ 220V 1-phase

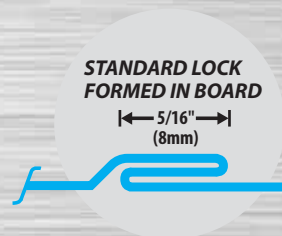
| SPECIFICATIONS – LF-20 | | |
|---------------------------------|-------------------|----------------------|
| Capacity | 20 ga. | |
| Depth of Pocket (adjustable) | .314" up to .375" | 8 mm up to 9.5 mm |
| Speed | 25 fpm / 7.6 mpm | |
| Motor | 1 hp | |
| Power | 220V 1-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1525 x 1118 x 1727mm |
| Shipping Weight | 410 lbs. | 186 kgs. |

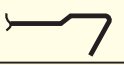



Specifications subject to change without notice.

| OPTIONAL TOOLING | |
|------------------|--------------------------------------|
| SKU | Description |
| 1004986 | Double Seam Optional Roll for LF-20 |
| 1004987 | Drive Cleat Optional Roll For LF-20 |
| 1004988 | Optional Flange attachment for LF-20 |
| 1004989 | Right Angle Optional Roll for LF-20 |

Shown With Optional Tooling

Optional Tooling for LF-20

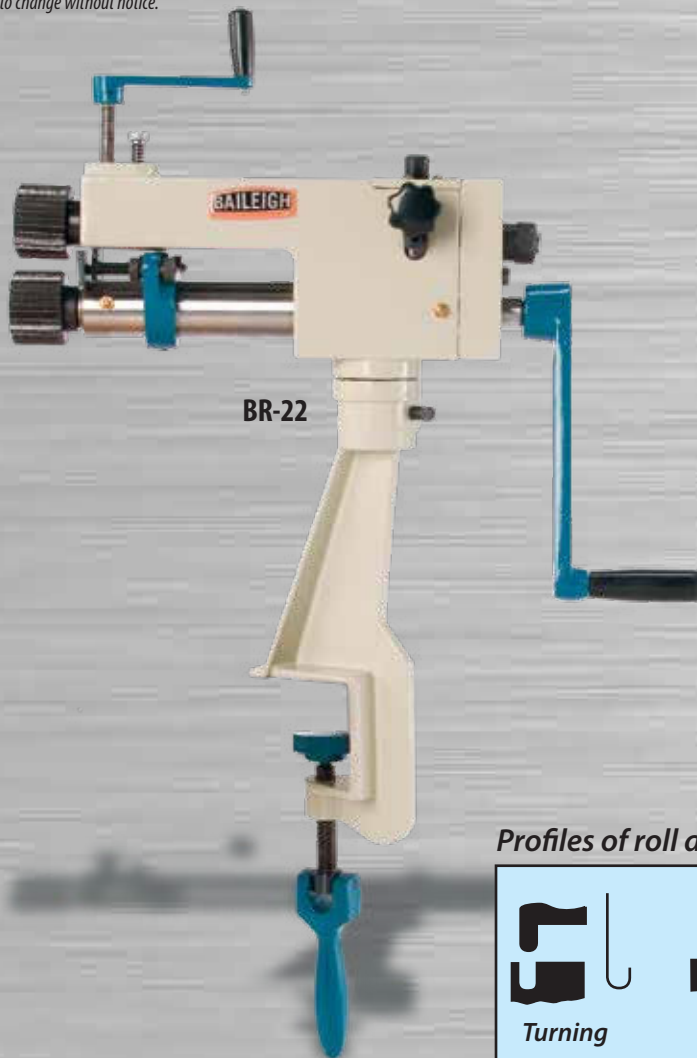


| Rolls |  |  |  |  |
|-----------------------|---|---|---|---|
| Capacity | 20–26 ga. | 20–26 ga. | 20–26 ga. | 20–26 ga. |
| Approx. Material Used | 1" (25mm) | 2-1/8" (54mm) | up to 3/16" (5mm) | up to 3/8" (9.5mm) |
| Size | 3/8" Seam (9.5mm) | 1-1/8" (28mm) | up to 3/16" Height (5mm) | up to 3/8" Height (9.5mm) |

Bead Rollers – BR-22 / BF-035

| SPECIFICATIONS – BR-22 | | |
|---------------------------------|----------------|--------------------|
| Capacity (mild steel) | 22 ga. | |
| Throat Depth | 7" | 177 mm |
| Shipping Dimensions (L x W x H) | 20" x 18" x 8" | 508 x 457 x 203 mm |
| Shipping Weight | 71 lbs. | 33 kgs. |

Specifications subject to change without notice.



BR-22

- ◆ 7" throat depth
- ◆ Bench-mounted
- ◆ Dies included: 1/4" and 1/8" turning, wiring, crimping, burring, and ogee bead

The BR-035 makes short work of hose beads on all types of tubing and is great for fuel, radiator, and intake lines.

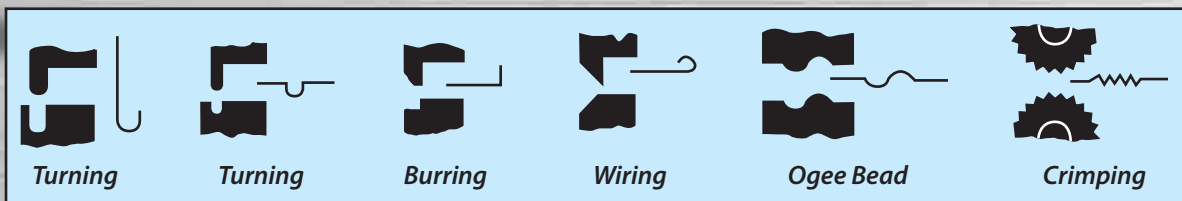
| SPECIFICATIONS – BF-035 | | |
|-------------------------|--------|----------|
| Capacity (mild steel) | .035" | .9 mm |
| Minimum OD | 3/8" | 9.5 mm |
| Shipping Weight | 5 lbs. | 2.3 kgs. |

Specifications subject to change without notice.



BF-035

Profiles of roll dies included with the model BR-22



Bead Rollers – BR-18M-18



BR-18M-18

SPECIFICATIONS – BR-18M-18

| Capacity (mild steel) | 18 ga. | |
|---------------------------------|----------------|--------------------|
| Throat Depth | 18" | 457 mm |
| Shipping Dimensions (L x W x H) | 36" x 18" x 8" | 914 x 457 x 203 mm |
| Shipping Weight | 97 lbs. | 45 kgs. |

Specifications subject to change without notice.

- ◆ 18" throat depth
- ◆ 18-gauge mild steel capacity
- ◆ Floor stand included
- ◆ Includes beading and flanging dies

Bead Rollers – BR-18M-24 / BR-18E-24

| SPECIFICATIONS – BR-18M-24 | | |
|---------------------------------|----------------|--------------------|
| Capacity (mild steel) | 18 ga. | |
| Throat Depth | 24" | 609 mm |
| Stand | Included | |
| Roll Holder | Included | |
| Adjustable Depth Stop | Included | |
| Shipping Dimensions (L x W x H) | 36" x 18" x 8" | 914 x 457 x 203 mm |
| Shipping Weight | 110 lbs. | 50 kgs. |

Specifications subject to change without notice.

- ◆ 18-gauge mild steel capacity
- ◆ 16-gauge aluminum capacity
- ◆ 24" throat depth
- ◆ Manual control
- ◆ Stand and depth stop included
- ◆ Adjustable length top and bottom shafts



BR-18M-24



Inline Roll Placement

Shown with Optional Tooling



Offset Roll Placement

Shown with Optional Tooling

Optional Work Table —
SKU 1010009



- ◆ 16-gauge mild steel capacity
- ◆ 16-gauge aluminum capacity
- ◆ 24" throat depth
- ◆ Variable speed foot pedal control
- ◆ Forward and reverse rotation
- ◆ Stand and depth stop included
- ◆ Adjustable length top and bottom shafts
- ◆ 110V

| SPECIFICATIONS – BR-18E-24 | | |
|---------------------------------|-------------------|---------------------|
| Capacity (mild steel) | 16 ga. | |
| Throat Depth | 24" | 609 mm |
| Stand | Included | |
| Roll Holder | Included | |
| Adjustable Depth Stop | Included | |
| Power | 110V | |
| Motor HP | 1/8 hp | |
| Shipping Dimensions (L x W x H) | 50.5" x 28" x 12" | 1283 x 711 x 305 mm |
| Shipping Weight | 150 lbs. | 69 kgs. |

Specifications subject to change without notice.



BR-18E-24

Bead Rollers – BR-18E-36

| OPTIONAL TOOLING | |
|------------------|---|
| SKU | Description |
| 1000864 | .090" Step Roll Set for BR-18E |
| 1000866 | 1" Flat Bead Roll Set for BR-18E |
| 1000868 | 1" Round Bead Roll Set for BR-18E |
| 1000870 | 1/16" Step Roll Set for BR-18E |
| 1000872 | 1/2" Flat Bead Roll Set for BR-18E |
| 1000874 | 1/2" Round Bead Roll Set for BR-18E |
| 1000876 | 1/4" Flat Bead Roll Set for BR-18E |
| 1000878 | 1/4" Round Bead Roll Set for BR-18E |
| 1000880 | 1/4" Step Roll Set for BR-18E |
| 1000882 | 1/8" Flat Bead Roll Set for BR-18E |
| 1000884 | 1/8" Round Bead Roll Set for BR-18E |
| 1000886 | 1/8" Step Roll Set for BR-18E |
| 1000888 | 1-1/4" Spoiler Roll Set for BR-18E |
| 1000890 | 3/16" Flat Bead Roll Set for BR-18E |
| 1000892 | 3/16" Round Bead Roll Set for BR-18E |
| 1000894 | 3/16" Step Roll Set for BR-18E |
| 1000896 | 3/32 Step Roll Set for BR-18E |
| 1000898 | 3/4" Flat Bead Roll Set for BR-18E |
| 1000900 | 3/4" Round Bead Roll Set for BR-18E |
| 1000902 | 3/8" Flat Bead Roll Set for BR-18E |
| 1000904 | 3/8" Round Bead Roll Set for BR-18E |
| 1000906 | 45 Degree Step Roll Set for BR-18E |
| 1000908 | 5/16" Flat Bead Roll Set for BR-18E |
| 1000910 | 5/16" Round Bead Roll Set for BR-18E |
| 1000912 | 5/8" Round Bead Roll Set for BR-18E |
| 1010479 | Thin Bead Art Roll for BR-18E (One Roll) |
| 1010484 | Thin Bead Art Roll for BR-18E (Set of 2 Dies) |
| 1010481 | Hem Roll Set #1 for BR-18E (Set of 2 Dies) |
| 1010482 | Hem Roll Set #2 for BR-18E (Set of 2 Dies) |
| 1010483 | Hem Roll Set #3 for BR-18E (Set of 2 Dies) |
| 1010480 | Rotary Shear Set for BR-18E (Set of 2 Dies) |
| 1010486 | Plastic Solid Groove Roll for BR-18E (One Roll) |
| 1010485 | Plastic Solid Roll for BR-18E (Set of Two Dies) |
| 1010478 | Tipping Roll Set for BR-18E (Set of Two Dies) |
| 1010489 | Heavy Duty Tube Bead Set (Set of Two Dies) |
| 1010487 | Plastic Universal Groove Roll for BR-18E (One Roll) |
| 1010488 | "Z" Soft Step Roll Set for BR-18E (Set of Two Dies) |

- ◆ 16-gauge mild steel capacity
- ◆ 16-gauge aluminum capacity
- ◆ 36" throat depth
- ◆ Variable speed foot pedal control
- ◆ Forward and reverse rotation
- ◆ Stand and depth stop included
- ◆ Adjustable length top and bottom shafts
- ◆ 110V



| SPECIFICATIONS – BR-18E-36 | | |
|---------------------------------|-------------------|---------------------|
| Capacity (mild steel) | 16 ga. | |
| Throat Depth | 36" | 915 mm |
| Stand | Included | |
| Roll Holder | Included | |
| Adjustable Depth Stop | Included | |
| Power | 110V | |
| Motor HP | 1/8 hp | |
| Shipping Dimensions (L x W x H) | 50.5" x 28" x 12" | 1283 x 711 x 305 mm |
| Shipping Weight | 200 lbs. | 91 kgs. |

Specifications subject to change without notice.

Oversized Hand Wheel



Depth Stop



Optional Work Table SKU-1010009



Bead Rollers – BR-16E-36EV

| SPECIFICATIONS – BR-16E-36EV | | |
|---------------------------------|-----------------|-----------------------|
| Capacity (mild steel) | 16 ga. | |
| Capacity (aluminum) | 14 ga. | |
| Throat Depth | 36" | 915 mm |
| Throat Style | Envelope | |
| Shaft Diameter | 3/4" | 19.05 mm |
| Tool Holding | Pressure | |
| Power | 110V | |
| Motor HP | 1/2 hp | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1117 x 1727 mm |
| Shipping Weight | 300 lbs. | 137 kgs. |

Specifications subject to change without notice.

- ◆ Envelope style throat for maximum rigidity
- ◆ 16-gauge mild steel
- ◆ 14-gauge aluminum capacity
- ◆ 36" throat depth
- ◆ Inverter driven
- ◆ Variable speed foot pedal control
- ◆ Forward and reverse rotation
- ◆ Quick release top roll
- ◆ Adjustable depth on top roll
- ◆ Depth stop included
- ◆ 110V



"Working with Baileigh Industrial over the years has been a great way to keep up with cutting edge machinery and to network with other pioneers in the field"

*Mike Wagner – Owner
Cornfield Customs Ltd.*

Bead Rollers – BR-16E-36LT

- ◆ Lower throat style for more access to curved panels
- ◆ 16-gauge mild steel
- ◆ 14-gauge aluminum capacity
- ◆ 36" throat depth
- ◆ Inverter driven

- ◆ Variable speed foot pedal control
- ◆ Forward and reverse rotation
- ◆ Quick release top roll
- ◆ Adjustable depth on top roll
- ◆ Depth stop included
- ◆ 110V

| SPECIFICATIONS – BR-16E-36LT | | |
|---------------------------------|-----------------|-----------------------|
| Capacity (mild steel) | 16 ga. | |
| Capacity (aluminum) | 14 ga. | |
| Throat Depth | 36" | 915 mm |
| Throat Style | Lower Throat | |
| Shaft Diameter | 3/4" | 19.05 mm |
| Tool Holding | Pressure | |
| Power | 110V | |
| Motor HP | 1/2 hp | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1117 x 1727 mm |
| Shipping Weight | 300 lbs. | 137 kgs. |

Specifications subject to change without notice.

| OPTIONAL TOOLING | |
|------------------|--|
| SKU | Description |
| 1018988 | .025" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018989 | .032" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018990 | .050" Narrow Art Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018991 | .050" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018992 | .062" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018993 | .125" Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019012 | 1/8" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018994 | .1875" Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019013 | .1875" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019007 | .25" Flat Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018995 | .250" Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019014 | .3125" Flat Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018996 | .375" Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018997 | .5" Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019008 | .5" Flat Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019015 | 3/4" Round Bead Roll for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019009 | 1/2" Radius Tank Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019016 | 1/2" Vee Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019010 | 1/4" Radius Tank Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018998 | 1/8" Flat Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1018999 | 3" Blank Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019000 | 3" Flat Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019001 | 3/8" Flat Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019002 | 30 Degree Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019003 | 45 Degree Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019005 | 5/16" Round Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019011 | 5/32" Radius Tank Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019017 | Blank Flat Rubber Roll for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019006 | Tipping Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |
| 1019018 | 1/8" Wire bead dies for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia. |



Bead Rollers – BR-16E-36

SPECIFICATIONS – BR-16E-36

| | | |
|---------------------------------|----------------------|-----------------------|
| Capacity (mild steel) | 16 ga. | |
| Capacity (aluminum) | 14 ga. | |
| Throat Depth | 36" | 915 mm |
| Throat Style | Lower Throat | |
| Shaft Diameter | 7/8" | 22.22 mm |
| Tool Holding | Keyway with Pressure | |
| Power | 110V | |
| Motor HP | 1/2 hp | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1117 x 1727 mm |
| Shipping Weight | 300 lbs. | 137 kgs. |

Specifications subject to change without notice.

- ◆ Upper throat style for more access to curved panels
- ◆ 16-gauge mild steel
- ◆ 14-gauge aluminum capacity
- ◆ 36" throat depth
- ◆ Inverter driven
- ◆ Variable speed foot pedal control
- ◆ Forward and reverse rotation
- ◆ Left or right hand operation controls
- ◆ Quick release top roll
- ◆ Adjustable depth on bottom roll
- ◆ Depth stop included
- ◆ 110 volt



OPTIONAL TOOLING

| SKU | Description |
|---------|--|
| 1008519 | .025" Step Roll Set for BR-16E, 3" Dia. |
| 1000843 | .032" Step Roll Set for BR-16E, 3" Dia. |
| 1000844 | .050" Step Roll Set for BR-16E, 3" Dia. |
| 1000845 | .062" Step Roll Set for BR-16E, 3" Dia. |
| 1000846 | .125" Bead Roll Set for BR-16E, 3" Dia. |
| 1000847 | .1875" Bead Roll Set for BR-16E, 3" Dia. |
| 1000848 | .250" Bead Roll Set for BR-16E, 3" Dia. |
| 1000849 | .3125" Bead Roll Set for BR-16E, 3" Dia. |
| 1000850 | .375" Bead Roll Set for BR-16E, 3" Dia. |
| 1000851 | .5" Bead Roll Set for BR-16E, 3" Dia. |
| 1000852 | 3" Blank Roll Set for BR-16E, 3" Dia. |
| 1000853 | 3" Flat Roll Set for BR-16E, 3" Dia. |
| 1000854 | 30 Degree Roll Set for BR-16E, 3" Dia. |
| 1000855 | 45 Degree Roll Set for BR-16E, 3" Dia. |
| 1000856 | Tipping Roll Set for BR-16E, 3" Dia. |
| 1000857 | .120" Step Roll Set for BR-16E, 3" Dia. |
| 1000858 | .25" Flat Bead Roll Set for BR-16E, 3" Dia. |
| 1000859 | .5" Flat Bead Roll Set for BR-16E, 3" Dia. |
| 1000860 | 5/32" Radius Tank Roll Set for BR-16E, 3" Dia. |
| 1008517 | 1/8" Step Roll Set for BR-16E, 3" Dia. |
| 1008518 | .1875" Step Roll Set for BR-16E, 3" Dia. |
| 1000861 | 3/4" Round Bead Roll for BR-16E, 3" Dia. |



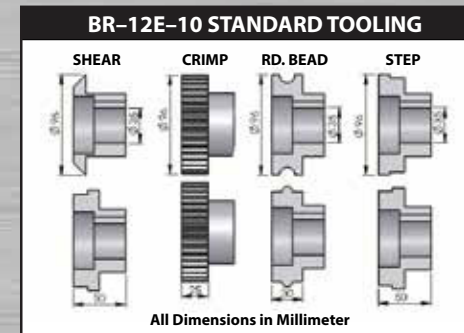
Bead Rollers – BR-12E-10



| SPECIFICATIONS – BR-12E-10 | | |
|---------------------------------|-------------------|----------------------|
| Capacity (mild steel) | 12 ga. | |
| Throat Depth | 10" | 250 mm |
| Stand | Included | |
| Adjustable Depth Stop | Included | |
| Roll Diameter | 3.77" | 96 mm |
| Power | 220V Single Phase | |
| Motor HP | 2 hp | 1.5 kw |
| Shipping Dimensions (L x W x H) | 56" x 22" x 45" | 1400 x 550 x 1120 mm |
| Shipping Weight | 770 lbs. | 350 kgs. |

Specifications subject to change without notice.

- ◆ 12-gauge mild steel capacity
- ◆ Fully welded steel capacity
- ◆ Adjustable depth on bottom roll
- ◆ Material depth stop
- ◆ Gearbox with brake
- ◆ Foot pedal control
- ◆ Integrated storage cabinet
- ◆ Includes four rolls standard, crimp, shear, round bead, step
- ◆ Other tooling available



Shrinker Stretchers – MSS-18 / MSS-16

| SPECIFICATIONS – MSS-18 | | |
|---------------------------------|----------------|---------------------|
| Capacity | | |
| Mild Steel | 18 ga. | |
| Aluminum | 16 ga. | |
| Throat Depth | 1.5" | 38 mm |
| Stand | Included | |
| Shipping Dimensions (L x W x H) | 44" x 21" x 9" | 1118 x 533 x 229 mm |
| Shipping Weight | 70 lbs. | 32 kgs. |

Specifications subject to change without notice.

- ◆ Standard adjustable height stand
- ◆ Housing and jaws for shrinking and stretching included

- ◆ 16-gauge mild steel capacity
- ◆ 8" throat depth
- ◆ Includes both shrinker and stretcher jaws

| SPECIFICATIONS – MSS-16 | | |
|---------------------------------|-----------------|--------------------|
| Capacity | | |
| Mild Steel | 16 ga. | |
| Aluminum | 14 ga. | |
| Throat Depth | 8" | 203 mm |
| Stand | Optional | |
| Shipping Dimensions (L x W x H) | 36" x 20" x 15" | 914 x 508 x 381 mm |
| Shipping Weight | 50 lbs. | 23 kgs. |

Specifications subject to change without notice.



Shrinker Stretchers – MSS-16F



| SPECIFICATIONS – MSS-16F | | |
|---------------------------------|------------------|---------------------|
| Capacity | | |
| Mild Steel | 16 ga. | |
| Aluminum | 14 ga. | |
| Throat Depth | 6" | 152 mm |
| Stand | Included | |
| Shipping Dimensions (L x W x H) | 45.5" x 20" x 8" | 1156 x 508 x 203 mm |
| Shipping Weight | 92 lbs. | 42 kgs. |

Specifications subject to change without notice.



- ◆ 16-gauge mild steel capacity
- ◆ 6" throat depth
- ◆ Includes quick change jaws for shrinking and stretching of mild steel
- ◆ Less marring
- ◆ Aluminum jaws available
- ◆ Foot pedal operated

| OPTIONAL TOOLING | |
|------------------|--|
| SKU | Description |
| 1005717 | Set of Shrinker Jaws for Aluminum, less marking |
| 1005718 | Set of Stretcher Jaws for Aluminum, less marking |

Shrinker Stretchers – MSS-14F

| SPECIFICATIONS – MSS-14F | | |
|---------------------------------|-----------------|----------------------|
| Capacity | | |
| Mild Steel | 16 ga. | |
| Aluminum | 14 ga. | |
| Throat Depth | 6" | 152 mm |
| Stand | Included | |
| Movement | Foot Operated | |
| Power | Manual | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1118 x 1676mm |
| Shipping Weight | 200 lbs. | 90 kgs. |

Specifications subject to change without notice.

- ◆ 16-gauge mild steel capacity
- ◆ 6" throat depth
- ◆ Foot operated
- ◆ Unique reversible jaws for shrinking and stretching
- ◆ Patent no. 9,021,849



Shrinker Stretchers – MSS-14H



| SPECIFICATIONS – MSS-14H | | |
|---------------------------------|-------------------------------|----------------------|
| Capacity | | |
| Mild Steel | 14 ga. | |
| Aluminum | 12 ga. | |
| Throat Depth | 6" | 152 mm |
| Stand | Included | |
| Movement | Hydraulic Down / Pneumatic Up | |
| Power | 110V | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 66" | 1524 x 1118 x 1676mm |
| Shipping Weight | 300 lbs. | 136 kgs. |

Specifications subject to change without notice.

- ◆ 14-gauge mild steel capacity
- ◆ 6" throat depth
- ◆ Hydraulic / pneumatic operation
- ◆ Unique reversible jaws for shrinking and stretching
- ◆ 110V
- ◆ Patent pending

English Wheels – EW-28

SPECIFICATIONS – EW-28

| Capacity | | |
|---------------------------------|-------------------------|-------------------------------|
| Mild Steel | 18 ga. | |
| Aluminum | 14 ga. | |
| Throat Depth | 28" | 711 mm |
| Lower Die Radius | 2", 3", 4", 6", 8", 12" | 51, 76, 102, 152, 203, 305 mm |
| Top Wheel Dimensions | 8" x 2" | 203 x 51 mm |
| Shipping Dimensions (L x W x H) | 36" x 34" x 15" | 914 x 864 x 381 mm |
| Shipping Weight | 191 lbs. | 87 kgs. |

Specifications subject to change without notice.

- ◆ 18-gauge mild steel capacity
- ◆ 28" throat depth
- ◆ Flip out tool holder
- ◆ Heavy-duty stand
- ◆ Includes 6 radius anvils



English Wheels – EW-40



SPECIFICATIONS – EW-40

| Capacity | | |
|---------------------------------|-------------------|-----------------------|
| Mild Steel | 16 ga. | |
| Aluminum | 14 ga. | |
| Throat Depth | 37.75" | 960 mm |
| Lower Die Edge Radius | .125", .50", .75" | 3.175, 12.7, 19.05 mm |
| Lower Crown Radius | 6" x 2.24" | 152.4 mm x 57.15 mm |
| Top Wheel Dimensions | 6" x 2.25" | 178 x 76 mm |
| Step Roll | .313" x .25" | 7.951 mm x 6.35 mm |
| Bead Rolls | .75", 1.5" | 19.05 mm, 38.1 mm |
| Shipping Dimensions (L x W x H) | 68" x 36" x 15" | 1727 x 914 x 381 mm |
| Shipping Weight | 407 lbs. | 185 kgs. |

Specifications subject to change without notice.

- ◆ 16-gauge mild steel capacity
- ◆ Fully welded construction
- ◆ 9 interchangeable hardened metal rolls
- ◆ Sealed bearings in wheels
- ◆ Cam quick release
- ◆ Foot wheel tension adjustments
- ◆ 37-3/4" throat depth
- ◆ 90 degree swivel head
- ◆ Upper roll size: flat, 2-1/4" w x 6" dia.
- ◆ Includes tooling holder
- ◆ Step and bead tooling included

English Wheels – EW-30

SPECIFICATIONS – EW-30

| Capacity | | |
|---------------------------------|------------------------------|-----------------------|
| Mild Steel | 10 ga. | |
| Aluminum | 0.125 (Soft) | 3.175 mm |
| Throat Depth | 30" | 940 mm |
| Lower Die Radii (inch) | Flat, 36, 24, 12, 8, 6, 4, 2 | |
| Lower Wheel Dimensions | 3" | 76.2 mm |
| Top Wheel Dimensions | 10" Dia. x 3.0 | 254 x 76.2 mm |
| Shipping Dimensions (L x W x H) | 48" x 48" x 84" | 1220 x 1220 x 2134 mm |
| Shipping Weight | 1,000 lbs. | 454 kgs. |

Specifications subject to change without notice.

- ◆ 30" throat depth
- ◆ Ridged twin plate design
- ◆ Integrated roll holder
- ◆ 10" x 3" upper wheel
- ◆ Locking cam quick release
- ◆ Includes 7 lower anvils



English Wheels – EW-37HD



SPECIFICATIONS – EW-37HD

| | | |
|---------------------------------|------------------------------|-----------------------|
| Capacity | | |
| Mild Steel | 10 ga. | |
| Aluminum | 0.125 (Soft) | 3.175 mm |
| Throat Depth | 37" | 940 mm |
| Lower Die Radii (inch) | Flat, 36, 24, 12, 8, 6, 4, 2 | |
| Lower Wheel Dimensions | 3" | 76.2 mm |
| Top Wheel Dimensions | 10" Dia. x 3.0 | 254 x 76.2 mm |
| Shipping Dimensions (L x W x H) | 48" x 48" x 84" | 1220 x 1220 x 2134 mm |
| Shipping Weight | 1,600 lbs. | 728 kgs. |

Specifications subject to change without notice.

- ◆ 37" Oversized throat depth
- ◆ Ridged twin plate design
- ◆ Integrated roll holder
- ◆ 10" x 3" upper wheel
- ◆ Locking cam quick release
- ◆ Includes 7 lower anvils



Planishing Hammer – PH-24A

SPECIFICATIONS – PH-24A

| | | |
|---------------------------------|---------------------|----------------------|
| Capacity | | |
| Mild Steel | 16 ga. | |
| Aluminum | 14 ga. | |
| Throat Depth | 24" | 610 mm |
| Tooling Height Adj. | 1-1/2" | 38.1 mm |
| Speed (Variable) | 4600 beats / minute | |
| Motor | N/A | |
| Power | 15-120 PSI | |
| Shipping Dimensions (L x W x H) | 69" x 44" x 20" | 1752 x 1117 x 508 mm |
| Shipping Weight | 175 lbs. | 79 kgs. |

Specifications subject to change without notice.

- ◆ 16-gauge mild steel capacity
- ◆ Fully welded 4" x 4" construction
- ◆ Air operated
- ◆ 4600 blows per minute
- ◆ Includes filter, oiler, regulator and foot pedal
- ◆ Stainless steel main shaft
- ◆ Hardened steel hammer head
- ◆ 24" throat depth
- ◆ 2-1/2" head opening
- ◆ 9 radius dies included: flat, 3/4", 1-1/2", 2", 3", 4", 6", 8", and 12"



Planishing Hammer – PH-36A

Optional Dog Leg for More Clearance – SKU# 1016247



SPECIFICATIONS – PH-36A

| | | |
|---------------------------------|---------------------------------|-----------------------|
| Capacity | | |
| Mild Steel | 16 ga. | |
| Aluminum | 14 ga. | |
| Throat Depth | 36" | 915 mm |
| Tooling Height Adjustment | 11" | 280 mm |
| Speed (variable) | 3200 beats / minute | |
| Included Tooling | Flat 2", 3", 6", 12", 24" Radii | |
| Power | 80 – 120 psi | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1117 x 1727 mm |
| Shipping Weight | 200 lbs. | 91 kgs. |

Specifications subject to change without notice.

- ◆ 16-gauge mild steel capacity
- ◆ Air operation
- ◆ Includes filter, oiler, regulator and foot pedal
- ◆ 36" throat depth
- ◆ Adjustable material opening
- ◆ Top and bottom supports have adjustable length for offset planishing
- ◆ Includes 7 radius dies, flat, 2", 3", 6", 8", 12", and 24"
- ◆ Fully assembled

Included Tooling



Reciprocating Hammer – PH-19

SPECIFICATIONS – PH-19

| | | |
|---------------------------------|-------------------------|-----------------------|
| Capacity | | |
| Mild Steel | 16 ga. | |
| Aluminum | 12 ga. | |
| Throat Depth | 19" | 483 mm |
| Tooling Height Adjustment | 5" | 127 mm |
| Speed (variable) | 0 – 1700 beats / minute | |
| Power | 110V | |
| Shipping Dimensions (L x W x H) | 60" x 48" x 84" | 1524 x 1219 x 2134 mm |
| Shipping Weight | 1,000 lbs. | 455 kgs. |

Specifications subject to change without notice.

- ◆ 19" throat depth
- ◆ Quick release handle raises top ram
- ◆ Quick change tooling
- ◆ Adjustable stroke
- ◆ Fully adjustable lower tool post
- ◆ Variable speed option
- ◆ Includes portable stand
- ◆ Adjustable tool clearance
- ◆ 110V

OPTIONAL TOOLING

| SKU | Description |
|----------|--|
| 1005966 | 3/8" Louver Tool for Power Hammer |
| 1005967 | 1/4" Beading Die Set Top & Bottom |
| 1005968 | 3/8" Beading Die Set Top & Bottom |
| 1005969 | 1/2" Beading Dies, Set of Two 2.0 Dia. |
| 1005970 | 2" Diameter Blank Die, 1" Thick |
| 1005971 | 3" Diameter Blank Die, 1" Thick |
| 1005975 | Mini Thumbnail Shrink Dies, Set of Two |
| 1005980 | 1.5 Radius Lower Die 2.0" Dia. |
| 1005981 | 2.0 Radius Lower Die 2.0" Dia. |
| 1005982 | 3.0 Radius Lower Die 2.0" Dia. |
| 1009289 | 6.0 Radius Lower Die 2.5" Dia. |
| 1009288 | 8.0 Radius Lower Die 2.5" Dia. |
| 1012452 | 12.0 Radius Lower Die 2.5" Dia. |
| 1012453 | 24.0 Radius Lower Die 2.5" Dia. |
| 10124554 | 36.0 Radius Lower Die 2.5" Dia. |
| 1005994 | Rubber Top Die 80 Durometer 3.0 Dia. |
| 1005996 | Universal Tool Holder, 1/2" Square Opening, Set of Two |
| 1005997 | Universal Tool Holder, 3/4" Square Opening, Set of Two |
| 1005998 | Universal Tool Holder, 7/8" Square Opening, Set of Two |



Reciprocating Hammer – PH-19VS



| SPECIFICATIONS – PH-19VS | | |
|---------------------------------|-------------------------|-----------------------|
| Capacity | | |
| Mild Steel | 16 ga. | |
| Aluminum | 12 ga. | |
| Throat Depth | 19" | 483 mm |
| Tooling Height Adjustment | 5" | 127 mm |
| Speed (variable) | 0 – 1700 beats / minute | |
| Power | 110V | |
| Shipping Dimensions (L x W x H) | 60" x 48" x 84" | 1524 x 1219 x 2134 mm |
| Shipping Weight | 1,000 lbs. | 455 kgs. |

Specifications subject to change without notice.

- ◆ Inverter driven
- ◆ Variable speed
- ◆ 19" throat depth
- ◆ Quick release handle raises top die
- ◆ Fully adjustable lower die
- ◆ Portable
- ◆ 110V



Power Hammer – IRM-32

| SPECIFICATIONS – IRM-32 | | |
|---------------------------------|--|-----------------------|
| Capacity | | |
| Mild Steel | 16 ga. | |
| Aluminum | 14 ga. | |
| Throat Depth | 32" | 812 mm |
| Speed (variable) | 1000 beats / minute | |
| Tooling Height Adjustment | 2' 50 mm | |
| Included Tooling | 2" Thumbnail Shrinking Dies, 3/4" Collet Adapters | |
| Power | 220V 3-phase | |
| Shipping Dimensions (L x W x H) | 48" x 48" x 80" | 1220 x 1220 x 2032 mm |
| Shipping Weight | 1,200 lbs. | 545 kgs. |

Specifications subject to change without notice.

- ◆ 16-gauge mild steel capacity
- ◆ Uses – thumbnail shrinking, deep panel mechanical shrinking, beading, and louvers
- ◆ Uses inertial to move metal
- ◆ Variable speed up to 1000 beats per minute
- ◆ 32" throat depth
- ◆ Quick release tooling
- ◆ Includes 2" thumbnail shrinking dies and 3/4" collet adapters
- ◆ Fully assembled



Power Hammer – PH-28A



| SPECIFICATIONS – PH-28A | | |
|---------------------------------|---|----------------------|
| Capacity | | |
| Mild Steel | 16 ga. | |
| Aluminum | 14 ga. | |
| Throat Depth | 28" | 712 mm |
| Speed (variable) | 900 beats / minute | |
| Included Tooling | 2" Thumbnail Shrinking Dies, 2.5" Master Flat Top Die, 1" Linear Stretch Die, 36", 24", 12", & 3" Radius Dies | |
| Power | 80–120 psi | |
| CFM | 7.1 @ 90 psi | |
| Shipping Dimensions (L x W x H) | 36" x 48" x 70" | 915 x 1220 x 1780 mm |
| Shipping Weight | 900 lbs. | 410 kgs. |

Specifications subject to change without notice.

- ◆ 16-gauge mild steel capacity
- ◆ Air Operation
- ◆ Can shrink and stretch
- ◆ Includes filter, oiler, regulator, and foot pedal
- ◆ 28" throat depth
- ◆ Quick release tooling
- ◆ Includes 2" thumbnail shrinking dies, 2.5" master flat top die, 1" linear stretch die, 36", 24", 12", & 3" radius dies
- ◆ Fully assembled

Power Hammer – PH-28HD

| SPECIFICATIONS – PH-28HD | | |
|---------------------------------|-----------------------------------|-----------------------|
| Capacity | | |
| Mild Steel | 14 ga. | |
| Aluminum | 10 ga. | |
| Throat Depth | 28" | 712 mm |
| Length of Stroke | 3 Fixed Lengths: 1/4", 1/2", 3/4" | |
| Tooling Height Adjustment | 2" | 50 mm |
| Speed (variable) | 0 – 1000 beats / minute | |
| Motor | 3 hp | |
| Power | 220V / 1-phase | |
| Shipping Dimensions (L x W x H) | 48" x 48" x 96" | 1220 x 1220 x 2440 mm |
| Shipping Weight | 2,000 lbs. | 910 kgs. |

Specifications subject to change without notice.

- ◆ 28" throat depth
- ◆ Economical
- ◆ Operates as a Yoder style hammer
- ◆ Quick change tooling
- ◆ Variable speed
- ◆ Adjustable stroke and clearance
- ◆ Foot pedal control
- ◆ 220V 1-phase



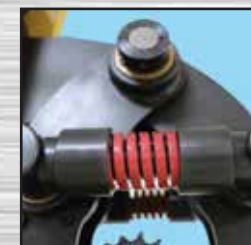
| OPTIONAL TOOLING | |
|------------------|--|
| SKU | Description |
| 1005970 | 2" Diameter Blank Die, 1" Thick |
| 1005971 | 3" Diameter Blank Die, 1" Thick |
| 1005974 | 2.5" Dia. Medium Thumbnail Shrink Dies, Set of Two |
| 1005975 | 2" Dia. Mini Thumbnail Shrink Dies, Set of Two |
| 1005978 | Master Flat Top Die 2.0" Dia. |
| 1005979 | Master Flat Top Die 3.0" Dia. |
| 1005980 | 1.5" Radius Lower Die 2.0" Dia. |
| 1005981 | 2.0" Radius Lower Die 2.0" Dia. |
| 1005982 | 3.0" Radius Lower Die 2.0" Dia. |
| 1009289 | 6.0" Radius Lower Die 2.5" Dia. |
| 1005983 | 6.0" radius lower die 3.0 Dia. |
| 1009288 | 8.0" radius lower die 2.5" Dia. |
| 1005984 | 8.0" Radius Lower Die 3.0" Dia. |
| 1012452 | 12.0" Radius Lower Die 2.5" Dia. |
| 1005985 | 12.0" Radius Lower Die 3.0" Dia. |
| 1012453 | 24.0" Radius Lower Die 2.5" Dia. |
| 1005986 | 24.0" Radius Lower Die 3.0" Dia. |
| 1012454 | 36.0" Radius Lower Die 2.5" Dia. |
| 1005987 | 36.0" Radius Lower Die 3.0" Dia. |
| 1005988 | 1.0" Flat X 6.0R Lower Planish Die 3.0 Dia. |
| 1005992 | 1" Radius Linear Stretch |
| 1005994 | Rubber Top Die 80 Durometer 3.0 Dia. |
| 1005995 | 3" Dia. Large Thumbnail Shrink Dies, Set Of Two |
| 1005996 | Universal Tool Holder, 1/2" Square Opening, Set Of Two |
| 1005997 | Universal Tool Holder, 3/4" Square Opening, Set of Two |
| 1005998 | Universal Tool Holder, 7/8" Square Opening, Set of Two |
| 1005996 | Complete Air Hammer Option for MH-19, 36" Throat depth |



Quick Release Up



Quick Release Down



Spring

Power Hammer – MH-19

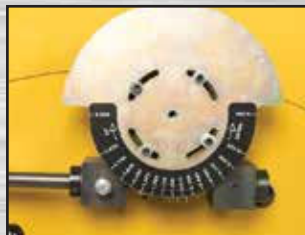
| OPTIONAL TOOLING | |
|------------------|---|
| SKU | Description |
| 1005966 | 3/8" Louver tool for Power Hammer |
| 1005967 | 1/4" Beading Dies Set of Two 2.0" Dia. |
| 1005968 | 3/8" Beading Dies Set of Two 2.0" Dia. |
| 1005969 | 1/2" Beading Dies Set of Two 2.0" Dia. |
| 1005970 | 2" Diameter Blank Die, 1" Thick |
| 1005971 | 3" Diameter Blank Die, 1" Thick |
| 1005974 | 2.5" Dia. Medium Thumbnail Shrink Dies, Set of Two |
| 1005975 | 2" Dia. Mini Thumbnail Shrink Dies, Set of Two |
| 1005976 | Mechanical Shrink Dies, Set of Two 1 X 2 |
| 1005978 | Master Flat Top Die 2.0" Dia. |
| 1005979 | Master Flat Top Die 3.0" Dia. |
| 1005980 | 1.5" Radius Lower Die 2.0" Dia. |
| 1005981 | 2.0" Radius Lower Die 2.0" Dia. |
| 1005982 | 3.0" Radius Lower Die 2.0" Dia. |
| 1009289 | 6.0" Radius Lower Die 2.5" Dia. |
| 1005983 | 6.0" radius lower die 3.0 Dia. |
| 1009288 | 8.0" radius lower die 2.5" Dia. |
| 1005984 | 8.0" Radius Lower Die 3.0" Dia. |
| 1012452 | 12.0" Radius Lower Die 2.5" Dia. |
| 1005985 | 12.0" Radius Lower Die 3.0" Dia. |
| 1012453 | 24.0" Radius Lower Die 2.5" Dia. |
| 1005986 | 24.0" Radius Lower Die 3.0" Dia. |
| 1012454 | 36.0" Radius Lower Die 2.5" Dia. |
| 1005987 | 36.0" Radius Lower Die 3.0" Dia. |
| 1005988 | 1.0" Flat X 6.0R Lower Planish Die 3.0 Dia. |
| 1005992 | 1" Radius Linear Stretch |
| 1005993 | Mechanical Stretch Dies, Set Of Two |
| 1005994 | Rubber Top Die 80 Durometer 3.0 Dia. |
| 1005995 | 3" Dia. Large Thumbnail Shrink Dies, Set Of Two |
| 1005996 | Universal Tool Holder, 1/2" Square Opening, Set Of Two |
| 1005997 | Universal Tool Holder, 3/4" Square Opening, Set of Two |
| 1005998 | Universal Tool Holder, 7/8" Square Opening, Set of Two |
| 1005596 | Complete Air Hammer Option for MH-19, 36" Throat depth |
| 1005599 | Complete English Wheel Option for MH-19 |
| 1005600 | Complete English Wheel Option for MH-19 with Rubber Top Wheel |



| SPECIFICATIONS – MH-19 | | |
|---------------------------------|-------------------------|-----------------------|
| Capacity | | |
| Mild Steel | 16 ga. | |
| Aluminum | 12 ga. | |
| Throat Depth | 19" | 483 mm |
| Length of Stroke (adj.) | .177" – .550" | 4.5 mm – 14 mm |
| Tooling Height Adjustment | 2" | 50 mm |
| Speed (variable) | 0 – 1500 beats / minute | |
| Power | 220V / 1-phase | |
| Shipping Dimensions (L x W x H) | 60" x 60" x 84" | 1524 x 1524 x 2134 mm |
| Shipping Weight | 1,600 lbs. | 728 kgs. |

Specifications subject to change without notice.

- ◆ Operates as a reciprocating machine, English Wheel, and Yoder style hammer
- ◆ Variable speed
- ◆ Adjustable stroke and clearance
- ◆ Foot pedal control
- ◆ Includes thumbnail shrink dies
- ◆ 220V 1-phase
- ◆ US patent no. 7,810,368



Tool Gap Adjustment



Variable Speed Control



Adjustable Stroke

Power Hammer – MH-19 Tooling

The tooling for the MH-19 is as unique as the machines themselves. With endless possibilities, tooling can be made to your specifications, or you can pick from our vast selection of existing dies. Below is just a sample of the available dies. Call your Baileigh sales representative at 920-482-3230 for more information

**Universal
Tool Holders**
SKU 1005996



Beading Dies SKU 1005967



**Thumbnail
Shrink Dies**
SKU 1005995

**English Wheel Assembly
(MH-19 only)**
SKU 1005599



**Optional
Air Hammer
Attachment**
SKU 1005596



Quick change tooling system is standard on every machine



Power Hammer – Tooling



Power Hammer – MH-37HD

SPECIFICATIONS – MH-37HD

| | | |
|---------------------------------|-------------------------|-----------------------|
| Capacity | | |
| Mild Steel | 1/8" | 3.175 mm |
| Soft Aluminum | 1/4" | 6.35 mm |
| Throat Depth | 37" | 940 mm |
| Length of Stroke | .1" to .75" | 2.54 mm to 19.05 mm |
| Tooling Height Adjustment | 2" | 50 mm |
| Speed | 0 – 1500 beats / minute | |
| Power | 220V 3-phase | |
| Shipping Dimensions (L x W x H) | 72" x 60" x 90" | 1830 x 1530 x 2290 mm |
| Shipping Weight | 6,000 lbs. | 13200 kgs. |

Specifications subject to change without notice.

Included Tooling

- Large shrink die set flat top master die
- 1.0 x 6.0 plannish die
- 36.0R die
- 24.0R die
- 12.0R die
- Linear stretch die

- ◆ Variable foot speed control with adjustable limit
- ◆ Capacity (rated by shrinking ability) 1/8" steel / 1/4" alum.
- ◆ Replaceable main hammering springs
- ◆ Power hammer mode and rigid mode via shear pin
- ◆ Quick release die changes
- ◆ Quick release lower die anvil
- ◆ Work light
- ◆ Optional tooling available



Quick Change Tooling



Controller



Stroke Indicator



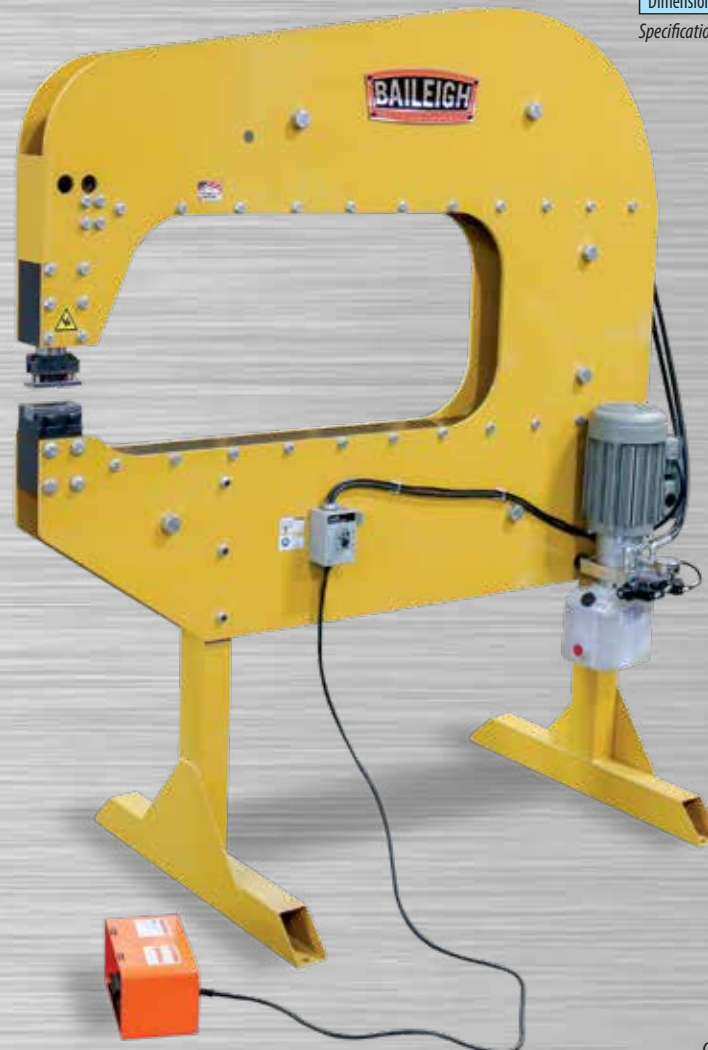
Louver Press – LP-48

| TOOLING | |
|---------|------------------------------------|
| SKU | Description |
| 1023013 | 1" Louver Press Tool Set for LB-48 |
| 1023014 | 2" Louver Press Tool Set for LB-48 |
| 1023015 | 3" Louver Press Tool Set for LB-48 |
| 1023016 | 4" Louver Press Tool Set for LB-48 |
| 1023017 | 5" Louver Press Tool Set for LB-48 |

- ◆ Dedicated louver press
- ◆ 48" throat depth
- ◆ Steel plate design for strength
- ◆ 3" louver comes standard
- ◆ 1", 2", 4", and 5" louvers available
- ◆ 110V

| SPECIFICATIONS – LP-48 | | |
|---------------------------------|-----------------|-----------------------|
| Maximum Capacity | | |
| Mild Steel | | 16 ga. |
| Aluminum | | 14 ga. |
| Tons | | 7 |
| Horsepower | | 2 |
| Power | | 110V |
| Shipping Dimensions (L x W x H) | 60" x 44" x 60" | 1525 x 1118 x 1525 mm |

Specifications subject to change without notice.



Metal Shaping Shot Bags

Baileigh Industrial's metal shaping line just got better! One thing that all metal shapers need is a leather shot bag or panel bag. The Baileigh line of bags are hand made in the USA from genuine cow hide with suede finish. Only 4-5 oz leather is used and all bags are glued and stitched with a heavy thread around the perimeter. The metal shaping shot bags are intended to be filled with sand or lead shot. The fill material is poured into the bag via a funnel and then fastened closed again. No hook and loop or stitching required. Do not over fill. There must be room for the fill material to move/shift from mallet blows.

For more information about our metal forming shot bag, contact one of our metal shaping experts at 920-482-3230



RSB-16-D

- Premium leather shot bag
- 16" round
- 3" stitched cavity for faster shaping
- Stitched and glued for durability
- With screw fastener



RSB-16

- Premium leather shot bag
- 16" round
- Stitched and glued for durability
- With screw fastener



RSB-12

- Premium leather shot bag
- 12" round
- Stitched and glued for durability
- With screw fastener



RSB-12-D

- Premium leather shot bag
- 12" round
- 2" stitched cavity for faster shaping
- Stitched and glued for durability
- With screw fastener



BUILT TO LAST—Trusty Baileigh hammers deliver long-lasting performance in a wide range of uses. If you need a hammer for anything other than driving a nail, Baileigh has the tool you need.



| Dead Blow Bossing Mallets | | |
|---------------------------|-------------|--------|
| BH-63-BM1 | SKU 1018020 | 24 oz. |
| BH-63-BM2 | SKU 1018021 | 36 oz. |
| BH-63-BM3 | SKU 1018022 | 48 oz. |



| Slim Softface | | |
|---------------|-------------|--------|
| BH-62-540 | SKU 1017996 | 8 oz. |
| BH-62-541 | SKU 1017997 | 18 oz. |
| BH-62-542 | SKU 1017998 | 22 oz. |
| BH-62-543 | SKU 1017999 | 26 oz. |
| BH-62-547 | SKU 1018000 | 32 oz. |



| Standard Softface | | |
|-------------------|-------------|--------|
| BH-62-530 | SKU 1018001 | 13 oz. |
| BH-62-531 | SKU 1018002 | 21 oz. |
| BH-62-532 | SKU 1018003 | 26 oz. |
| BH-62-533 | SKU 1018004 | 45 oz. |
| BH-62-534 | SKU 1018005 | 53 oz. |



| Softface Sledgehammer | | |
|-----------------------|-------------|----------------------|
| BH-62-550 | SKU 1018006 | 5.5 lbs. 20" Handle |
| BH-62-551 | SKU 1018007 | 9 lbs. 30" Handle |
| BH-62-552 | SKU 1018008 | 9.5 lbs. 20" Handle |
| BH-62-553 | SKU 1018009 | 10.5 lbs. 30" Handle |
| BH-62-554 | SKU 1018010 | 12 lbs. 36" Handle |



| Ball Peen | | |
|-----------|-------------|--------|
| BH-61-526 | SKU 1018014 | 26 oz. |
| BH-61-536 | SKU 1018015 | 36 oz. |
| BH-61-543 | SKU 1018016 | 43 oz. |
| BH-61-547 | SKU 1018017 | 47 oz. |
| BH-61-550 | SKU 1018019 | 50 oz. |



| Flat-Flat Hardface | | |
|--------------------|-------------|--------|
| BH-61-526F | SKU 1018020 | 26 oz. |
| BH-61-536F | SKU 1018021 | 36 oz. |
| BH-61-543F | SKU 1018022 | 43 oz. |
| BH-61-547F | SKU 1018023 | 47 oz. |
| BH-61-550F | SKU 1018024 | 50 oz. |

Manual Band Saws – BS-127P / BS-128M

SPECIFICATIONS – BS-127P

| Capacity (90°/45°) | | |
|---------------------------------|--|-----------------------------------|
| Round | 5" / 3" / 1.65" | 127 mm / 78 mm / 42 mm |
| Square | 5" / 3" / 1.65" | 127 mm / 78 mm / 42 mm |
| Rectangular | 5.31" x 5" / 3" x 6.75" / 1.65" x 2.9" | 135 x 127 / 78 x 172 / 42 x 75 mm |
| Blade Size (H x W x L) | .5" / .025" / 56.69" | 13 mm / .65 mm / 1440 mm |
| Blade Speed (fpm) | 75–246 Variable | |
| Miter Angle | 0 – 60° | |
| Miter Adjustment | Swivel Head | |
| Descent Control | n/a | |
| Return | Manual | |
| Drive | Gear | |
| Motor | .5 hp | |
| Power | 110V | |
| Shipping Dimensions (L x W x H) | 28" x 15" x 18" | 711 x 381 x 457 mm |
| Shipping Weight | 56 lbs. | 26 kgs. |

Specifications subject to change without notice.

- ◆ Portable
- ◆ Variable speed
- ◆ Head miterers up to 60°
- ◆ 5" round capacity
- ◆ 110V



BS-127P

- ◆ Horizontal or vertical operation
- ◆ 1/2" blade
- ◆ Swivel head, single miter
- ◆ Hydraulic and manual descent
- ◆ Wheeled stand and lift bar for easy mobility
- ◆ 110V



BS-128M

SPECIFICATIONS – BS-128M

| Capacity (90°/60°/45°) | | |
|---------------------------------|-------------------------------------|--|
| Round | 5" / 1.75" / 3.75" | 127 mm / 44 mm / 95 mm |
| Rectangular | 5" x 6" / 1.75" x 2.19" / 3" x 3.7" | 127 x 152 mm / 44 x 55 mm / 76 x 93 mm |
| Blade Size (H x W x L) | .50" / .023" / 64.48" | 12.7 mm / .584 mm / 1637 mm |
| Blade Speed (fpm) | 78 / 154 / 200 | |
| Miter Angle | 0 – 60° | |
| Miter Adjustment | Swivel Head | |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Belt | |
| Motor | .75 hp | |
| Power | 110V | |
| Shipping Dimensions (L x W x H) | 38" x 22" x 25" | 965 x 559 x 635 mm |
| Shipping Weight | 319 lbs. | 145 kgs. |

Specifications subject to change without notice.

Manual Band Saws – BS-712M / BS-712MS



BS-712M

- ◆ 110V
- ◆ Cuts metal and more
- ◆ 3/4" blade standard
- ◆ Hydraulic descent
- ◆ 3-speeds
- ◆ Direct drive
- ◆ Horizontal and vertical cutting capabilities
- ◆ 220V optional

SPECIFICATIONS – BS-712M

| | | |
|---------------------------------|-----------------------------|-----------------------------|
| Capacity (90°/45°) | | |
| Round | 7" / 4.33" | 177 mm / 110 mm |
| Rectangular | 7" x 10.23" / 4.72" x 4.13" | 177 x 259 mm / 119 x 104 mm |
| Blade Size (H x W x L) | .75" / .035" / 92.91" | 19 mm / .9 mm / 2360 mm |
| Blade Speed (fpm) | 125 / 215 / 270 | |
| Blade Guide | Roller | |
| Miter Angle | 0 – 45° | |
| Miter Adjustment | Vise | |
| Table Height | 22" | 558 mm |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Gear | |
| Motor | 1 hp | |
| Power | 110V / 220V, 1-Phase | |
| Shipping Dimensions (L x W x H) | 51" x 18" x 42" | 1295 x 457 x 1067 mm |
| Shipping Weight | 300 lbs. | 136 kgs. |

Specifications subject to change without notice.

| | | |
|----------------------------------|-----------------------------|-----------------------------|
| SPECIFICATIONS – BS-712MS | | |
| Capacity (90°/45°) | | |
| Round | 7" / 4.33" | 177 mm / 110 mm |
| Rectangular | 7" x 10.23" / 4.72" x 4.13" | 177 x 259 mm / 119 x 104 mm |
| Blade Size (H x W x L) | .75" / .035" / 92.91" | 19 mm / .9 mm / 2360 mm |
| Blade Speed (fpm) | 125 / 215 / 270 | |
| Blade Guide | Roller | |
| Miter Angle | 0 – 45° | |
| Miter Adjustment | Swivel Head | |
| Table Height | 23" | 584 mm |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Gear | |
| Motor | 1 hp | |
| Power | 110V / 220V, 1-Phase | |
| Shipping Dimensions (L x W x H) | 51" x 23" x 43" | 1295 x 584 x 1092 mm |
| Shipping Weight | 397 lbs. | 181 kgs. |

Specifications subject to change without notice.



BS-712MS

- ◆ 110V
- ◆ Cuts metal and more
- ◆ 3/4" blade standard
- ◆ Hydraulic descent
- ◆ 3-speeds
- ◆ Direct drive
- ◆ Horizontal and vertical cutting capabilities
- ◆ Single mitering (swivel)
- ◆ 220V optional

Manual Band Saws – BS-210M / BS-250M

SPECIFICATIONS – BS-210M

| Capacity | | |
|---------------------------------|--------------------|---------------------------|
| Round (90°/45°/60°) | 7" / 4.72" / 2.75" | 177 mm / 120 mm / 69 mm |
| Square (90°/45°/60°) | 7" / 4.33" / 2.36" | 177 mm / 110 mm / 60 mm |
| Rectangular (90°) | 8.26" x 6.69" | 210 mm / 170 mm |
| Blade Size (H x W x L) | .75" / .035" / 83" | 19 mm / .889 mm / 2108 mm |
| Blade Speed (fpm) | 66–280 Variable | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 60° | |
| Miter Adjustment | Swivel Head | |
| Table Height | 35" | 889 mm |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Gear | |
| Motor | 1.5 hp | |
| Power | 110V | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" | 1524 x 1118 x 1219 mm |
| Shipping Weight | 444 lbs. | 202 kgs. |

Specifications subject to change without notice.

- ◆ Hydraulic and manual descent
- ◆ Single mitering (swivel)
- ◆ Variable-speed
- ◆ Head miters up to 60°
- ◆ 6-3/4" round capacity
- ◆ 3/4" blade standard
- ◆ 110V



BS-210M

SPECIFICATIONS – BS-250M

| Capacity | | |
|---------------------------------|----------------------|---------------------------|
| Round (90°/45°/60°) | 8.93" / 5.9" / 3.54" | 227 mm / 150 mm / 90 mm |
| Square (90°/45°/60°) | 8.66" / 5.7" / 3.34" | 220 mm / 144 mm / 84 mm |
| Rectangular (90°) | 10.23" x 4.33" | 259 mm / 110 mm |
| Blade Size (H x W x L) | 1" / .035" / 96.85" | 25 mm / .889 mm / 2460 mm |
| Blade Speed (fpm) | 66–280 Variable | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 60° | |
| Miter Adjustment | Swivel Head | |
| Table Height | 35" | 889 mm |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Gear | |
| Motor | 2 hp | |
| Power | 110V | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" | 1524 x 1118 x 1219 mm |
| Shipping Weight | 475 lbs. | 216 kgs. |

Specifications subject to change without notice.

- ◆ 110V
- ◆ Cuts metal and more
- ◆ 1" blade standard
- ◆ Hydraulic and manual descent
- ◆ Variable-speed
- ◆ Single mitering (swivel)
- ◆ Quick vise feature
- ◆ Direct drive



BS-250M

Manual Band Saws – BS-260M / BS-350M



BS-260M

- ◆ Hydraulic and manual descent
- ◆ Inverter driven variable-speed
- ◆ Direct drive
- ◆ Dual miter head up to 60°
- ◆ 9" round capacity
- ◆ 1" blade standard
- ◆ 220V 1-phase

| SPECIFICATIONS – BS-260M | | |
|---------------------------------|---|--------------------------------------|
| Capacity | | |
| Round (90°/45°/60°/45°L) | 8.91" / 5.9" / 3.54" / 4.33" | 227 mm / 150 mm / 90 mm / 110 mm |
| Square (90°/45°/60°/45°L) | 8.66" / 5.7" / 3.34" / 4.33" | 220 mm / 144 mm / 84 mm / 110 mm |
| Rectangular (90°/45°/45°L) | 10.59" x 4.33" / 7.87" x 4.92" / 6.3" x 4.33" | 269 x 110 / 200 x 125 / 160 x 110 mm |
| Blade Size (H x W x L) | 1" / .035" / 96.85" | 25 mm / .889 mm / 2460 mm |
| Blade Speed (fpm) | 66–280 Variable | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 60°, 45°L | |
| Miter Adjustment | Dual Swivel Head | |
| Table Height | 35" | 889 mm |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Gear | |
| Motor | 1.5 hp | |
| Power | 220V / 1-Phase | |
| Shipping Dimensions (L x W x H) | 69" x 44" x 48" | 1524 x 1118 x 1219 mm |
| Shipping Weight | 760 lbs. | 345 kgs. |

Specifications subject to change without notice.



BS-350M

- ◆ Hydraulic and manual descent
- ◆ Variable-speed
- ◆ Direct drive
- ◆ Dual miter head up to 60°
- ◆ 10-1/2" round capacity
- ◆ 1" blade standard
- ◆ 220V 1-phase

| SPECIFICATIONS – BS-350M | | |
|---------------------------------|--|--------------------------------------|
| Capacity | | |
| Round (90°/45°/60°/45°L) | 10.63" / 9.45" / 6.3" / 8.28" | 270 mm / 240 mm / 160 mm / 210 mm |
| Square (90°/45°/60°/45°L) | 10.24" / 8.66" / 5.9" / 7.09" | 260 mm / 220 mm / 150 mm / 180 mm |
| Rectangular (90°/45°/45°L) | 13.77" x 8.66" / 9.45" x 6.3" / 7.3" x 4.33" | 350 x 220 / 240 x 160 / 185 x 110 mm |
| Blade Size (H x W x L) | 1" / .035" / 124.5" | 25 mm / .889 mm / 3162.3 mm |
| Blade Speed (fpm) | 66–280 Variable | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 60°, 45°L | |
| Miter Adjustment | Dual Swivel Head | |
| Table Height | 35" | 889 mm |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Gear | |
| Motor | 2 hp | |
| Power | 220V / 1-Phase | |
| Shipping Dimensions (L x W x H) | 69" x 30" x 48" | 1753 x 762 x 1219 mm |
| Shipping Weight | 948 lbs. | 431 kgs. |

Specifications subject to change without notice.

Manual Band Saws – BS-916M / BS-300M

SPECIFICATIONS – BS-916M

| | | |
|---------------------------------|------------------------------|---------------------------|
| Capacity | | |
| Round (90°/45°) | 8.85" / 6.5" | 225 mm / 165 mm |
| Square (90°/45°) | 8.85" / 6.5" | 225 mm / 165 mm |
| Rectangular (90°/45°) | 8.85" x 13.5" / 8.85" x 6.5" | 225 x 343 / 225 x 165 mm |
| Blade Size (H x W x L) | 1" / .035" / 119.48" | 25 mm / .889 mm / 3035 mm |
| Blade Speed (fpm) | 82 / 132 / 170 / 235 | |
| Blade Guide | Roller | |
| Miter Angle | 0 – 45° | |
| Miter Adjustment | Vise | |
| Table Height | 24" | 610 mm |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Belt / Pulley | |
| Motor | 1.5 hp | |
| Power | 220V / 1-Phase | |
| Shipping Dimensions (L x W x H) | 68" x 30" x 43" | 1727 x 762 x 1092 mm |
| Shipping Weight | 700 lbs. | 319 kgs. |

Specifications subject to change without notice.

- ◆ Cuts metal and more
- ◆ 1" blade standard
- ◆ Hydraulic descent
- ◆ Automatic shut-off
- ◆ 4 blade speeds
- ◆ 220V 1-phase



BS-300M

- ◆ Cuts metal and more
- ◆ 1" blade standard
- ◆ Hydraulic descent
- ◆ Automatic shut-off
- ◆ 4 blade speeds
- ◆ 220V 1-phase



BS-916M

SPECIFICATIONS – BS-300M

| | | |
|---------------------------------|--------------------------------|---------------------------|
| Capacity | | |
| Round (90°/45°) | 9.84" / 7.5" | 250 mm / 190 mm |
| Square (90°/45°) | 9.84" / 7.5" | 250 mm / 190 mm |
| Rectangular (90°/45°) | 9.84" x 16.33" / 9.84" x 7.50" | 250 x 414 / 250 x 190 mm |
| Blade Size (H x W x L) | 1" / .035" / 129.92" | 25 mm / .889 mm / 3300 mm |
| Blade Speed (fpm) | 66 / 131 / 167 / 233 | |
| Blade Guide | Roller | |
| Miter Angle | 0 – 45° | |
| Miter Adjustment | Vise | |
| Table Height | 30.7" | 780 mm |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Belt / Pulley | |
| Motor | 2 hp | |
| Power | 220V / 1-Phase | |
| Shipping Dimensions (L x W x H) | 70" x 23" x 49" | 1778 x 584 x 1245 mm |
| Shipping Weight | 800 lbs. | 364 kgs. |

Specifications subject to change without notice.

Manual Band Saws – BS-330M



SPECIFICATIONS – BS-330M

| | | |
|---------------------------------|----------------------------|--------------------------|
| Capacity | | |
| Round (90°/45°) | 13" / 8.86" | 330 mm / 225 mm |
| Square (90°/45°) | 13" / 8.86" | 330 mm / 225 mm |
| Rectangular (90°/45°) | 13" x 18.9" / 11" x 10.04" | 330 x 480 / 279 x 255 mm |
| Blade Size (H x W x L) | 1.3" / .043" / 161.4" | 34 mm / 1 mm / 4099.5 mm |
| Blade Speed (fpm) | 82–270 | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 45° | |
| Miter Adjustment | Swivel Head and Vise | |
| Table Height | 30.5" | 775 mm |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Belt / Pulley | |
| Motor | 3 hp | |
| Power | 220V / 3-Phase | |
| Shipping Dimensions (L x W x H) | 90" x 37" x 61" | 2286 x 940 x 1549 mm |
| Shipping Weight | 1,826 lbs. | 830 kgs. |

Specifications subject to change without notice.

- ◆ Cuts metal and more
- ◆ 1-1/4" blade standard
- ◆ Hydraulic
- ◆ Variable-speed
- ◆ Automatic shut-off
- ◆ Mitering head and vise
- ◆ Quick vise feature
- ◆ 220V 3-phase

Manual Band Saws – BS-20M-DM

SPECIFICATIONS – BS-20M-DM

| | | |
|---------------------------------|--|--------------------------------------|
| Capacity | | |
| Round (90°/45°/60°) | 13" / 12" / 8.5" | 330 mm / 305 mm / 215 mm |
| Square (90°/45°/60°) | 13" / 12" / 8.5" | 330 mm / 305 mm / 215 mm |
| Rectangular (90°/45°/60°) | 13" x 18" / 13" x 10.6" / 12.4" x 7.7" | 330 x 460 / 330 x 270 / 315 x 195 mm |
| Blade Size (H x W x L) | 1.3" / .042" / 162.6" | 33 mm / 1.1 mm / 4130 mm |
| Blade Speed (fpm) | 60–306 | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 60° L, 45° R | |
| Miter Adjustment | Dual Miter Swivel Head | |
| Descent Control | Hydraulic | |
| Return | Manual | |
| Drive | Inverter Direct | |
| Motor | 3 hp | |
| Power | 220V / 3-Phase | |
| Shipping Dimensions (L x W x H) | 88.6" x 35.5" x 61.4" | 2250 x 902 x 1560 mm |
| Shipping Weight | 2,156 lbs. | 980 kgs. |

Specifications subject to change without notice.

- ◆ Cuts metal and more
- ◆ 1-1/4" blade standard
- ◆ Dual direction mitering vise
- ◆ Inverter driven variable speed
- ◆ Built in feed table
- ◆ Quick lock vise
- ◆ 220V 3-phase



Semi-Auto Band Saws – BS-260SA / BS-350SA



BS-260SA

- ◆ Cuts metal and more
- ◆ 1" blade standard
- ◆ Semi-automatic
- ◆ Hydraulic vise, feed, and return
- ◆ Inverter driven variable-speed
- ◆ Automatic shut-off / broken blade feature
- ◆ Dual mitering (swivel)
- ◆ Direct drive
- ◆ 220V 1-phase

| SPECIFICATIONS – BS-260SA | | |
|---------------------------------|---|--------------------------------------|
| Capacity | | |
| Round (90°/45°/60°/45°L) | 8.93" / 5.9" / 3.54" / 4.33" | 227 mm / 150 mm / 90 mm / 110 mm |
| Square (90°/45°/60°) | 8.66" / 5.7" / 3.34" / 4.33" | 220 mm / 144 mm / 84 mm / 110 mm |
| Rectangular (90°/45°/45°L) | 10.59" x 4.33" / 7.87" x 4.92" / 6.3" x 4.33" | 269 x 110 / 200 x 125 / 160 x 110 mm |
| Blade Size (H x W x L) | 1" / .035" / 96.85" | 25 mm / .889 mm / 2460 mm |
| Blade Speed (fpm) | 66–280 Variable | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 60°, 45°L | |
| Miter Adjustment | Dual Swivel Head | |
| Table Height | 35" | 889 mm |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Drive | Gear | |
| Motor | 1.5 hp | |
| Power | 220V / 1-Phase | |
| Shipping Dimensions (L x W x H) | 62" x 44" x 63" | 1575 x 1118 x 1600 mm |
| Shipping Weight | 890 lbs. | 405 kgs. |

Specifications subject to change without notice.



BS-350SA

- ◆ Foot pedal control standard
- ◆ Cuts metal and more
- ◆ 1" blade standard
- ◆ Semi-automatic
- ◆ Hydraulic vise, feed, and return
- ◆ Variable-speed
- ◆ Automatic shut-off / broken blade feature
- ◆ Dual mitering (swivel)
- ◆ Direct drive
- ◆ 220V 1-phase

| SPECIFICATIONS – BS-350SA | | |
|---------------------------------|--|--------------------------------------|
| Capacity | | |
| Round (90°/45°/60°/45°L) | 10.63" / 9.45" / 6.3" / 8.28" | 270 mm / 240 mm / 160 mm / 210 mm |
| Square (90°/45°/60°) | 10.24" / 8.66" / 5.9" / 7.09" | 260 mm / 220 mm / 150 mm / 180 mm |
| Rectangular (90°/45°/45°L) | 13.77" x 8.66" / 9.45" x 6.3" / 7.3" x 4.33" | 350 x 220 / 240 x 160 / 185 x 110 mm |
| Blade Size (H x W x L) | 1" / .035" / 124.5" | 25 mm / .889 mm / 3162.3 mm |
| Blade Speed (fpm) | 66–280 Variable | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 60°, 45°L | |
| Miter Adjustment | Dual Swivel Head | |
| Table Height | 35" | 889 mm |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Drive | Gear | |
| Motor | 2 hp | |
| Power | 220V / 1-Phase | |
| Shipping Dimensions (L x W x H) | 72" x 30" x 66" | 1829 x 762 x 1676 mm |
| Shipping Weight | 1,167 lbs. | 531 kgs. |

Specifications subject to change without notice.

Semi-Auto Band Saws – BS-330SA

SPECIFICATIONS – BS-330SA

| Capacity | | |
|---------------------------------|----------------------------|--------------------------|
| Round (90°/45°) | 13" / 8.86" | 330 mm / 225 mm |
| Square (90°/45°) | 13" / 8.86" | 330 mm / 225 mm |
| Rectangular (90°/45°) | 13" x 18.9" / 11" x 10.04" | 330 x 480 / 279 x 255 mm |
| Blade Size (H x W x L) | 1.3" / .043" / 161.4" | 34 mm / 1 mm / 4099.5 mm |
| Blade Speed (fpm) | 82 – 270 | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 45° | |
| Miter Adjustment | Swivel Head and Vise | |
| Table Height | 30.5" | 775 mm |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Drive | Belt / Pulley | |
| Motor | 3 hp | |
| Power | 220V / 3-Phase | |
| Shipping Dimensions (L x W x H) | 90" x 37" x 61" | 2286 x 940 x 1549 mm |
| Shipping Weight | 3,650 lbs. | 1660 kgs. |

Specifications subject to change without notice.

- ◆ Cuts metal and more
- ◆ 1-1/4" blade standard
- ◆ Semi-automatic
- ◆ Hydraulic vise, feed, and return
- ◆ Variable-speed
- ◆ Automatic shut-off
- ◆ Mitering head and vise
- ◆ 220V 3-phase



Semi-Auto Band Saws – BS-20SA-DM

- ◆ Dual mitering 45° L and 60° R
- ◆ Inverter driven
- ◆ 1-1/4" Blade
- ◆ Digital readout for blade speed
- ◆ Blade brush with chip collection drawer
- ◆ Quick lock vise
- ◆ Automatic descent and raise of the bow head
- ◆ 220V 3-phase



| SPECIFICATIONS – BS-20SA-DM | | |
|---------------------------------|--|--|
| Capacity | | |
| Round (90°/45°/60°) | 13" / 12" / 8.5" | 330 mm / 305 mm / 215 mm |
| Square (90°/45°/60°) | 13" / 12" / 8.5" | 330 mm / 305 mm / 215 mm |
| Rectangular (90°) | 13" x 18" / 13" x 10.6" / 12.4" x 7.7" | 330 x 460 mm / 330 x 270 mm / 315 x 195 mm |
| Blade Size (H x W x L) | 1.25" / .042" / 162.6" | 34 mm / 1.1 mm / 4130 mm |
| Blade Speed (fpm) | 60 – 306 Inverter Driven | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 60° | |
| Miter Adjustment | Dual Miter Swivel Head | |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Drive | Inverter Direct | |
| Motor | 3 hp | |
| Power | 220V / 3-Phase | |
| Shipping Dimensions (L x W x H) | 88.6" x 35.5" x 61.4" | 2250 x 902 x 1560 mm |
| Shipping Weight | 2,156 lbs. | 980 kgs. |

Specifications subject to change without notice.

Semi-Auto Band Saws – BS-24SA-DM

SPECIFICATIONS – BS-24SA-DM

| | | |
|---------------------------------|---------------------------|--------------------------|
| Capacity | | |
| Round (90°/45°/60°) | 18" / 15.7" / 11" | 475 mm / 398 mm / 279 mm |
| Square (90°/45°/60°) | 18" / 15.7" / 11" | 475 mm / 398 mm / 279 mm |
| Rectangular (90°) | 17" x 24" | 430 mm x 610 mm |
| Blade Size (H x W x L) | 1.5" x .051" x 209.84" | 38 mm x 1.3 mm x 5330 mm |
| Blade Speed (fpm) | 65 – 278 Carbide Roller | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 60° L & R | |
| Miter Adjustment | Dual Miter Swivel Head | |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Drive | Belt / Pulley | |
| Motor | 5 hp | |
| Power | 220V / 3-Phase | |
| Shipping Dimensions (L x W x H) | 112" x 45" x 74" | 2830 x 1140 x 1860 mm |
| Shipping Weight | 3,234 lbs. | 1470 kgs. |

Specifications subject to change without notice.

- ◆ 18" round capacity
- ◆ Semi-automatic operation
- ◆ Hydraulic vise and bow
- ◆ Dual mitering swivel head design
- ◆ Head miters up to 60°
- ◆ 1-1/2" blade standard
- ◆ 220V 3-phase



Semi-Auto Band Saws – BS-360SA



SPECIFICATIONS – BS-360SA

| | | |
|---------------------------------|---------------------------|--------------------------|
| Capacity | | |
| Round | 14.17" | 360 mm |
| Square | 14.17" | 360 mm |
| Rectangular | 14.17" x 22" | 360 x 560 mm |
| Blade Size (H x W x L) | 1.3" / .04" / 192.13" | 34 mm / 1.1 mm / 4880 mm |
| Blade Speed (fpm) | 66 – 279 (Variable Speed) | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | N/A | |
| Table Height | 29.21" | 742 mm |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Drive | Belt / Pulley | |
| Motor | 5 hp | |
| Power | 220V / 3-Phase | |
| Shipping Dimensions (L x W x H) | 110" x 45" x 78" | 2794 x 1143 x 1981 mm |
| Shipping Weight | 3,100 lbs. | 1410 kgs. |

Specifications subject to change without notice.

- ◆ 14" x 22" rectangle capacity
- ◆ Column type production saw
- ◆ Semi-automatic operation
- ◆ Hydraulic vise, feed, and return
- ◆ Hydraulic blade tension
- ◆ 1-1/4" blade
- ◆ 220V 3-phase

Semi-Auto Band Saws – BS-700SA

| SPECIFICATIONS – BS-700SA | | |
|---------------------------|---------------------------|--------------------------|
| Capacity | | |
| Round | 27.5" | 700 mm |
| Square | 27.5" | 700 mm |
| Rectangular | 29.75" x 27.5" | 760 x 700 mm |
| Blade Size (H x W x L) | 2.126" / .063" / 283.465" | 54 mm / 1.6 mm / 7200 mm |
| Blade Speed | 65.6 – 278.87 fpm | 20 – 87.7 mpm |
| Blade Guide | Hydraulic Carbide | |
| Table Height | 26.75" | 680 mm |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Drive | Inverter | |
| Motor | 10 hp | |
| Power | 220V / 3-Phase | |
| Shipping Weight | 9,000 lbs. | 4104 kgs. |

Specifications subject to change without notice.

- ◆ 29.75" x 27.5" rectangle capacity
- ◆ Variable-speed
- ◆ Twin column type production saw
- ◆ Semi-automatic operation
- ◆ Manual vise and return
- ◆ Hydraulic carbide blade guide
- ◆ Hydraulic blade tension
- ◆ Automatic chip conveyor
- ◆ Powered wire chip brush
- ◆ 220V 3-phase



Semi-Auto Band Saws – BS-800SA

- ◆ 31.5" x 31.5" square capacity
- ◆ Variable-speed
- ◆ 10 HP
- ◆ Twin column type production saw
- ◆ Semi-automatic operation
- ◆ Hydraulic vise, feed, and return
- ◆ Hydraulic carbide blade guide
- ◆ Hydraulic blade tension
- ◆ Automatic chip conveyor
- ◆ Powered wire chip brush
- ◆ 220V 3-phase

SPECIFICATIONS – BS-800SA

| | | |
|------------------------|---------------------------|--------------------------|
| Capacity | | |
| Round | 31.5" | 800 mm |
| Square | 31.5" | 800 mm |
| Blade Size (H x W x L) | 2.126" / .063" / 326.772" | 54 mm / 1.6 mm / 8300 mm |
| Blade Speed | 65.6 – 278.87 fpm | 20 – 87.7 mpm |
| Blade Guide | Hydraulic Carbide | |
| Table Height | 25.5" | 650 mm |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Drive | Inverter | |
| Motor | 10 hp | |
| Power | 220V / 3-Phase | |
| Shipping Weight | 9,500 lbs. | 4332 kgs. |

Specifications subject to change without notice.



Semi-Auto Band Saws – BS-1100SA

SPECIFICATIONS – BS-1100SA

| | | |
|------------------------|---------------------------|--------------------------|
| Capacity | | |
| Round | 43.3" | 1100 mm |
| Square | 43.3" | 1100 mm |
| Blade Size (H x W x L) | 2.638" / .063" / 385.827" | 67 mm / 1.6 mm / 9800 mm |
| Blade Speed | 65.6 – 278.87 fpm | 20 – 87.7 mpm |
| Blade Guide | Hydraulic Carbide | |
| Table Height | 26.772" | 680 mm |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Drive | Inverter | |
| Motor | 15 hp | |
| Power | 220V / 3-Phase | |
| Shipping Weight | 10,000 lbs. | 4560 kgs. |

Specifications subject to change without notice.

- ◆ 43.3" x 43.3" square capacity
- ◆ Inverter driven
- ◆ Variable-speed
- ◆ 15 HP
- ◆ Twin column type production saw
- ◆ Semi-automatic operation
- ◆ Hydraulic vise, feed, and return
- ◆ Hydraulic carbide blade guide
- ◆ Hydraulic blade tension
- ◆ Automatic chip conveyor
- ◆ Powered wire chip brush
- ◆ 220V 3-phase



Choosing the Correct Blade for Your Band Saw

| S | Outer Diameter of the Tube (inch) / Tooth pitch | | | | | | | | | | | | | | | | | |
|--------|---|----------|----------|----------|----------|----------|----------|----------|---------|---------|----------|----------|----------|----------|-------------|-------------|-------------|-------------|
| | 0.79 | 1.574 | 2.362 | 3.15 | 4 | 4.724 | 6 | 7.873 | 11.811 | 15.75 | 19.685 | 23.621 | 27.5 | 31.5 | 35.5 | 39.5 | 59 | |
| 0.079 | 14 | 14 | 14 | 14 | 14 | 14 | 10-14tpi | 10-14tpi | 8-12tpi | 8-12tpi | 6-10tpi | 6-10tpi | 5-8tpi | 5-8tpi | 5-8tpi | 5-8tpi | 5-8tpi | 5-8tpi |
| 0.118 | 14 | 14 | 10-14tpi | 10-14tpi | 10-14tpi | 10-14tpi | 8-12tpi | 8-12tpi | 6-10tpi | 6-10tpi | 5-8tpi | 5-8tpi | 5-8tpi | 4-6tpi | 4-6tpi | 4-6tpi | 4-6tpi | 4-6tpi |
| 0.157 | 14 | 14 | 10-14tpi | 10-14tpi | 8-12tpi | 8-12tpi | 8-12tpi | 8-12tpi | 5-8tpi | 5-8tpi | 4-6tpi | 4-6tpi | 4-6tpi | 4-6tpi | 4-6tpi | 4-6tpi | 4-6tpi | 4-6tpi |
| 0.197 | 14 | 10-14tpi | 10-14tpi | 10-14tpi | 8-12tpi | 8-12tpi | 8-12tpi | 6-10tpi | 5-8tpi | 5-8tpi | 4-6tpi | 4-6tpi | 4-6tpi | 4-6tpi | 4-6tpi | 3-4tpi | 3-4tpi | 3-4tpi |
| 0.236 | 14 | 10-14tpi | 10-14tpi | 8-12tpi | 8-12tpi | 8-12tpi | 8-12tpi | 5-8tpi | 5-8tpi | 4-6tpi | 4-6tpi | 4-6tpi | 4-6tpi | 3-4tpi | 3-4tpi | 3-4tpi | 3-4tpi | 3-4tpi |
| 0.315 | 14 | 10-14tpi | 8-12tpi | 8-12tpi | 8-12tpi | 6-10tpi | 6-10tpi | 5-8tpi | 4-6tpi | 4-6tpi | 4-6tpi | 3-4tpi | 3-4tpi | 3-4tpi | 3-4tpi | 3-4tpi | 2-3tpi | 2-3tpi |
| 0.394 | | 8-12tpi | 6-10tpi | 6-10tpi | 6-10tpi | 5-8tpi | 5-8tpi | 4-6tpi | 4-6tpi | 4-6tpi | 3-4tpi | 3-4tpi | 3-4tpi | 3-4tpi | 3-4tpi | 2-3tpi | 2-3tpi | 2-3tpi |
| 0.472 | | 8-12tpi | 6-10tpi | 6-10tpi | 5-8tpi | 5-8tpi | 4-6tpi | 4-6tpi | 4-6tpi | 3-4tpi | 3-4tpi | 3-4tpi | 3-4tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi |
| 0.591 | | 8-12tpi | 6-10tpi | 5-8tpi | 5-8tpi | 4-6tpi | 4-6tpi | 4-6tpi | 3-4tpi | 3-4tpi | 3-4tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi |
| 0.787 | | | 6-10tpi | 5-8tpi | 4-6tpi | 4-6tpi | 4-6tpi | 3-4tpi | 3-4tpi | 3-4tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi |
| 1.181 | | | | 4-6tpi | 4-6tpi | 4-6tpi | 3-4tpi | 3-4tpi | 3-4tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 1.4-2tpi |
| 2 | | | | | | 3-4tpi | 3-4tpi | 3-4tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi |
| 3 | | | | | | | | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi |
| 4 | | | | | | | | | 2-3tpi | 2-3tpi | 2-3tpi | 2-3tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi |
| 6 | | | | | | | | | | 2-3tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi | 1-1.4tpi | 1-1.4tpi | 1-1.4tpi | 1-1.4tpi |
| 7.873 | | | | | | | | | | | 1.4-2tpi | 1.4-2tpi | 1.4-2tpi | 1-1.4tpi | 1-1.4tpi | 1-1.4tpi | 1-1.4tpi | .75-1.25tpi |
| 9.842 | | | | | | | | | | | | 1.4-2tpi | 1-1.4tpi | 1-1.4tpi | 1-1.4tpi | 1-1.4tpi | .75-1.25tpi | .75-1.25tpi |
| 11.81 | | | | | | | | | | | | | 1-1.4tpi | 1-1.4tpi | .75-1.25tpi | .75-1.25tpi | .75-1.25tpi | .75-1.25tpi |
| 13.778 | | | | | | | | | | | | | | 1-1.4tpi | .75-1.25tpi | .75-1.25tpi | .75-1.25tpi | .7-1.0tpi |
| 15.747 | | | | | | | | | | | | | | | .75-1.25tpi | .75-1.25tpi | .75-1.25tpi | .7-1.0tpi |
| 17.716 | | | | | | | | | | | | | | | | .7-1.0tpi | .7-1.0tpi | .7-1.0tpi |
| 19.685 | | | | | | | | | | | | | | | | | | .7-1.0tpi |

S = Wall Thickness

If you have to cut two or more tubes lying side by side please use this table in consideration of the double wall thickness (s).

When you purchase your Baileigh Industrial Band Saw, there are a lot of things to consider. The most important element of a great cut is the blade. Baileigh Industrial has hundreds of blades in stock and ready to ship.

Above is a table to help you choose the correct blade for cutting mild steel tube and pipe.

Cutting mild steel or annealed material you would want no less than 3 teeth touching the material or no more than 24. The ideal amount of teeth touching the material at one time would be 6 – 12. When picking the correct tooth count you also want to consider the wall thickness, too aggressive of a tooth count will cause the teeth to get caught on the side walls, breaking the teeth. Too fine of a tooth count will cause problems when you are cutting through the top or bottom of your material. This can cause premature blade wear or motor failure.

Conditions that will influence pitch selection:

- Soft materials require less teeth and more gullet capacity.
- Hard materials require more teeth to share in the work and less gullet.
- Machine capabilities. Constant feed machines can use a coarser pitch. Gravity feed machines will require a finer pitch.

Please remember that there are Proper Techniques for all Types of Shapes (see diagram).

Please consult a Baileigh Technician for help in choosing the correct blades for your application.

Diagnosing Cutting Issues with Band Saw Blades

Premature and Excessive Tooth Wear

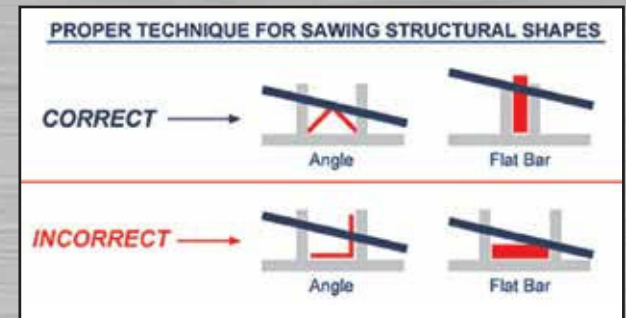
- Feed pressure too light, increase it
- Lower blade velocity
- Improper tooth selection, use a finer pitch
- Improper break-in with new blade. Velocity and feeding should be reduced the first few cuts
- Teeth are running the wrong direction. Be sure teeth are pointing in the proper direction
- Incorrect saw guide insert size for the blade, allowing them to strike teeth

Blade Stalls in Work

- Feed pressure too great – decrease feed
- Teeth too coarse, use finer tooth blade

Blade Making Belly-Shaped Cuts

- Increase tension
- Adjust guides closer to work piece
- Teeth too fine – use a coarse pitch
- Decrease feed force
- Teeth dull



Automatic Band Saws – BS-20A

SPECIFICATIONS – BS-20A

| | | |
|---------------------------------|---------------------------|---------------------------|
| Capacity | | |
| Round (90°/45°) | 13" / 11" | 330 mm / 279 mm |
| Square (90°/45°) | 13" / 11" | 330 mm / 279 mm |
| Rectangular (90°/45°) | 13" x 18" / 13" x 11" | 330 x 457 / 330 x 279 mm |
| Blade Size (H x W x L) | 1" / .035" / 162.59" | 25 mm / .889 mm / 4130 mm |
| Blade Speed (fpm) | 89 – 256 (Variable Speed) | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 45° | |
| Miter Adjustment | Swivel Head | |
| Table Height | 32.3" | 820 mm |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Chip Removal | Hydraulic Auger | |
| Material Feed | Hydraulic | |
| Material Clamping / Bundling | Hydraulic | |
| Motor | | |
| Blade | 5 hp | |
| Hydraulic | 1 hp | |
| Power | 220V / 3-Phase | |
| Shipping Dimensions (L x W x H) | 90" x 87" x 69" | 2286 x 2210 x 1752 mm |
| Shipping Weight | 3,500 lbs. | 1591 kgs. |

Specifications subject to change without notice.

- ◆ 13" x 18" rectangle capacity
- ◆ Fully automatic operation of feed and cutting functions
- ◆ Hydraulic feed with bundling standard
- ◆ Auger-type chip removal system
- ◆ Touch screen control
- ◆ Head mitters up to 45°
- ◆ 220V 3-phase



Automatic Band Saws – BS-24A



SPECIFICATIONS – BS-24A

| | | |
|---------------------------------|---------------------------|--------------------------|
| Capacity | | |
| Round (90°/45°) | 18" / 15" | 457 mm / 380 mm |
| Square (90°/45°) | 18" / 15" | 457 mm / 380 mm |
| Rectangular (90°) | 15" x 24" | 380 x 610 mm |
| Blade Size (H x W x L) | 1.5" / .051" / 209.85" | 38 mm / 1.3 mm / 5330 mm |
| Blade Speed (fpm) | 65 – 279 (Variable Speed) | |
| Blade Guide | Carbide / Roller | |
| Miter Angle | 0 – 45° | |
| Miter Adjustment | Swivel Head | |
| Table Height | 32.3" | 820 mm |
| Descent Control | Pressure Assist Hydraulic | |
| Return | Hydraulic | |
| Chip Removal | Hydraulic Auger | |
| Material Feed | Hydraulic | |
| Material Clamping / Bundling | Hydraulic | |
| Motor | | |
| Blade | 5 hp | |
| Hydraulic | 1 hp | |
| Power | 220V / 3-Phase | |
| Shipping Dimensions (L x W x H) | 109" x 90" x 77" | 2769 x 2286 x 1956 mm |
| Shipping Weight | 3,900 lbs. | 1770 kgs. |

Specifications subject to change without notice.

- ◆ 15" x 24" rectangle capacity
- ◆ Fully automatic operation of feed and cutting functions
- ◆ Hydraulic feed table with bundling
- ◆ Hydraulic auger-type chip removal system
- ◆ Touch screen control
- ◆ Head miters 45°
- ◆ Halogen work light
- ◆ 220V 3-phase

Automatic Band Saws – BSV-12VS

| SPECIFICATIONS – BSV-12VS | | |
|------------------------------------|---------------------|----------------------|
| Throat Depth | 12.2" | 310 mm |
| Maximum Thickness | 9" | 228 mm |
| Motor | 1/2 hp | |
| Blade Length | 99.25" | 2520 mm |
| Blade Width | 1/8" – 1/2" | 3.1 mm – 13 mm |
| Blade Thickness | .032" | .8 mm |
| Slant of Table | 10° F/Rear, 15° L/R | |
| Table Size | 19.68" x 15.75" | 500 mm x 400 mm |
| Variable Blade Speeds | 65 – 295 fpm | |
| Butt-Welder Capacity (Blade Width) | .51" | 13 mm |
| Service Requirements | 120V | |
| Shipping Dimensions (L x W x H) | 60" x 45" x 81" | 1525 x 1143 x 2050mm |
| Shipping Weight | 668 lbs. | 303 kgs. |

Specifications subject to change without notice.

- ◆ 12.2" throat depth
- ◆ 9" maximum thickness
- ◆ Utilizes 1/8" to 1/2" blades
- ◆ Table pivots left and right, forward and back for chamfer cuts
- ◆ Tungsten carbide blade guides
- ◆ Variable speed
- ◆ Full blade welding station
- ◆ 120V



Automatic Band Saws – BSV-14VS



| SPECIFICATIONS – BSV-14VS | | |
|------------------------------------|---------------------|----------------------|
| Throat Depth | 13.97" | 355 mm |
| Maximum Thickness | 9" | 228 mm |
| Motor | 1 hp | |
| Blade Length | 113" | 2870 mm |
| Blade Width | 1/8" – 5/8" | 3.12 mm – 16 mm |
| Blade Thickness | .032" | .8 mm |
| Slant of Table | 10° F/Rear, 15° L/R | |
| Table Size | 19.68" x 15.75" | 500 mm x 400 mm |
| Variable Blade Speeds | 65 - 295 fpm | |
| Butt-Welder Capacity (Blade Width) | .74" | 18.8 mm |
| Service Requirements | 120V | |
| Shipping Dimensions (L x W x H) | 60" x 45" x 81" | 1525 x 1143 x 2057mm |
| Shipping Weight | 799 lbs. | 363 kgs. |

Specifications subject to change without notice.



- ◆ 13.97" throat depth
- ◆ 9" maximum thickness
- ◆ Utilizes 1/8" – 5/8" blade
- ◆ Table pivots left and right, forward and back for chamfer cuts
- ◆ Tungsten carbide blade guides
- ◆ Variable speed
- ◆ Full blade welding station
- ◆ 120V

Automatic Band Saws – BSV-18VS

SPECIFICATIONS – BSV-18VS

| | | |
|------------------------------------|-----------------------|----------------------|
| Throat Depth | 17.875" | 454 mm |
| Maximum Thickness | 10" | 254 mm |
| Motor | 1 Hp | |
| Blade Length | 141.73" | 3600 mm |
| Blade Width | 1/8" – 5/8" | 3.12 mm – 15.875 mm |
| Blade Thickness | .032" | .8 mm |
| Slant of Table | 10° F/Rear, 15° L/R | |
| Table Size | 23.6" x 19.6" | 668 mm x 498 mm |
| Variable Blade Speeds | 85 – 375 fpm | |
| Butt-Welder Capacity (Blade Width) | .74" | 18.75 mm |
| Service Requirements | 120V or 220V, 1-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 45" x 93" | 1525 x 1143 x 2362mm |
| Shipping Weight | 886 lbs. | 402 kgs. |

Specifications subject to change without notice.

- ◆ 17.875" throat depth
- ◆ 10" maximum thickness
- ◆ Utilizes 1/8" – 5/8" blade
- ◆ Table pivots left and right, forward and back for chamfer cuts
- ◆ Tungsten carbide blade guides
- ◆ Variable speed
- ◆ Full blade welding station
- ◆ 120 or 220 V single phase



Automatic Band Saws – BSV-20VS



- ◆ Variable Speed
- ◆ 20-1/2" throat
- ◆ 12-3/8" maximum thickness
- ◆ Utilizes 1/8" – 3/4" blade
- ◆ Rip fence and miter protractor included
- ◆ Table pivots left and right for chamfer cuts
- ◆ Full blade welding station
- ◆ DRO for speed read out
- ◆ 220V 1-phase

| SPECIFICATIONS – BSV-20VS | | |
|------------------------------------|----------------------|-----------------------|
| Throat Depth | 20.50" | 520 mm |
| Maximum Thickness | 12.375" | 310 mm |
| Motor | 2 Hp | |
| Blade Length | 153" | 3880 mm |
| Blade Width | 1/8" – 3/4" | 3 mm – 16 mm |
| Blade Thickness | .032" | .8 mm |
| Slant of Table | 5° Left, 15° Right | |
| Table Size | 26" x 27.50" | 660 mm x 700 mm |
| Variable Blade Speeds | 65 – 1640 rpm | |
| Butt-Welder Capacity (Blade Width) | .813" | 0.020 mm |
| Service Requirements | 220V, 60 Hz, 1-Phase | |
| Shipping Dimensions (L x W x H) | 57" x 44" x 85" | 1450 x 1100 x 2140 mm |
| Shipping Weight | 1,100 lbs. | 499 kgs. |

Specifications subject to change without notice.



Band Saws – BSVT-18P

SPECIFICATIONS – BSVT-18P

| | |
|----------------------|--|
| Solid Round Capacity | 11-13/32" |
| Head Miter | 45° Left and Right |
| Coolant System | Yes |
| Coolant Capacity | 18.35 Gallons |
| Rectangle Capacity | 20" x 16-1/4" |
| Miter Angle | 45° - 0° - 45° |
| Motor 2 hp | |
| Maximum Thickness | 20" |
| Throat Depth | 16-1/4" |
| Working Height | 39.5" |
| Capacity Rectangle | 45° 13-57/64" x 16-1/4" - Right / 13-19/32" x 16-1/4" - Left |
| Blade Guide | Bearing and Carbide |
| Blade Length | 356" |
| Blade Speed | 84 - 312 fpm |
| Blade Thickness | .035" |
| Max. Vise Opening | 18" |
| Motor Coolant | 1/8 hp |
| Power | 220V 3-phase |
| Shipping Weight | 1,510 lbs |
| Shipping Dimensions | 82" X 38.2" X 87.7" |



Specifications subject to change without notice.

- ◆ Vertical tilt-frame
- ◆ Variable speed – 84 to 312 fpm
- ◆ 1-1/16" blade
- ◆ Miters 45 degrees left and right
- ◆ 18" maximum cutting thickness
- ◆ Halogen work light
- ◆ 2 hp
- ◆ 220V 3-phase

Band Saws – BSVT-18SA



SPECIFICATIONS – BS-18SA

| Capacity | | |
|---------------------------|---|--------------------------------------|
| Round (90°/45°/60°) | 18" / 15.75" / 10.75" | 330 mm / 279 mm |
| Rectangular (90°/45°/60°) | 23" x 18" / 15.75" x 18" / 10.75" x 18" | 584 x 457 / 400 x 457 / 273 x 457 mm |
| Blade Size (H x W x L) | 1-1/4" x 198" x .042" | 31.75 mm x 5030 mm x 1.07 mm |
| Blade Guide | Carbide and Bearing | |
| Tilt Angle | 0 – 60° Left and Right | |
| Tilt Adjustment | Hydraulic | |
| Blade Speed | 0–450 fpm (Variable) | |
| Blade Pressure | 0–425 lbs. (Variable) | 0–193 kgs. (Variable) |
| Coolant Capacity | 12 gal. | |
| Oil Capacity | 20 gal. | |
| Horse Power | 5 | |
| Power | 220V / 3-Phase | |
| Shipping Weight | 4,050 lbs. | 1840 kgs. |

Specifications subject to change without notice.

- ◆ Vertical tilt-frame
- ◆ Variable Speed
- ◆ 1-1/4" blade
- ◆ Tilts 60° left and right of center
- ◆ 7" hydraulic vise
- ◆ Unist MQL coolant system
- ◆ LED work lamp
- ◆ 5 hp
- ◆ 220V 3-phase

Cold Saws – CS-225M

| CS-225M | | |
|---------------------------------|--------------------------------------|-------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 2.5" (63 mm) | 2.125" (54 mm) |
| ● | 1.75" (44 mm) | 1.5" (38 mm) |
| □ | 2.25" x 2.25" (57 mm x 57 mm) | 2" x 2" (50 mm x 50 mm) |
| Specifications | | |
| Maximum Blade Diameter | 9" (225 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | 50 rpm | |
| Operation | Manual | |
| Head Style | Pivot | |
| Maximum Vise Opening | 2.75" | |
| Vise Style | Dual Action, Self Centering | |
| Head Miter | 45° | |
| Slotting Capable | No | |
| Coolant System | Yes | |
| Motor | 1 hp | |
| Electrical Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 25" x 15" x 28" (635 x 381 x 711 mm) | |
| Shipping Weight | 187 lbs. (85 kgs.) | |

- ◆ 9" blade
- ◆ Manual feed
- ◆ Integrated coolant system with electric pump
- ◆ Bench top model
- ◆ Miters up to 45° left
- ◆ 110V



Cold Saws – CS-250EU



- ◆ 10" blade
- ◆ Manual feed
- ◆ Miters up to 45° left and right
- ◆ 110V

| CS-250EU | | |
|---------------------------------|---|-----------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 3" (75 mm) | 3" (75 mm) |
| ● | 1.2" (30 mm) | 1.2" (30 mm) |
| □ | 2.5" x 2.5" (65 mm x 65 mm) | 2.2" x 2.2" (55 mm x 55 mm) |
| ▭ | 2.5" x 2" (65 mm x 50 mm) | 2.4" x 2" (60 mm x 50 mm) |
| Specifications | | |
| Maximum Blade Diameter | 10" (250 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | 54 rpm | |
| Operation | Manual | |
| Head Style | Pivot | |
| Maximum Vise Opening | 4" (100 mm) | |
| Vise Style | Single Action with Cam Lock | |
| Head Miter | 45° Left / 45° Right | |
| Slotting Capable | No | |
| Coolant System | Yes | |
| Motor | 1 hp | |
| Electrical Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" (1524 x 1118 x 1219 mm) | |
| Shipping Weight | 375 lbs. (170 kgs.) | |

Specifications subject to change without notice.



Cold Saws – CS-275EU

| CS-275EU | | |
|---------------------------------|---|-----------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 3.25" (85 mm) | 3.25" (85 mm) |
| ● | 3.25" (85mm) | 3.25" (85mm) |
| □ | 2.5" x 2.5" (63.5 mm x 63.5 mm) | 2.2" x 2.2" (55 mm x 55 mm) |
| ▤ | 2.5" x 2.5" (63.5 mm x 63.5 mm) | 2.2" x 2" (55.8mm x 50mm) |
| Specifications | | |
| Maximum Blade Diameter | 11" (275 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | 54 rpm | |
| Operation | Manual | |
| Head Style | Pivot | |
| Maximum Vise Opening | 4" (100 mm) | |
| Vise Style | Single Action with Cam Lock | |
| Head Miter | 45° Left / 45° Right | |
| Slotting Capable | No | |
| Coolant System | Yes | |
| Motor | 1.5 hp | |
| Electrical Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" (1524 x 1118 x 1219 mm) | |
| Shipping Weight | 425 lbs. (194 kgs.) | |

- ◆ 11" blade
- ◆ Manual feed
- ◆ Miters up to 45° left and right
- ◆ 110V



Cold Saws – CS-315EU



| CS-315EU | | |
|---------------------------------|---|-------------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 3.5" (88.9 mm) | 3.5" (88.9 mm) |
| ● | 2" (50 mm) | 2" (50 mm) |
| □ | 3.2" x 3.2" (82 mm x 82 mm) | 3.2" x 3.2" (82 mm x 82 mm) |
| ▭ | 4.25" x 2.75" (110 mm x 70 mm) | 3.25" x 2.75" (85 mm x 70 mm) |
| Specifications | | |
| Maximum Blade Diameter | 12.5" (317 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | 52 rpm | |
| Operation | Manual | |
| Head Style | Pivot | |
| Maximum Vise Opening | 4.72" (120 mm) | |
| Vise Style | Single Action with Cam Lock | |
| Head Miter | 45° Left / 45° Right | |
| Slotting Capable | No | |
| Coolant System | Yes | |
| Motor | 2.5 hp | |
| Electrical Requirements | 220V, 1-Phase | |
| Shipping Dimensions (L x W x H) | 40" x 40" x 72" (1016 x 1016 x 1829 mm) | |
| Shipping Weight | 500 lbs. (228 kgs.) | |

Specifications subject to change without notice.

- ◆ 12.5" blade
- ◆ Manual feed
- ◆ Miters up to 45° left and right
- ◆ 220V, 1-phase



Cold Saws – CS-350EU

| CS-350EU | | |
|---------------------------------|---|-----------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 4.7" (120 mm) | 4" (100 mm) |
| ● | 3.5" (90 mm) | 3" (75 mm) |
| □ | 4" x 4" (100 mm x 100 mm) | 3.5" x 3.5" (90 mm x 90 mm) |
| ▭ | 6.3" x 3.5" (160 mm x 90 mm) | 3.5" x 2.8" (90 mm x 70 mm) |
| Specifications | | |
| Maximum Blade Diameter | 14" (350 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | 24 – 120 rpm | |
| Operation | Manual | |
| Head Style | Pivot | |
| Maximum Vise Opening | 6.50" (165 mm) | |
| Vise Style | Single Action with Cam Lock | |
| Head Miter | 45° Left / 45° Right | |
| Slotting Capable | No | |
| Coolant System | Yes | |
| Motor | 3 hp | |
| Electrical Requirements | 220V, 1-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" (1524 x 1118 x 1219 mm) | |
| Shipping Weight | 550 lbs. (250 kgs.) | |

Specifications subject to change without notice.

- ◆ 14" blade
- ◆ Variable speed inverter driven
- ◆ Digital readout for rpm
- ◆ Miters 45° left and right
- ◆ 220V, 1-phase



Cold Saws – CS-275M / CS-275SA



CS-275M

- ◆ 11" blade
- ◆ Miters both ways
- ◆ Stop mechanism
- ◆ Cuts ferrous and non-ferrous metals
- ◆ 2-3/4" capacity
- ◆ Self centering vise
- ◆ 2 operating speeds
- ◆ 220V 3-phase



CS-275SA

- ◆ 11" blade
- ◆ Semi-automatic operation (manual feed also available)
- ◆ Miters up to 45° left and right
- ◆ Self centering vise
- ◆ 2 operating speeds
- ◆ 220V 3-phase

| CS-275M | | |
|---------------------------------|---|---------------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 2.75" (69 mm) | 2.25" (57 mm) |
| ● | 1.5" (38 mm) | 1.5" (38 mm) |
| □ | 2.75" x 2.75" (69 mm x 69 mm) | 2.165" x 2.165" (55 mm x 55 mm) |
| ▤ | 2.75" x 2.9" (69 mm x 73 mm) | 2.165" x 2.25" (55 mm x 57 mm) |
| Specifications | | |
| Maximum Blade Diameter | 11" (275 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | Two Speeds, 60 rpm / 120 rpm | |
| Operation | Manual | |
| Head Style | Pivot | |
| Maximum Vise Opening | 4.5" (114 mm) | |
| Vise Style | Dual Action, Self Centering | |
| Head Miter | 90° Slotting, 45° Left / 45° Right | |
| Slotting Capable | Yes, Left and Right | |
| Coolant System | Yes | |
| Motor | 3.0 / 1.5 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" (1524 x 1118 x 1219 mm) | |
| Shipping Weight | 724 lbs. (330 kgs.) | |

Specifications subject to change without notice.

| CS-275SA | | |
|---------------------------------|---|---------------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 2.75" (69 mm) | 2.25" (57 mm) |
| ● | 1.5" (38 mm) | 1.5" (38 mm) |
| □ | 2.75" x 2.75" (69 mm x 69 mm) | 2.165" x 2.165" (55 mm x 55 mm) |
| ▤ | 2.75" x 2.9" (69 mm x 73 mm) | 2.165" x 2.25" (55 mm x 57 mm) |
| Specifications | | |
| Maximum Blade Diameter | 11" (275 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | Two Speeds, 60 rpm / 120 rpm | |
| Operation | Semi-Automatic | |
| Head Style | Pivot | |
| Maximum Vise Opening | 4" (100 mm) | |
| Vise Style | Dual Action, Self Centering | |
| Head Miter | 90° Slotting, 45° Left / 45° Right | |
| Slotting Capable | Yes, Left and Right | |
| Coolant System | Yes | |
| Motor | 3.0 / 1.5 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" (1524 x 1118 x 1219 mm) | |
| Shipping Weight | 1,000 lbs. (455 kgs.) | |

Specifications subject to change without notice.

Cold Saws – CS-350M

| CS-350M | | |
|---------------------------------|---|---------------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 4.331" (110 mm) | 2.953" (75 mm) |
| ● | 2.362" (60 mm) | 1.575" (40 mm) |
| □ | 4.25" x 4.25" (108 mm x 108 mm) | 2.953" x 2.953" (75 mm x 75 mm) |
| ▭ | 4.25" x 3.5" (108 mm x 89 mm) | 2.953" x 2.362" (75 mm x 60 mm) |
| Specifications | | |
| Maximum Blade Diameter | 14" (350 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | Two Speeds, 26 rpm / 52 rpm | |
| Operation | Manual | |
| Head Style | Pivot | |
| Maximum Vise Opening | 6.5" (165 mm) | |
| Vise Style | Dual Action, Self Centering | |
| Head Miter | 90° Slotting, 45° Left / 45° Right | |
| Slotting Capable | Yes, Left and Right | |
| Coolant System | Yes | |
| Motor | 4.0 / 3.0 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" (1524 x 1118 x 1219 mm) | |
| Shipping Weight | 820 lbs. (373 kgs.) | |

Specifications subject to change without notice.

- ◆ 14" blade
- ◆ Manual feed
- ◆ Miters up to 45° left and right
- ◆ Self centering vise
- ◆ External back lash adjustment
- ◆ 2 operating speeds
- ◆ 220V 3-phase



Cold Saws – CS-350P



| CS-350P | | |
|---------------------------------|---|---------------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 4.331" (110 mm) | 2.953" (75 mm) |
| ● | 2.362" (60 mm) | 1.575" (40 mm) |
| □ | 4.25" x 4.25" (108 mm x 108 mm) | 2.953" x 2.953" (75 mm x 75 mm) |
| ▣ | 4.25" x 3.5" (108 mm x 89 mm) | 2.953" x 2.362" (75 mm x 60 mm) |
| Specifications | | |
| Maximum Blade Diameter | 14" (350 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | Two Speeds, 26 rpm / 52 rpm | |
| Operation | Manual with Pneumatic Vise | |
| Head Style | Pivot | |
| Maximum Vise Opening | 6.5" (165 mm) | |
| Vise Style | Dual Action, Self Centering | |
| Head Miter | 90° Slotting, 45° Left / 45° Right | |
| Slotting Capable | Yes, Left and Right | |
| Coolant System | Yes | |
| Motor | 4.0 / 3.0 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" (1524 x 1118 x 1219 mm) | |
| Shipping Weight | 834 lbs. (379 kgs.) | |

Specifications subject to change without notice.

- ◆ Pneumatic centering vise
- ◆ Stop mechanism
- ◆ Heavy cast construction
- ◆ Cuts ferrous and non-ferrous metals
- ◆ 4-1/4" capacity
- ◆ External back lash adjustment
- ◆ 2 operating speeds
- ◆ 220V 3-phase

Cold Saws – CS-350SA

| CS-350SA | | |
|---------------------------------|---|---------------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 4.331" (110 mm) | 2.953" (75 mm) |
| ● | 2.362" (60 mm) | 1.575" (40 mm) |
| □ | 4.25" x 4.25" (108 mm x 108 mm) | 2.953" x 2.953" (75 mm x 75 mm) |
| ▭ | 4.25" x 3.5" (108 mm x 89 mm) | 2.953" x 2.362" (75 mm x 60 mm) |
| Specifications | | |
| Maximum Blade Diameter | 14" (350 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | Two Speeds, 26 rpm / 52 rpm | |
| Operation | Semi-Automatic | |
| Head Style | Pivot | |
| Maximum Vise Opening | 6" (153 mm) | |
| Vise Style | Dual Action, Self Centering | |
| Head Miter | 90° Slotting, 45° Left / 45° Right | |
| Slotting Capable | Yes, Left and Right | |
| Coolant System | Yes | |
| Motor | 4.0 / 3.0 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" (1524 x 1118 x 1219 mm) | |
| Shipping Weight | 900 lbs. (410 kgs.) | |

Specifications subject to change without notice.

- ◆ Pneumatic centering vise, hydraulic blade descent
- ◆ Automatic shut-off and vise release
- ◆ Stop mechanism
- ◆ Heavy cast construction
- ◆ Cuts ferrous and non-ferrous metals
- ◆ 4-1/4" capacity
- ◆ External back lash adjustment
- ◆ 2 operating speeds
- ◆ 220V 3-phase



Cold Saws – CS-355M / CS-355SA

- ◆ Miters left and right
- ◆ Centering vise
- ◆ Stop mechanism
- ◆ Heavy cast construction
- ◆ Cuts non-ferrous metals
- ◆ Blade turns at 3200 rpm
- ◆ 4-1/4" capacity
- ◆ 220V 3-phase

CS-355M



CS-355SA



PERFECT FOR ALUMINUM

| CS-355M | | |
|---------------------------------|---|---------------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 4.331" (110 mm) | 2.953" (75 mm) |
| ● | 2.362" (60 mm) | 1.575" (40 mm) |
| □ | 4.25" x 4.25" (108 mm x 108 mm) | 2.953" x 2.953" (75 mm x 75 mm) |
| ▤ | 4.25" x 3.5" (108 mm x 89 mm) | 2.953" x 2.362" (75 mm x 60 mm) |
| Specifications | | |
| Maximum Blade Diameter | 14" (350 mm) | |
| Arbor Size | 1" (25.4 mm) | |
| Blade Speed | 3200 rpm | |
| Operation | Manual | |
| Head Style | Pivot | |
| Maximum Vise Opening | 6.5" (165 mm) | |
| Vise Style | Dual Action, Self Centering | |
| Head Miter | 90° Slotting, 45° Left / 45° Right | |
| Slotting Capable | Yes, Left and Right | |
| Coolant System | Yes | |
| Motor | 5.5 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" (1524 x 1118 x 1219 mm) | |
| Shipping Weight | 790 lbs. (360 kgs.) | |

Specifications subject to change without notice.

| CS-355SA | | |
|---------------------------------|---|---------------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 4.331" (110 mm) | 2.953" (75 mm) |
| ● | 2.362" (60 mm) | 1.575" (40 mm) |
| □ | 4.25" x 4.25" (108 mm x 108 mm) | 2.953" x 2.953" (75 mm x 75 mm) |
| ▤ | 4.25" x 3.5" (108 mm x 89 mm) | 2.953" x 2.362" (75 mm x 60 mm) |
| Specifications | | |
| Maximum Blade Diameter | 14" (350 mm) | |
| Arbor Size | 1" (25.4 mm) | |
| Blade Speed | 3200 rpm | |
| Operation | Semi-Automatic | |
| Head Style | Pivot | |
| Maximum Vise Opening | 6.5" (165 mm) | |
| Vise Style | Dual Action, Self Centering | |
| Head Miter | 90° Slotting, 45° Left / 45° Right | |
| Slotting Capable | Yes, Left and Right | |
| Coolant System | Yes | |
| Motor | 5.5 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" (1524 x 1118 x 1219 mm) | |
| Shipping Weight | 798 lbs. (363 kgs.) | |

Specifications subject to change without notice.

Cold Saws – CS-C425SA

| CS-C425SA | | |
|---------------------------------|--|---------------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 4.92" (125 mm) | 4.5" (114 mm) |
| ● | 2.75" (70 mm) | 2.36" (60 mm) |
| □ | 4.33" x 4.33" (110 mm x 110 mm) | 3.93" x 3.93" (100 mm x 100 mm) |
| ▣ | 4.72" x 1.96" (120 mm x 49 mm) | 3.93" x 1.96" (100 mm x 49 mm) |
| Specifications | | |
| Maximum Blade Diameter | 17" (425 mm) – 14" (350 mm) standard | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | Four-Speeds – 35 rpm / 70 rpm & 60 rpm / 120 rpm | |
| Operation | Semi-Automatic | |
| Head Style | Column | |
| Maximum Vise Opening | 6" (153 mm) | |
| Vise Style | Single Action | |
| Head Miter | 45° Left / 30° Right | |
| Slotting Capable | No | |
| Coolant System | Yes | |
| Motor | 5.0 / 3.0 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 58" x 33" x 84" (1473 x 838 x 2134 mm) | |
| Shipping Weight | 1,870 lbs. (850 kgs.) | |

Specifications subject to change without notice.

- ◆ Accepts up to 17" blade
- ◆ Semi-automatic operation
- ◆ Dual miter swivel head
- ◆ Air assist column pivot
- ◆ Tool gap compensation device
- ◆ Automatic blade shut-off
- ◆ Manual back gauge
- ◆ 4 operating speeds
- ◆ 220V 3-phase



Cold Saws – CS-C485SA



| CS-C 485SA | | |
|---------------------------------|--|---------------------------------|
| Mitering Capacities | 90° | 45° |
| ○ | 4.92" (125 mm) | 4.5" (114 mm) |
| ● | 2.75" (70 mm) | 2.36" (60 mm) |
| □ | 4.33" x 4.33" (110 mm x 110 mm) | 3.93" x 3.93" (100 mm x 100 mm) |
| ▭ | 4.72" x 1.96" (120 mm x 49 mm) | 3.93" x 1.96" (100 mm x 49 mm) |
| Specifications | | |
| Maximum Blade Diameter | 17" (425 mm) – 14" (350 mm) standard | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | Inverter Driven – 40 rpm to 240 rpm | |
| Operation | Semi-Automatic | |
| Head Style | Column | |
| Maximum Vise Opening | 6" (153 mm) | |
| Vise Style | Single Action | |
| Head Miter | 45° Left / 30° Right | |
| Slotting Capable | No | |
| Coolant System | Yes | |
| Motor | 5.0 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 58" x 33" x 88" (1473 x 838 x 2235 mm) | |
| Shipping Weight | 1,898 lbs. (863 kgs.) | |

Specifications subject to change without notice.

- ◆ Accepts up to 17" blade
- ◆ Inverter driven
- ◆ Semi-automatic operation
- ◆ Dual miter swivel head
- ◆ Air assist column pivot
- ◆ Tool gap compensation device
- ◆ Automatic blade shut-off
- ◆ Manual back gauge
- ◆ 220V 3-phase

Automatic Cold Saws – CS-400AV

| CS-400AV | | |
|---------------------------------|---|-----|
| Mitering Capacities | 90° | 45° |
| ○ | 6" (152 mm) | N/A |
| ● | 6" (152 mm) | N/A |
| □ | 4.75" x 4.75" (120 mm x 120 mm) | N/A |
| ▭ | 6" x 2.375" (152 mm x 60 mm) | N/A |
| Specifications | | |
| Maximum Blade Diameter | 18" (455 mm) – 16" (400 mm) standard | |
| Arbor Size | 1" (25.4 mm) | |
| Blade Speed | 3200 rpm | |
| Operation | Automatic | |
| Head Style | Column | |
| Maximum Vise Opening | 6" (152 mm) | |
| Vise Style | Single Action with Floating Feed | |
| Head Miter | None | |
| Slotting Capable | No | |
| Coolant System | Yes | |
| Motor | 5.0 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 87" x 52" x 60" (2210 x 1321 x 1524 mm) | |
| Shipping Weight | 3,630 lbs. (1650 kgs.) | |

Specifications subject to change without notice.

- ◆ Non-ferrous
- ◆ Blade turns at 3200 rpm
- ◆ Heavy duty column feed
- ◆ Automatic work piece feeding, clamping, and cutting
- ◆ High-speed aluminum saw
- ◆ Includes chip collection device
- ◆ 220V 3-phase



Automatic Cold Saws – CS-475AV



| CS-475AV | | |
|---------------------------------|--|-----|
| Mitering Capacities | 90° | 45° |
| ○ | 4.92" (125 mm) | N/A |
| ● | 3" (76 mm) | N/A |
| □ | 4.92" x 4.92" (125 mm x 125 mm) | N/A |
| □ | 5.11" x 3.15" (129 mm x 80 mm) | N/A |
| Specifications | | |
| Maximum Blade Diameter | 17" (425 mm) – 16" (400 mm) standard | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | Four Speeds – 35 rpm / 70 rpm & 60 rpm / 120 rpm | |
| Operation | Automatic | |
| Head Style | Column | |
| Maximum Vise Opening | 5.9" (150 mm) | |
| Vise Style | Single Action with Floating Feed | |
| Head Miter | None | |
| Slotting Capable | No | |
| Coolant System | Yes | |
| Motor | 5.0 hp / 3.0 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) | 96" x 72" x 86" (2438 x 1829 x 2184 mm) | |
| Shipping Weight | 3,600 lbs. (1637 kgs.) | |

Specifications subject to change without notice.

- ◆ User-friendly touch screen
- ◆ Heavy duty column feed
- ◆ Automatic work piece feeding, clamping, and cutting
- ◆ Four speeds for cutting ferrous and non-ferrous metals
- ◆ 220V 3-phase

Tungsten Carbide Cold Saw – CS-70NC

| CS-70NC | | |
|---|---|-----|
| Mitering Capacities | 90° | 45° |
| ○ | 2.75" (70 mm) | N/A |
| ● | 2.75" (70 mm) | N/A |
| □ | 2.36" x 2.36" (60 mm x 60 mm) | N/A |
| □ | 2.36" x 2.36" (60 mm x 60 mm) | N/A |
| Specifications | | |
| Maximum Blade Diameter | 11" (285 mm) | |
| Arbor Size | 1.26" (32 mm) | |
| Blade Speed | Inverter Driven – 17 rpm to 200 rpm | |
| Operation | Automatic with Magazine Feeder | |
| Head Style | Column | |
| Maximum Vise Opening | 3.5" (89 mm) | |
| Vise Style | Single Action with Hydraulic Feed | |
| Head Miter | None | |
| Slotting Capable | No | |
| Coolant System | Yes | |
| Motor | 10 hp | |
| Electrical Requirements | 220V, 3-Phase | |
| Shipping Dimensions (L x W x H) – 2 Crates | 195" x 44" x 64" (4953 x 1118 x 1626 mm) 135" x 90" x 102" (3429 x 2286 x 2591 mm) | |
| Shipping Weight | 5,800 lbs. (2637 kgs.) | |

Specifications subject to change without notice.

- ◆ 11" carbide blade
- ◆ Full automatic magazine style material feed system
- ◆ 19' in-feed table
- ◆ User friendly touch screen control
- ◆ 220V 3-phase



Choosing the Correct Blade for Your Cold Saw

When you purchase your Baileigh Industrial Cold Saw, there are a lot of things to consider. The most important element of a great cut is the blade. Baileigh Industrial has hundreds of blades in stock and ready to ship.

Left, is a table to help you choose the correct blade for cutting mild steel tube and pipe.

When cutting materials other than mild steel, other variables come into play.

Mild Steel

Optimal cut quality and blade life is achieved by cutting at a speed of approximately 100 to 125 SFM (surface feet per minute).

Stainless Steel

The person selecting the blade must multiply the tooth count in the chart by 1.2 to ensure proper blade life and cut quality. Optimal cut quality and blade life is achieved by cutting at a speed of approximately 70 SFM.

Aluminum

The person selecting the blade must multiply the tooth count in the chart by .75 to ensure proper blade life and cut quality. Optimal cut quality and blade life is achieved by cutting at a speed of approximately 300 SFM.

Solids

Solids also have their quirks when it comes to cut quality and blade life. Below left, is a chart to help you pick the best blade for your solid material application. Remember that the same rules for blade speed apply to solids as they do to tube and pipe.

One other important idea to consider when trying to optimize blade life is the type of cold saw you are purchasing. A semi-automatic cold saw with controlled descent of the head will always provide longer blade life over a manually operated saw.

If you have any further questions regarding blades for your cold saw, please contact any of our service technicians at 920-684-4990. They will be more than willing to assist you in choosing the right blade from the hundreds that we have in stock and ready to ship.

| Tube Diameter | Wall Thickness | Blade Diameter- Metric (Normal Inch) | | | | | | |
|---------------|----------------|--------------------------------------|-----------|---------------|-----------|---------------|-----------|-------------|
| | | 225 (9") | 250 (10") | 275 (10-3/4") | 300 (12") | 315 (12-1/2") | 350 (14") | 401.0 (16") |
| 1/2" | .030"-.090" | 220BW | 240BW | 280BW | 300BW | 300BW | 320BW | 340BW |
| 1/2" | .090"-.150" | 200BW | 220BW | 240BW | 280BW | 280BW | 300BW | 320BW |
| 1" | .030"-.060" | 220BW | 240BW | 280BW | 300BW | 300BW | 320BW | 340BW |
| 1" | .060"-.090" | 220BW | 220BW | 240BW | 280BW | 280BW | 300BW | 320BW |
| 1" | .090"-.150" | 180BW | 220BW | 220BW | 240BW | 240BW | 280BW | 300BW |
| 1-1/2" | .030"-.060" | 220BW | 240BW | 260BW | 300BW | 300BW | 320BW | 340BW |
| 1-1/2" | .060"-.090" | 200BW | 220BW | 240BW | 280BW | 280BW | 300BW | 320BW |
| 1-1/2" | .090"-.150" | 180BW | 200BW | 220BW | 240BW | 240BW | 280BW | 300BW |
| 1-1/2" | .150"-.250" | 140C | 160C | 180C | 200C | 220C | 220C | 240BW |
| 2" | .030"-.060" | 240BW | 260BW | 280BW | 300BW | 300BW | 320BW | 340BW |
| 2" | .060"-.090" | 180BW | 200BW | 220BW | 240BW | 240BW | 280BW | 320BW |
| 2" | .090"-.180" | 140C | 160C | 180C | 220C | 220C | 220C | 300BW |
| 2" | .180"-.300" | 120C | 140C | 160C | 180C | 180C | 200C | 240BW |
| 2" | .300"-.500" | 100C | 110C | 120C | 140C | 140C | 160C | 180C |
| 2-1/2" | .030"-.060" | 240BW | 260BW | 280BW | 300BW | 300BW | 320BW | 340BW |
| 2-1/2" | .060"-.090" | 200BW | 220BW | 240BW | 260BW | 260BW | 280BW | 300BW |
| 2-1/2" | .090"-.150" | 180BW | 180C | 180C | 200C | 200C | 220C | 240BW |
| 2-1/2" | .150"-.250" | 120C | 140C | 160C | 180C | 180C | 200C | 220C |
| 2-1/2" | .250"-.400" | 100C | 110C | 120C | 140C | 140C | 160C | 180C |
| 2-1/2" | .400".500" | 90C | 100C | 110C | 120C | 120C | 140C | 160C |
| 3" | .030"-.060" | | | 280BW | 300BW | 300BW | 320BW | 340BW |
| 3" | .060"-.090" | | | 240BW | 260BW | 260BW | 280BW | 300BW |
| 3" | .090"-.150" | | | 180C | 200C | 200C | 220C | 240BW |
| 3" | .150".250" | | | 160C | 180C | 180C | 200C | 220C |
| 3" | .150"-.250" | | | 120C | 140C | 140C | 160C | 180C |
| 3" | .250"-.400" | | | 100C | 120C | 120C | 140C | 160C |
| 3-1/2" | .030"-.060" | | | | 300BW | 300BW | 320BW | 340BW |
| 3-1/2" | .060"-.090" | | | | 260BW | 260BW | 280BW | 300BW |
| 3-1/2" | .090"-.150" | | | | 200C | 200C | 220C | 240BW |
| 3-1/2" | .150".250" | | | | 180C | 180C | 200C | 220C |
| 3-1/2" | .150"-.250" | | | | 140C | 140C | 160C | 180C |
| 3-1/2" | .250"-.400" | | | | 120C | 120C | 140C | 160C |

For Stainless Steel; Recommended Teeth x 1.2 Approx.

For Non-Ferrous Materials; Recommended Teeth x .75 Approx.

| SOLID Diameter | Blade Diameter- Metric (Normal Inch) | | | | | | |
|----------------|--------------------------------------|-----------|---------------|-----------|---------------|-----------|-------------|
| | 225 (9") | 250 (10") | 275 (10-3/4") | 300 (12") | 315 (12-1/2") | 350 (14") | 401.0 (16") |
| 1/4"-3/4" | 180BW | 180C | 200C | 220BW | 220BW | 280BW | 320BW |
| 3/4"-1-1/4" | 120C | 120C | 140C | 180C | 180C | 220BW | 240BW |
| 1-1/4"-1-3/4" | 100C | 100C | 120C | 140C | 140C | 180C | 200C |
| 1-3/4"-2-1/4" | 80C | 80C | 100C | 120C | 120C | 120C | 140C |
| 2-1/4"-2-3/4" | 60C | 60C | 70C | 80C | 80C | 80C | 90C |
| 2-3/4"-3-1/2" | | | | 60C | 60C | 60C | 80C |

Abrasive Chop Saw – AS-350M

SPECIFICATIONS – AS-350M

| | | |
|---------------------------------|-----------------|-----------------------|
| Capacity @ 90° | | |
| Round | 4.5" | 114 mm |
| Rectangle | 5.5" x 3.5" | 139 mm x 89 mm |
| Capacity @ 45° | | |
| Round | 4" | 101 mm |
| Rectangle | 2.5" x 3" | 63 mm x 76 mm |
| Max Vise Opening | 6.5" | 165 mm |
| Blade Size | 14" | 350 mm |
| Blade Speed | 4300 rpm | |
| Drive | Belt | |
| Motor | 7.5 hp | |
| Power Requirement | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 48" | 1524 x 1118 x 1219 mm |
| Shipping Weight | 319 lbs. | 145 kgs. |

Specifications subject to change without notice.

- ◆ 14" abrasive disc
- ◆ Dual mitering swivel head
- ◆ Quick-release vise
- ◆ 220V 3-phase



Deburring Machine – DM-10

| OPTIONAL TOOLING | |
|------------------|--|
| SKU | Description |
| 1017936 | Medium, Steel Wire Wheel, 250 x 60 mm Dia., .3 mm Wire |
| 1017937 | Fine, Steel Wire Wheel, 250 x 60 mm Dia., .2 mm Wire |
| 1017938 | Coarse, Steel Wire Wheel, 250 x 60 mm Dia., .5 mm Wire |
| 1017965 | Stainless Steel Wire Wheel, 250 x 60 mm Dia., .3 mm Wire |



| SPECIFICATIONS – DM-10 | | |
|---------------------------------|-------------------|---------------------|
| Motor | 3 hp | |
| Wheel Thickness | 10" x 2.375" | 250 mm x 60 mm |
| Wheel Speed | 1400 and 2800 rpm | |
| Power | 220V 3-phase | |
| Shipping Dimensions (L x W x H) | 27" x 19" x 40" | 690 x 470 x 1000 mm |
| Shipping Weight | 261 lbs. | 119 kgs. |

Specifications subject to change without notice.

- ◆ Deburs tube, pipe, and profiles
- ◆ Two Speed Motor
- ◆ Includes heavy duty pedestal stand
- ◆ Integrated filter bag
- ◆ Optional deburring wheels available
- ◆ 220V 3-phase

Buffing Wheels – IB-8 / IB-10

SPECIFICATIONS – IB-8

| | |
|---------------------------------|------------------------|
| Wheel Size | 8" x 1/2" x 5/8" |
| Wheel Type | Spiral and Half Spiral |
| Shaft Diameter | 5/8" |
| Spacer Sizes | 1/2", 1", 2" |
| Motor HP | 1-1/2" |
| Motor Speed | 3,600 rpm |
| Power Requirements | 115V |
| Decibels | 75dB @ 3' |
| Foot Print | 9-1/2" x 8-1/16" |
| Distance between Mounting Holes | 8-1/2" |
| Shipping Dimensions | 27" x 11" x 12" |
| Shipping Weight | 50 lbs. |

Specifications subject to change without notice.

- ◆ 8" buffer/polisher
- ◆ 3600 rpms
- ◆ LED light included
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ 2 extra pairs of flange washers included
- ◆ 115V



IB-8

SPECIFICATIONS – IB-10

| | |
|---------------------------------|------------------------|
| Wheel Size | 10" x 1" x 1" |
| Wheel Type | Spiral and Half Spiral |
| Shaft Diameter | 1" |
| Spacer Sizes | 1/2", 1", 2" |
| Motor HP | 1-1/2" |
| Motor Speed | 1,800 rpm |
| Power Requirements | 115V |
| Decibels | 75dB @ 3' |
| Foot Print | 10" x 9-5/8" |
| Distance between Mounting Holes | 8-3/4" |
| Shipping Dimensions | 34" x 13" x 15-1/2" |
| Shipping Weight | 85 lbs. |

Specifications subject to change without notice.

- ◆ 10" buffer/polisher
- ◆ 1800 rpms
- ◆ LED light included
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ 2 extra pairs of flange washers included
- ◆ 115V
- ◆ CSA Certified



IB-10

Bench Grinders – IGB-8 / IGB-10



- ◆ 8" Industrial bench grinder
- ◆ 3600 rpms
- ◆ LED light included
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ One-piece quick adjusting spark guards
- ◆ Adjustable tool rests
- ◆ 1-1/4" dresser included
- ◆ CSA listed
- ◆ 115V

| SPECIFICATIONS – IGB-8 | |
|---------------------------------|------------------|
| Wheel Size | 8" x 1" x 5/8" |
| Wheel Type | Aluminum Oxide |
| Wheel Grits | 36 & 60 |
| Shaft Diameter | 5/8" |
| Motor HP | 1" |
| Motor Speed | 3,600 rpm |
| Power Requirements | 115V |
| Decibels | 75dB @ 3' |
| Foot Print | 9-1/2" x 8-1/16" |
| Distance between Mounting Holes | 8-1/2" |
| Shipping Dimensions | 23" x 14" x 14" |
| Shipping Weight | 75 lbs. |

Specifications subject to change without notice.



- ◆ 10" Industrial bench grinder
- ◆ 1800 rpms
- ◆ LED light included
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ One-piece quick adjusting spark guards
- ◆ Adjustable tool rests
- ◆ Dia. 1-1/4" dresser included
- ◆ CSA listed
- ◆ 115V

| SPECIFICATIONS – IGB-10 | |
|---------------------------------|---------------------|
| Wheel Size | 10" x 1" x 1" |
| Wheel Type | Aluminum Oxide |
| Wheel Grits | 36 & 60 |
| Shaft Diameter | 1" |
| Motor HP | 1-1/2" |
| Motor Speed | 1,800 rpm |
| Power Requirements | 115V |
| Decibels | 75dB @ 3' |
| Foot Print | 10" x 9-5/8" |
| Distance between Mounting Holes | 8-3/4" |
| Shipping Dimensions | 34" x 13" x 15-1/2" |
| Shipping Weight | 125 lbs. |

Specifications subject to change without notice.

Disc & Belt Grinders – IGBB-436

SPECIFICATIONS – IGBB-436

| | |
|---------------------------------|--------------------|
| Wheel Size | 8" x 1" x 5/8" |
| Wheel Type | Aluminum Oxide |
| Wheel Grits | 36 |
| Shaft Diameter | 5/8" |
| Tool Rest Size | 5-1/8" x 2-15/16" |
| Tool Rest Tilt | 45 degrees down |
| Belt Size | 36" x 4" |
| Belt Grit | 80 |
| Belt Speed (SFPM) | 3769 |
| Belt Drive Wheel | 4" x 4-1/6" |
| Belt Table Tilt | 45 Degrees |
| Belt Table Size | 6-5/16" x 2-15/16" |
| Motor HP | 1" |
| Motor Speed | 3,600 rpm |
| Power Requirements | 115V |
| Decibels | 75dB @ 3' |
| Foot Print | 9-1/2" x 8-1/16" |
| Distance between Mounting Holes | 8-1/2" |
| Shipping Dimensions | 23" x 24" x 17" |
| Shipping Weight | 100 lbs. |

Specifications subject to change without notice.

- ◆ 8" Combination belt grinder and bench grinder
- ◆ 3600 rpms
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ One-piece quick adjusting spark guards
- ◆ Adjustable tool rests
- ◆ 1-1/4" dresser included
- ◆ CSA listed
- ◆ 115V



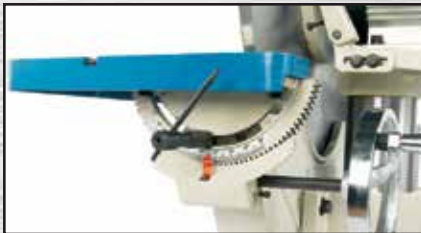
Disc & Belt Grinders – DG-500 / DG-500HD

SPECIFICATIONS – DG-500

| | | |
|---------------------------------|---------------------|---------------------|
| Disc Diameter | 20" | 508 mm |
| Disc Speed | 1,100 rpm | |
| Table Dimensions | 25.5" x 14.5" | 647 mm x 368 mm |
| Table Adjustments | | |
| Upward | 30° | |
| Downward | 45° | |
| Motor | 2 hp | |
| Power Requirements | 220V, 1-phase | |
| Shipping Dimensions (L x W x H) | 30.5" x 28" x 54.5" | 775 x 711 x 1384 mm |
| Shipping Weight | 438 lbs. | 200 kgs. |

Specifications subject to change without notice.

- ◆ 20" disc diameter
- ◆ Sturdy, adjustable floor stand
- ◆ Hand wheel for fast table adjustments
- ◆ 220V 1-phase



DG-500



DG-500HD

SPECIFICATIONS – DG-500HD

| | | |
|---------------------------------|----------------------|-----------------------|
| Disc Diameter | 20" | 508 mm |
| Disc Speed | 1,720 rpm | |
| Table Dimensions | 27.5" x 10.5" | 699 mm x 267 mm |
| Table Adjustments | | |
| Upward | 30° | |
| Downward | 45° | |
| Motor | 2 hp | |
| Power Requirements | 220V, 1ph, 60hz, 30A | |
| Shipping Dimensions (L x W x H) | 48" x 45" x 57" | 1219 x 1143 x 1448 mm |
| Shipping Weight | 463 lbs. | 210 kgs. |

Specifications subject to change without notice.

- ◆ 20" disc diameter
- ◆ Foot brake
- ◆ Table adjusts 15 degrees up and 45 degrees down
- ◆ Hydraulic assist table lift
- ◆ 1750 rpm
- ◆ 220V 1-phase

Disc & Belt Grinders – BG-142S

SPECIFICATIONS – BG-142S

| | |
|---------------------|-----------------|
| Number of Wheels | 3 |
| Belt Size | 1" x 42" |
| Belt Speed (SFP) | 5500 |
| Belt Drive Wheel | 4.75" x 1" |
| Motor HP | 3/4 hp |
| Shipping Dimensions | 25" x 23" x 25" |
| Shipping Weight | 125 lbs. |
| Power Requirements | 115V |

Specifications subject to change without notice.

- ◆ 1" x 42" belt grinder
- ◆ 3 contact wheels
- ◆ Positive belt tracking adjust
- ◆ Quick belt change with belt tensioner
- ◆ Cast metal frame / body
- ◆ Adjustable tool rests
- ◆ Integrated dust chute
- ◆ 115V



Disc & Belt Grinders – BG-248S



SPECIFICATIONS – BG-248S

| | |
|---------------------|-----------------|
| Number of Wheels | 3 |
| Belt Size | 2" x 48" |
| Belt Speed (SFP) | 6000 |
| Belt Drive Wheel | 5" x 2" |
| Motor HP | 1 hp |
| Shipping Dimensions | 25" x 23" x 25" |
| Shipping Weight 1 | 35 lbs. |
| Power Requirements | 115V |

Specifications subject to change without notice.

- ◆ 2" x 48" belt grinder
- ◆ 3 contact wheels
- ◆ 6000 SFP
- ◆ Quick belt change with belt tensioner
- ◆ Cast metal frame / body
- ◆ Adjustable tool rests
- ◆ Integrated dust chute
- ◆ 115V



Disc & Belt Grinders – BG-260S

SPECIFICATIONS – BG-260S

| | |
|---------------------|-----------------|
| Number of Wheels | 3 |
| Belt Size | 2" x 60" |
| Belt Speed (SFP) | 8000 |
| Speeds | Single |
| Belt Drive Wheel | 7" x 2" |
| Motor HP | 1-1/2 hp |
| Shipping Dimensions | 30" x 26" x 29" |
| Shipping Weight | 161 lbs. |
| Power Requirements | 115V |

Specifications subject to change without notice.

- ◆ 2" x 60" belt grinder
- ◆ 3 contact wheels
- ◆ 8000 SFP
- ◆ Quick belt change with belt tensioner
- ◆ Cast metal frame / body
- ◆ Adjustable tool rests
- ◆ Integrated dust chute
- ◆ 115V



Disc & Belt Grinders – BG-260

- ◆ 2" x 60" three wheel grinder
- ◆ Inverter driven variable speed
- ◆ 7" diameter contact wheels
- ◆ Quick change belt system
- ◆ 110V or 220V single phase

| SPECIFICATIONS – BG-260 | | |
|---------------------------------|-------------------------|---------------------|
| Belt Size | 60" x 2" | 1524 mm x 51 mm |
| Belt Speeds (ft./min.) | 800–8000 fpm (variable) | |
| Dust Collection | No | |
| Motor | 1.5 hp | |
| Power Requirement | 110V / 220 1-phase | |
| Shipping Dimensions (L x W x H) | 46" x 23" x 23" | 1168 x 584 x 584 mm |
| Shipping Weight | 125 lbs. | 57 kgs. |

Specifications subject to change without notice.



Disc & Belt Grinders – BG-248-3

SPECIFICATIONS – BG-248-3

| | | |
|---------------------------------|-----------------|---------------------|
| Belt Size | 48" x 2" | 1220 mm x 51 mm |
| Belt Speeds (ft./min.) | 3600 fpm | |
| Dust Collection | No | |
| Motor | 1.5 hp | |
| Power Requirement | 110V | |
| Shipping Dimensions (L x W x H) | 46" x 23" x 23" | 1168 x 584 x 584 mm |
| Shipping Weight | 175 lbs. | 80 kgs. |

Specifications subject to change without notice.

- ◆ 2" x 48" three wheel grinder
- ◆ 7 independent work stations
- ◆ 5 integrated contact wheels, 3/4", 1", 1-1/2", 3-1/2", and 8"
- ◆ Wheels rotate for perfect radius
- ◆ Stand included
- ◆ Head tilts for easy access to difficult angles
- ◆ 110V



Disc & Belt Grinders – BG-248-2



SPECIFICATIONS – BG-248-2

| | | |
|---------------------------------|-----------------------|--------------------|
| Belt Size | 48" x 2" | 1220 mm x 50.8 mm |
| Belt Speed | 8000 fpm (2438 mpm) | |
| Motor | 1.5 hp | |
| Power Requirement | 110V, 60 hz | |
| Shipping Dimensions (L x W x H) | 26.8" x 24.4" x 13.2" | 680 x 620 x 335 mm |
| Shipping Weight | 113 lbs. | 51 kgs. |

Specifications subject to change without notice.

- ◆ 2" x 48" two wheel grinder
- ◆ Platen, slack, & contact wheel grinding
- ◆ Adjustable work rest
- ◆ Pivoting head
- ◆ 8,000 FPM
- ◆ 1.5HP
- ◆ 110V
- ◆ Blade sharpening and table attachments available (sold separately)

Disc & Belt Grinders – BG-379

| SPECIFICATIONS – BG-379 | | |
|---------------------------------|-----------------|---------------------|
| Max. Belt Size | 78.75" x 3" | 2000 mm x 76 mm |
| Contact Wheel (Dia. x Width) | 7.87" x 3" | 200 mm x 76 mm |
| Belt Speed (ft./min.) | 6,691 fpm | |
| Dust Collection | Yes | |
| Motor | 4 hp | |
| Power Requirements | | |
| Main | 220V 3-Phase | |
| Dust Collection | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 46" x 23" x 23" | 1168 x 584 x 584 mm |
| Shipping Weight | 231 lbs. | 105 kgs. |

Specifications subject to change without notice.

- ◆ 3" belt width
- ◆ Dust collection system standard
- ◆ Sturdy triangular base
- ◆ 3 grinding stations
- ◆ 220V 3-phase



Disc & Belt Grinders – BG-679

- ◆ 6" belt width
- ◆ Dust collection system standard
- ◆ Sturdy triangular base
- ◆ 3 grinding stations
- ◆ 220V 3-phase



| SPECIFICATIONS – BG-679 | | |
|---------------------------------|-----------------|---------------------|
| Max. Belt Size | 78.75" x 6" | 2000 mm x 152 mm |
| Contact Wheel (Dia. x Width) | 9.84" x 6" | 250 mm x 152 mm |
| Belt Speed (ft./min.) | 3,937 fpm | |
| Dust Collection | Yes | |
| Motor | 4 hp | |
| Power Requirements | | |
| Main | 220V 3-Phase | |
| Dust Collection | 220V 3-Phase | |
| Shipping Dimensions (L x W x H) | 46" x 26" x 26" | 1168 x 660 x 660 mm |
| Shipping Weight | 286 lbs. | 130 kgs. |

Specifications subject to change without notice.

Disc & Belt Grinders – DBG-9248

SPECIFICATIONS – BG-9248

| | |
|---------------------------------|----------------------|
| Disc Diameter | 9" |
| Disc Grits | 80 |
| Disc Table Size | 11-13/16" x 5-29/32" |
| Disc Table Tilt | 45 degrees down |
| T-Slot Size | 3/4" x 3/8" |
| Dust Port | 2" |
| Belt Size | 48" x 2" |
| Belt Grit | 80 |
| Belt Speed (SFPM) | 4712 |
| Belt Drive Wheel | 5" x 2" |
| Belt Table Tilt | 45 Degrees Down |
| Belt Table Size | 4-11/32" x 3" |
| Dust port | 2" |
| Motor HP | 1" |
| Motor Speed | 3,600 rpm |
| Power Requirements | 115V |
| Decibels | 75dB @ 3' |
| Foot Print | 9-1/2" x 8-1/16" |
| Distance between Mounting Holes | 8-1/2" |
| Shipping Dimensions | 27" x 25" x 17" |
| Shipping Weight | 100 lbs. |

Specifications subject to change without notice.

- ◆ Combination belt grinder and sanding disc
- ◆ 9" sanding disc
- ◆ 2" x 48" grinding belt
- ◆ 3600 rpms
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ Work light included
- ◆ CSA listed
- ◆ 115V



Disc & Belt Grinders – DBG-9436



SPECIFICATIONS – BG-9436

| | |
|---------------------------------|----------------------|
| Disc Diameter | 9" |
| Disc Grits | 80 |
| Disc Table Size | 11-13/16" x 5-29/32" |
| Disc Table Tilt | 45 degrees down |
| T-Slot Size | 3/4" x 3/8" |
| Dust Port | 2" |
| Belt Size | 36" x 4" |
| Belt Grit | 80 |
| Belt Speed (SFPM) | 3769 |
| Belt Drive Wheel | 4" x 4" |
| Belt Table Tilt | 45 Degrees Down |
| Belt Table Size | 6-5/16" x 3" |
| Dust port | 2" |
| Motor HP | 1" |
| Motor Speed | 3,600 rpm |
| Power Requirements | 115V |
| Decibels | 75dB @ 3' |
| Foot Print | 9-1/2" x 8-1/16" |
| Distance between Mounting Holes | 8-1/2" |
| Shipping Dimensions | 22" x 25" x 17" |
| Shipping Weight | 100 lbs. |

Specifications subject to change without notice.

- ◆ Combination belt grinder and sanding disc
- ◆ 9" sanding disc
- ◆ 4" x 36" grinding belt
- ◆ 3600 rpms
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ Adjustable tool rests
- ◆ Work light included
- ◆ CSA listed
- ◆ 115V

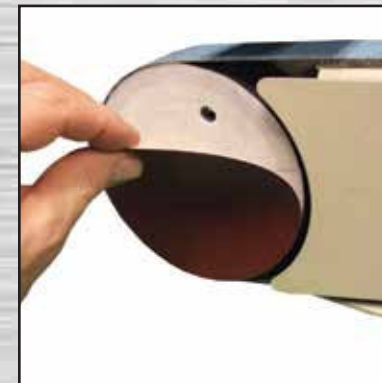
Disc & Belt Grinders – DBG-62

SPECIFICATIONS – DBG-62

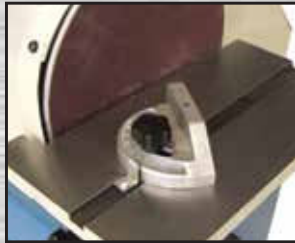
| | | |
|---------------------------------|-----------------|--------------------|
| Belt Size (L x W) | 40" x 2" | 1016 mm x 50 mm |
| Belt Speed (ft./min.) | 4,330 fpm | |
| Table Dimensions | 5.31" x 3.14" | 135 mm x 79 mm |
| Disc Diameter | 6" | 152 mm |
| Disc Speed | 2,800 rpm | |
| Motor | 1 hp | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 23" x 18" x 15" | 584 x 457 x 381 mm |
| Shipping Weight | 64 lbs. | 30 kgs. |

Specifications subject to change without notice.

- ◆ 6" disc diameter
- ◆ 2" belt width
- ◆ Bench top model
- ◆ Adjustable tables for easy chamfering
- ◆ Pivoting belt station
- ◆ 110V



Disc & Belt Grinders – DBG-106



"As an automotive designer, I'm proud to create high-quality, unique rides for my customers. Thanks to Baileigh Industrial, I will never again be limited by my equipment. Over the past few years, we at Cal Automotive Creations have outfitted our shop exclusively with Baileigh Equipment, and we've never looked back."

Andy Leach
Cal Automotive Creations
Bennington, NE



| SPECIFICATIONS – DBG-106 | | |
|---------------------------------|-----------------|--------------------|
| Belt Size (L x W) | 48" x 6" | 1220 mm x 152 mm |
| Belt Speed (ft./min.) | 1,653 fpm | |
| Belt Table Dimensions | 6" x 10.5" | 152 mm x 266 mm |
| Table Angle Adj. | 45° | |
| Disc Diameter | 9.84" | 250 mm |
| Disc Speed | 2,100 rpm | |
| Disc Table Dimensions | 7.5" x 13" | 190 mm x 330 mm |
| Chamfer Angle | 15° | |
| Max. Chamfer @ 15° | .177" | 4.5 mm |
| Motor | 1.5 hp | |
| Power Requirements | 110V, 1-phase | |
| Shipping Dimensions (L x W x H) | 29" x 17" x 17" | 737 x 432 x 432 mm |
| Shipping Weight | 335 lbs. | 152 kgs. |

Specifications subject to change without notice.

- ◆ 10" disc diameter
- ◆ 6" belt width
- ◆ Quick change belt system
- ◆ Large, adjustable tables for easy chamfering
- ◆ Pivoting belt station
- ◆ 110V



Metal Dust Collectors – MDC-1800

SPECIFICATIONS – MDC-1800

| | | |
|---------------------|-------------------|---------------------------|
| Air Capacity | 1846 CFM | |
| Noise | 76 dB | |
| Inlet Size | 8" x 4" (3) | 203 mm x 101 mm (3) |
| Motor | 3 hp | |
| Power | 220V Single Phase | |
| Shipping Dimensions | 32" x 30" x 42" | 815 mm x 740 mm x 1070 mm |
| Shipping Weight | 320 lbs. | 145 kgs. |

Specifications subject to change without notice.

- ◆ Dust collector designed for metal working
- ◆ Cyclone style
- ◆ 1450 CFM
- ◆ Quiet
- ◆ Fire resistant
- ◆ Bag filter
- ◆ Post filter
- ◆ Easily removable chip tray
- ◆ Portable
- ◆ 220V single phase



Metal Dust Collectors – MDC-1200-HD



Cartridge filter



Filter removal



Hepa filter



SPECIFICATIONS – MDC-1200-HD

| | | |
|---------------------------------|-----------------------|-----------------------|
| Air Capacity | 1100 CFM | |
| Noise | 75 dB | |
| Filter | HEPA Cartridge | |
| Filter Size | Ø15" x 26"L | Ø380 mm x 660 mm |
| Inlet Size | 6" | 152.4 mm |
| Motor | 1.5 hp | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 34.7" x 25.8" x 68.2" | 879.8 x 656 x 1731 mm |
| Shipping Weight | 550 lbs. | 250 kgs. |

Specifications subject to change without notice.

- ◆ Heavy duty metalworking dust collector
- ◆ 1.5 hp
- ◆ 1100 CFM
- ◆ Pulse clean filter cartridge system (air supply required)
- ◆ Fire resistant teflon coated filter
- ◆ Magnehelic pressure gauge
- ◆ Full steel construction
- ◆ HEPA filter standard
- ◆ Tool-less filter maintenance
- ◆ CSA – U.S. certified
- ◆ 110V

Metal Dust Collectors – MDC-3500-HD

SPECIFICATIONS – MDC-3500-HD

| | | |
|---------------------------------|-----------------------|---------------------------|
| Air Capacity | 2340 CFM | |
| Noise | 78 dB | |
| Filter | HEPA Cartridge | |
| Filter Size | Ø15" x 26"L | Ø380 mm x 660 mm |
| Inlet Size | 10" | 354 mm |
| Motor | 5 hp | |
| Power Requirements | 230 V Three Phase | |
| Shipping Dimensions (L x W x H) | 38.2" x 39.2" x 75.6" | 969.9 x 994.4 x 1917.6 mm |
| Shipping Weight | 550 lbs. | 250 kgs. |

Specifications subject to change without notice.

- ◆ Heavy duty metalworking dust collector
- ◆ 5 hp
- ◆ 2340 CFM
- ◆ Pulse clean filter cartridge system
- ◆ Fire resistant teflon coated filter
- ◆ Magnehelic pressure gauge
- ◆ Full steel construction
- ◆ HEPA filter standard
- ◆ Tool-less filter maintenance
- ◆ CSA – U.S. certified
- ◆ 220V 3 phase



Cartridge filter



Filter removal



Hepa filter



[WWW.BAILEIGH.COM](http://www.baileigh.com)



*Jimmy Shine
Jimmy Shine's Workshop*

"Starting with a couple basic machines needed at So-Cal Speed Shop, I was introduced to Baileigh Industrial, that was over 10 years ago and now even my own shop is filled with the machines that I've grown to know and rely on every day. Tools and their quality is very important, but there is something as

important or maybe even more so . . . that's the people who stand behind them. The staff at Baileigh have always been on point for any technical support or to rush a needed part overnight to complete a job and get us to the track. That kind of service makes the difference."

Metal Down Draft Tables – DDTM-5922

| SPECIFICATIONS – DDTM-5922 | | |
|----------------------------|------------------------|----------------------------|
| Table Size | 61" x 21.6" | 2000 mm |
| CFM | 1790 Per Motor | |
| Number of Motors | 2 | |
| Motor HP | .5 hp | |
| Filter Type | 250 Micron / Fireproof | |
| Number of Filters | 4 | |
| Filter Size | 16" x 20" x 1" | 406 mm x 508 mm x 25 mm |
| Shipping Dimension | 66" x 28" x 37" | 2750 mm x 940 mm x 1160 mm |
| Shipping Weight | 550 lbs. | 250 kgs. |

Specifications subject to change without notice.

- ◆ 59" x 22" downdraft table
- ◆ 3 mm thick stainless steel work surface
- ◆ Perfect for grinding and sanding
- ◆ Dual motors
- ◆ 1790 CFM per motor
- ◆ Fire resistant
- ◆ Air filters
- ◆ Easy clean out chip compartments
- ◆ 110V



Metal Down Draft Tables – DDTM-8024

- ◆ 80" x 24" downdraft table
- ◆ 3 mm thick stainless steel work surface
- ◆ Perfect for grinding and sanding
- ◆ Dual motors
- ◆ 1950 CFM per motor
- ◆ Fire resistant
- ◆ Air filters
- ◆ Easy clean out chip compartments
- ◆ 220V single phase

| SPECIFICATIONS – DDTM-8024 | | |
|----------------------------|------------------------|---------------------------|
| Table Size | 80" x 24" | 2035 mm x 610 mm |
| CFM | 1950 Per Motor | |
| Number of Motors | 2 | |
| Motor HP | 1 hp | |
| Filter Type | 250 Micron / Fireproof | |
| Number of Filters | 4 | |
| Filter Size | 16" x 20" x 1" | 406 mm x 508 mm x 25 mm |
| Shipping Dimension | 87" x 32" x 35" | 2200 mm x 805 mm x 880 mm |
| Shipping Weight | 715 lbs. | 325 kgs. |

Specifications subject to change without notice.



Metal Down Draft Tables – DDTM-4840-HD

SPECIFICATIONS – DDTM-4840-HD

| | | |
|---------------------------------|--|----------------------|
| Table Size | 48" x 40" | 1240 mm x 1030 mm |
| Table Surface | Open Grate System | |
| CFM | 1350 at Base | |
| Face Velocity | 244 FPM | |
| Filter System | 3 Stage | |
| Stage 1 Filter | Aluminum Mesh | |
| Stage 1 Filter Size | 11.3" x 23.8" x 0.86" | 285 x 630 x 22 mm |
| Stage 2 Filter | Polyester Teflon Coated Cartridge with Pulse Clean | |
| Stage 2 Filter Size | Ø11.25" x 13"L | Ø385 x 330 mm L |
| Stage 3 Filter | HEPA | |
| Stage 3 Filter Size | 18" x 20" x 5.9" | 457 x 508 x 150 mm |
| Required Air Supply | 60–90 psi (For Pulse Clean Feature) | |
| Motor | 1.5 hp | |
| Power Requirements | 230V 3 Phase | |
| Shipping Dimensions (L x W x H) | 58.8" x 39.3" x 73.6" | 1493 x 998 x 1869 mm |
| Shipping Weight | 1,019 lbs. | 468 kgs. |

Specifications subject to change without notice.

- ◆ 48" x 40" working area
- ◆ Heavy duty metalworking down draft table
- ◆ Perfect for grinding or sanding
- ◆ 2 hp
- ◆ 1350 CFM
- ◆ 3 stage filter
 1. Fire resistant aluminum
 2. Pulse clean filter system (air supply required)
 3. HEPA filter
- ◆ Easy clean out chip tray
- ◆ Full steel construction
- ◆ Includes side and back panels
- ◆ Integrated work light
- ◆ 110V aux. outlet
- ◆ Aux. air port
- ◆ CSA – U.S. certified
- ◆ 230V 3 phase



Cartridge filter



Chip tray



Hepa filter

Metal Down Draft Tables – DDTM-8052-HD



| SPECIFICATIONS – DDTM-8052-HD | | |
|---------------------------------|--|---------------------------|
| Table Size | 78" x 52" | 1990 mm x 1321 mm |
| Table Surface | Open Grate System | |
| CFM | 2340 at Base | |
| Face Velocity | 222 FPM | |
| Filter System | 3 Stage | |
| Filter System | 3 Stage | |
| Stage 1 Filter | Aluminum Mesh x 2 | |
| Stage 1 Filter Size | 11.3" x 23.8" x 0.86" | 285 x 630 x 22 mm |
| Stage 2 Filter | Polyester Teflon Coated Cartridge with Pulse Clean x 6 | |
| Stage 2 Filter Size | Ø11.25" x 13"L | Ø385 x 330 mm L |
| Stage 3 Filter | HEPA | |
| Stage 3 Filter Size | 18" x 20" x 5.9" | 457 x 508 x 150 mm |
| Required Air Supply | 60–90 psi (For Pulse Clean Feature) | |
| Motor | 5 hp | |
| Power Requirements | 230V 3 Phase | |
| Shipping Dimensions (L x W x H) | 88.3" x 53.2" x 73.6" | 2241.5 x 1350 x 1870.9 mm |
| Shipping Weight | 1,742 lbs. | 790 kgs. |

Specifications subject to change without notice.

- ◆ 72" x 52" working area
- ◆ Heavy duty metalworking down draft table
- ◆ Perfect for grinding or sanding
- ◆ 5 hp
- ◆ 2340 CFM
- ◆ 3 stage filter
 1. Fire resistant aluminum
 2. Pulse clean filter system (air supply required)
 3. HEPA filter
- ◆ Easy clean out chip tray
- ◆ Full steel construction
- ◆ Includes side and back panels
- ◆ Integrated work light
- ◆ 110V aux. outlet
- ◆ Aux. air port
- ◆ CSA – U.S. certified
- ◆ 230V 3 phase

Chamfering – CM-6

SPECIFICATIONS – CM-6

| | | |
|---------------------------------|-----------------|--------------------|
| Chamfer Size | 0 – .236" | 0 – 6 mm |
| Chamfer Angle | 15 – 45° | |
| Motor | 1.5 hp | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 16" x 20" x 20" | 406 x 508 x 508 mm |
| Shipping Weight | 180 lbs. | 82 kgs. |

Specifications subject to change without notice.

- ◆ Chamfering machine
- ◆ Adjustable angle from 15° to 45°
- ◆ 110V



Plate Bevelers – CM-10P



| SPECIFICATIONS – CM-10P | | |
|---------------------------------|-----------------|--------------------|
| Chamfer @ 90° | 0 – .275" | 0 – 7 mm |
| Chamfer @ 45° | 0 – .393" | 0 – 10 mm |
| Motor | 1 hp Brushless | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 20" x 12" x 12" | 508 x 305 x 305 mm |
| Shipping Weight | 20 lbs. | 9.28 kgs. |

Specifications subject to change without notice.

- ◆ Portable
- ◆ Includes bench mount
- ◆ Brushless motor technology
- ◆ Light weight
- ◆ 5-blade cutter head with removable inserts included
- ◆ Breakaway cord
- ◆ 3/8" mild steel bevel capacity
- ◆ 110V



Plate Bevelers – CM-060PR

SPECIFICATIONS – CM-060PR

| | | |
|---------------------------------|-------------------------------|---------------------|
| Max. Bevel Width (15°) | .625" | 15.875 mm |
| Max. Bevel Width (45°) | .75" | 19.05 mm |
| Bevel Angle | 0°, 15°, 30°, 37.5°, 45°, 60° | |
| RPM | 3,450 | |
| Motor | 1.5 hp | |
| Power | 110V | |
| Shipping Dimensions (L x W x H) | 27" x 19" x 40" | 685 x 482 x 1016 mm |
| Shipping Weight | 75 lbs. | 34 kgs. |

Specifications subject to change without notice.

- ◆ Powerful 1.5hp AC motor
- ◆ Incredibly silent while running
- ◆ The beveling angle adjustable from 0 to 60 degrees
- ◆ Maximum bevel is 3/4" @ 45°
- ◆ 12 insert carbide milling blade
- ◆ Light weight design dictates that only one person is necessary for operation
- ◆ Includes a rolling case to allow for easy transport
- ◆ 110V



Plate Bevelers – CM-12



30 Degree Block



Cutter



| SPECIFICATIONS – CM-12 | | |
|---------------------------------|--|---------------------|
| Max. Bevel Width | .472" | 12 mm |
| Bevel Angle | 30° to 50° With optional plates, (30° and 45° are included) | |
| Material Thickness | .118" to 1.37" | 3 mm to 35 mm |
| Min. Material Dim. | 2.36" x 2.36" | 60 mm x 60 mm |
| Cutting Speed | 5.8 F/min. | 1.8 m /min. |
| Motor | 5 hp | |
| Shipping Dimensions (L x W x H) | 27" x 19" x 40" | 690 x 470 x 1000 mm |
| Shipping Weight | 75 lbs. | 34 kgs. |

Specifications subject to change without notice.

- ◆ Self feeding material system
- ◆ "Can opener" style
- ◆ Maximum bevel width
15/32" (12 mm)
- ◆ Chamfer angles from 30° to 50°
(30° and 45° included)
- ◆ Lightweight
- ◆ 220V 3-phase

Plate Bevelers – CM-15DS

| SPECIFICATIONS – CM-15DS | | |
|---------------------------------|---------------------|---------------------|
| Max. Bevel Width | .59" | 15 mm |
| Bevel Angle | 15° to 50° Variable | |
| Material Thickness | .236" to 1.57" | 6 mm to 40 mm |
| Blade Speed | 2800 rpm | |
| Cutting Speed | 11.4 F/min. | 3.5 m /min. |
| Motor | 2 hp | |
| Shipping Dimensions (L x W x H) | 27" x 19" x 40" | 690 x 470 x 1000 mm |
| Shipping Weight | 261 lbs. | 119 kgs. |

Specifications subject to change without notice.

- ◆ Maximum width of bevel 15 mm
- ◆ Self feeding material system
- ◆ "Can opener" style plate beveler
- ◆ Unique stand that can manipulate machine easily to compensate for uneven floors or deformed metal
- ◆ Stand allows machine to be rotated 180°
- ◆ Automatic feeding
- ◆ 15–50° variable angle
- ◆ Material thickness 6–40 mm
- ◆ Portable
- ◆ 220V 3-phase



| OPTIONAL TOOLING | |
|--------------------|--------------------------------------|
| SKU | Description |
| Replacement Blades | |
| 1008493 | Premium TiN Coated Cutter for CM15DS |
| 1011098 | Non-coated cutter for CM-15DS |

Plate Bevelers – CM-50DS

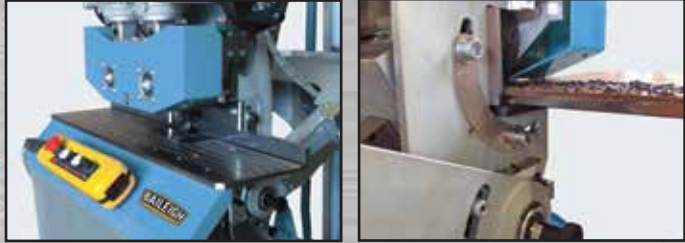
| OPTIONAL TOOLING | |
|------------------|--|
| SKU | Description |
| 1008490 | Package of 10 Milling head inserts for CM-50DS |
| 1008494 | Milling head for CM-50DS, Includes Screws (Does Not Include Inserts) |
| 1008492 | Milling head Insert Screws for CM-50DS, 10 Per package |



- ◆ Maximum width of bevel 62 mm/15°, 50 mm/45°
- ◆ Great for steel, stainless and aluminum
- ◆ Double sided
- ◆ Unique stand that can manipulate machine easily to compensate for uneven floors or deformed metal
- ◆ Stand allows machine to be rotated 180°
- ◆ Automatic feeding
- ◆ 15–60° variable angle
- ◆ Material thickness 7–40 mm
- ◆ Includes support table for small material
- ◆ Portable
- ◆ 220V 3-phase

| SPECIFICATIONS – CM-50DS | | |
|---------------------------------|----------------------|----------------------|
| Max. Bevel Width (15°) | 2.44" | 62 mm |
| Max. Bevel Width (45°) | 2" | 50 mm |
| Bevel Angle | 15° to 60° Variable | |
| Material Thickness | .275" to 2.75" | 7 mm to 70 mm |
| Min. Material Dim. | 7.8" x 3.93" x 2.75" | 200 x 100 x 7 mm |
| Max. Material Thickness | 3" | 76 mm |
| Cutting Speed | 0–3.9 F/min. | 0–1.2 m /min. |
| Cutting Motor | 5.25 hp | |
| Feeding Motor | 1/8 hp | |
| Milling Head | 3.34" with 5 Inserts | 85 mm with 5 Inserts |
| Shipping Dimensions (L x W x H) | 33" x 49" x 62" | 825 x 1225 x 1550 mm |
| Shipping Weight | 640 lbs. | 291 kgs. |

Specifications subject to change without notice.



Welders – BW-200S

SPECIFICATIONS – BW-200S

| | |
|-------------------------|---------------------------------------|
| Cooling System | Fan Cooled |
| Maximum Current | 200 Amps |
| Power | Dual Voltage - 120V/230V Single Phase |
| Rated Input Current | 20A (120V) / 40A (230V) |
| Rated Input Capacitance | 4.4KVA (120V) / 9.2KVA (230V) |
| No-Load Voltage | 78V (120V) / 78V (230V) |
| Rated Working Voltage | 23V (120V) / 28V (230V) |
| Welding Current | 15~75A (120V) / 12~200A (230V) |
| Rated Duty Cycle | 100% (120V) / 15% (230V) |
| 100% Rated Duty Cycle | 77A (120V) / 77A (230V) |
| Efficiency | 85% |
| Power Factor | 0.75 |
| Insulation Class | H |
| Enclosure Protection | IP21S |
| Certification | CSA UL |
| Shipping Dimensions | 18" x 10" x 14" |
| Shipping Weight | 37.5 lbs. |

Specifications subject to change without notice.

Special Notes: Includes electrode holder, ground clamp, 6-50P 250V plug, and adaptor to 120V plug.

- ◆ Portable IGBT inverter stick welder
- ◆ Dual voltage can run on 120 volt or 230 volt single-phase power
- ◆ Intelligent voltage sensing – this welder knows what voltage it is plugged into and (when plugged into 120V) will limit the output of the welder
- ◆ Step-less current adjustment – adjustments are infinite and do not “click” between only a few options
- ◆ Thermal overload protected, will shut down welding if its temperature is too high
- ◆ Fan cooled
- ◆ Anti-Stick / Hot Start - automatically increases output at the beginning of a weld to pre-heat the weld and electrode
- ◆ Arc force, keeps arc more stable, with less sticking, when the electrode is close
- ◆ Lift ARC TIG capable – torch not included
- ◆ High open circuit voltage
- ◆ Generator safe and will tolerate large voltage variations
- ◆ Includes electrode holder, ground clamp, 6-50P 250V plug, and adaptor to 120V plug



Welders – BW-160M

- ◆ IGBT Inverter MIG welder
- ◆ Dual voltage can run on 120 volt or 230 volt single-phase power
- ◆ Step-less amp/volt adjustment
- ◆ Thermal overload protected
- ◆ Fan cooled
- ◆ Generator safe
- ◆ Gas/gasless capable
- ◆ Includes MIG torch, ground clamp, 6-50P 250V plug, adaptor to 120V plug, and gas hose with regulator



| SPECIFICATIONS – BW-160M | |
|---------------------------------|---------------------------------------|
| Cooling System | Fan Cooled |
| Maximum Current | 160 Amps |
| Power | Dual Voltage – 120V/230V Single Phase |
| Rated Input Current | 20A (120V) / 28A (230V) |
| Rated Input Capacitance | 46.9KVA (120V) / 8.3KVA (230V) |
| No-Load Voltage | 54V (120V) / 54V (230V) |
| Rated Working Voltage | 18.5V (120V) / 22V (230) |
| Welding Current | 30~90A (120V) / 30~160A (230V) MIG |
| Rated Duty Cycle | 40% (120V) / 20% (230V) |
| 100% Rated Duty Cycle | 57A (120V)/ 72A 230V) |
| Efficiency | 85% |
| Power Factor | 0.75 |
| Insulation Class | H |
| Enclosure Protection | IP21S |
| Certification | CSA UL |
| Shipping Dimensions (L x W x H) | 26" x 13" x 18" |
| Shipping Weight | 22 lbs. |

Specifications subject to change without notice.

Welders – BW-200T

SPECIFICATIONS – BW-200T

| | |
|--------------------------------|---|
| Cooling System | Fan Cooled |
| Maximum Current | 200 Amps |
| Power | Dual Voltage - 120V/230V Single Phase |
| Rated Input Current | 20A (120V) / 31A (230V) |
| Rated Input Capacitance | 2.4KVA (120V) / 7.1KVA (230V) |
| No-Load Voltage | 65V (120V) / 65V (230V) |
| Rated Working Voltage | 22.6 (120V) / 26.4 (230V) |
| Efficiency | 80% |
| Power Factor | 0.8 |
| Insulation Class | F |
| Enclosure Protection | IP21S |
| MMA Rated Current | 20A~65A (120V) / 20A~160A (230V) |
| TIG Arc Way | HF (120V) / HF (230V) |
| Rated Current (DC TIG) | 10A~95A (120V) / 10A~200A (230V) |
| Peak Current (DC Pulse TIG) | 10A~95A (120V) / 10A~200A (230V) |
| Base Current (DC Pulse TIG) | 50% Peak Current (120V) / 50% Peak Current (230V) |
| Duty Cycle (DC Pulse TIG) | 40% (120V) / 35% (230V) |
| Pulse Frequency (DC TIG) | 0.2Hz~200Hz (120V) / 0.2Hz~200Hz (230V) |
| Rated Current (AC TIG) | 20A~95A (120V) / 20A~200A (230V) |
| Frequency (AC TIG) | 50Hz~150Hz (120V) / 50Hz~150Hz (230V) |
| Balance (AC TIG) | 50%~85% (120V) / 50%~85% (230V) |
| Peak Current (AC Pulse TIG) | 20A~95A (120V) / 20A~200A (230V) |
| Base Current (AC Pulse TIG) | 50% Peak Current (120V) / 50% Peak Current (230V) |
| Frequency (AC Pulse TIG) | 50Hz~150Hz (120V) / 50Hz~150Hz (230V) |
| Balance (AC Pulse TIG) | 50%~85% (120V) / 50%~85% (230V) |
| Pulse Frequency (AC Pulse TIG) | 0.2Hz~20Hz (120V) / 0.2Hz~20Hz (230V) |
| Duty Cycle (AC Pulse TIG) | 40% (120V) / 35% (230V) |
| Certification | CSA UL |
| Shipping Dimensions | 20" x 10" x 17" |
| Shipping Weight | 43 lbs. |

Specifications subject to change without notice.

- ◆ IGBT inverter
- ◆ Dual voltage can run on 120 volt or 230 volt single-phase power
- ◆ AC/DC
- ◆ Remote adjustment
- ◆ Pulse ratio and frequency
- ◆ Peak / base current
- ◆ Variable AC frequency / balance
- ◆ Thermal overload protected
- ◆ Fan cooled (on demand)
- ◆ Tig / Stick / Lift Arc
- ◆ 2 /4 step
- ◆ Pre / Post gas flow
- ◆ Up / down slope
- ◆ Variable arc force
- ◆ Generator safe
- ◆ Includes TIG torch, ground clamp, 6-50P 250V plug, adaptor to 120V plug, gas hose with regulator, and foot pedal



Welders – BW-200MP

- ◆ IGBT inverter technology requires 25% less input power and delivers consistent power output
- ◆ Dual voltage can run on 120 volt or 230 volt single-phase power
- ◆ LCD control screen provides quick and easy setup with save for future setup mode
- ◆ Preforms MIG and flux core welding 40–140 amps (120V) and 40–200 amps (230V); TIG welding up to 180 amps; stick welding up to 180 amps
- ◆ Built-in, adjustable spot timer adds versatility
- ◆ Synergic wire diameter and material thickness settings makes for easy work
- ◆ Infinite wire feed speed control allows user to adjust the voltage and current accurately
- ◆ ARC force (MMA)
- ◆ Hot start (MMA)
- ◆ 2T/4T (trigger lock off/ trigger lock on)
- ◆ Generator safe
- ◆ Includes 10ft. spool gun, electrode holder, TIG torch, MIG torch, ground clamp, gas regulator w/hoses, 6-50P 250V plug, and adaptor to 120V plug



| SPECIFICATIONS – BW-200MP | |
|---------------------------|---------------------------------------|
| Cooling System | Fan Cooled |
| Maximum Current | 200 Amps |
| Power | Dual Voltage - 120V/230V Single Phase |
| Rated Input Current | 20A (120V) / 36A (230V) |
| Rated Input Capacitance | 3.5KVA (120V) / 8.6KVA (230V) |
| No-Load Voltage | 69V (120V) / 69V (230V) |
| Rated Working Voltage | 18.5V (120V) / 24V (230V) |
| MMA Welding Current | 10A~70A (120V) / 10A~180A (230V) |
| LIFT Welding Current | 10A~70A (120V) / 10A~180A (230V) |
| MIG Welding Current | 40A~90A (120V) / 40A~120A (230V) |
| Rated Duty Cycle | 40% (120V) / 20% (230V) |
| 100% Rated Duty Cycle | 57A (120V) / 89A (230V) - 10 Minutes |
| Efficiency | 85% |
| Power Factor | 0.75 |
| Insulation Class | F |
| Enclosure Protection | IP21S |
| Certification | CSA UL |
| Shipping Dimensions | 26" x 13" x 18" |
| Shipping Weight | 38 lbs. |

Specifications subject to change without notice.

Welding Positioners – WP-1800B

| SPECIFICATIONS – WP-1800B | |
|---------------------------------|---|
| Speed | 0 – 6 rpm (Variable) |
| Thru Hole (Material OD) | 2.25" 57.15 mm |
| Chuck Capacity | 1/4" OD – 12" ID 6.35 OD – 305 ID mm |
| Chuck Size Three Jaw | 8" 203 mm |
| Maximum Current | 300 Amps |
| Weight Capacity–Vertical | 250 lbs. (113 kgs.) |
| Weight Capacity–Horizontal | 125 lbs. (57 kgs.) 6" from Chuck |
| Weight Capacity–Angled | 100 lbs. (45 kgs.) 6" from Chuck |
| Drive | Automatic / Manual |
| Power | 110V, 60hz, 15A |
| Motor | 220V, 1/8 Hp (90W) |
| Shipping Dimensions (L x W x H) | 48" x 31" x 31" 1220 mm x 787 mm x 787 mm |
| Shipping Weight | 150 lbs. 68 kgs. |

Specifications subject to change without notice.

- ◆ Bench top design
- ◆ Variable speed
- ◆ Automatic and manual modes
- ◆ Foot pedal controlled
- ◆ 1/4" OD to 12" ID capacity
- ◆ 0 to 90° tilt
- ◆ 300 Amp maximum
- ◆ 2-1/4" thru-hole
- ◆ 110 volt



Welding Positioners – WP-1800F



| SPECIFICATIONS – WP-1800F | | |
|---------------------------------|----------------------------------|-----------------------------|
| Speed | 0 – 6 rpm (Variable) | |
| Thru Hole (Material OD) | 2.25" | 57.15 mm |
| Chuck Capacity | 1/4" OD – 12" ID | 6.35 OD – 305 ID mm |
| Chuck Size Three Jaw | 8" | 203 mm |
| Maximum Current | 300 Amps | |
| Weight Capacity–Vertical | 250 lbs. (113 kgs.) | |
| Weight Capacity–Horizontal | 200 lbs. (91 kgs.) 6" from Chuck | |
| Weight Capacity–Angled | 150 lbs. (68 kgs.) 6" from Chuck | |
| Drive | Automatic / Manual | |
| Power | 110V, 60hz, 15A | |
| Motor | 220V, 1/8 Hp (90W) | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 mm x 1118 mm x 1727 mm |
| Shipping Weight | 400 lbs. | 181 kgs. |

Specifications subject to change without notice.

- ◆ Variable speed
- ◆ Automatic and manual modes
- ◆ Foot pedal controlled
- ◆ 1/4" OD to 12" ID capacity
- ◆ 300 Amp maximum
- ◆ 2-1/4" thru-hole
- ◆ Integrated rolling cabinet
- ◆ 110 volt

Turning Roll Positioners – RWP-55

| SPECIFICATIONS – RWP-55 | | |
|---------------------------------|-----------------|----------------------------|
| Maximum Load Capacity | 9,900 lbs. | 4500 kgs. |
| Minimum Diameter | 9.8" | 250 mm |
| Maximum Diameter | 90" | 2300 mm |
| Rotation Speed | 3.93–39.36 ipm | 100–1000 mppm |
| Total Rollers | 4 | |
| Drive Rollers | 2 | |
| Rubber Roller Diameter | 9.8" | 250 mm |
| Rubber Roller Width | 3.93" | 100 mm |
| Steel Roller Diameter | 9.44" | 240 mm |
| Steel Roller Width | .78" | 20 mm |
| Speed Control | AC Inverter | |
| Number of Motors | 2 | |
| Motor KW | 0.37 | |
| Shipping Dimensions (L x W x H) | 69" x 30" x 44" | 1750 mm x 750 mm x 1100 mm |
| Total Weight of Unit | 1,320 lbs. | 600 kgs. |

Specifications subject to change without notice.

- ◆ 5.5 ton capacity
- ◆ Perfect for welding, polishing, glue-lining, and assembling
- ◆ Wireless controller
- ◆ Dual drive wheels
- ◆ Dual idler wheels
- ◆ AC inverter driven
- ◆ Self-aligning
- ◆ Conventional style with rubber drive wheels
- ◆ 220V 3-phase



Turning Roll Positioners – RWP-110

- ◆ 11 ton capacity
- ◆ Perfect for welding, polishing, glue-lining, and assembling
- ◆ Wireless controller
- ◆ Dual drive wheels
- ◆ Dual idler wheels
- ◆ AC inverter driven
- ◆ Self-aligning
- ◆ Conventional style with rubber drive wheels
- ◆ 220V 3-phase



| SPECIFICATIONS – RWP-110 | | |
|---------------------------------|-----------------|----------------------------|
| Maximum Load Capacity | 19,800 lbs. | 9,000 kgs. |
| Minimum Diameter | 12.5" | 320 mm |
| Maximum Diameter | 110" | 2800 mm |
| Rotation Speed | 3.93–39.36 ipm | 100–1000 mmpm |
| Total Rollers | 4 | |
| Drive Rollers | 2 | |
| Rubber Roller Diameter | 11.8" | 300 mm |
| Rubber Roller Width | 4.72" | 120 mm |
| Steel Roller Diameter | 11.4" | 290 mm |
| Steel Roller Width | 1" | 25 mm |
| Speed Control | AC Inverter | |
| Number of Motors | 2 | |
| Motor KW | 0.55 | |
| Shipping Dimensions (L x W x H) | 77" x 32" x 78" | 1950 mm x 800 mm x 1200 mm |
| Total Weight of Unit | 1,606 lbs. | 730 kgs. |

Specifications subject to change without notice.



Turning Roll Positioners – RWP-220

SPECIFICATIONS – RWP-220

| | | |
|---------------------------------|------------------|----------------------------|
| Maximum Load Capacity | 39,600 lbs. | 18000 kgs. |
| Minimum Diameter | 19.6" | 500 mm |
| Maximum Diameter | 137.7" | 3500 mm |
| Rotation Speed | 3.93–39.36 ipm | 100–1000 mmpm |
| Total Rollers | 4 | |
| Drive Rollers | 2 | |
| Rubber Roller Diameter | 13.7" | 350 mm |
| Rubber Roller Width | 4.7" | 120 mm |
| Steel Roller Diameter | 13.3" | 340 mm |
| Steel Roller Width | 1.18" | 30 mm |
| Speed Control | AC Inverter | |
| Number of Motors | 2 | |
| Motor KW | 1.1 | |
| Shipping Dimensions (L x W x H) | 103" x 33" x 58" | 2600 mm x 830 mm x 1450 mm |
| Total Weight of Unit | 3,300 lbs. | 1500 kgs. |

Specifications subject to change without notice.

- ◆ 22 ton capacity
- ◆ Perfect for welding, polishing, glue-lining, and assembling
- ◆ Dual drive wheel
- ◆ Dual idler wheels
- ◆ Wireless controller
- ◆ AC inverter driven
- ◆ Self-aligning
- ◆ Conventional style with rubber drive wheels
- ◆ 220V 3-phase



Turning Roll Positioners RWP-440

- ◆ 44 ton capacity
- ◆ Perfect for welding, polishing, glue-lining, and assembling
- ◆ Dual drive wheel
- ◆ Dual idler wheels
- ◆ Wireless controller
- ◆ AC inverter driven
- ◆ Self-aligning
- ◆ Conventional style with rubber drive wheels
- ◆ 220V 3-phase

| SPECIFICATIONS – RWP-440 | | |
|---------------------------------|------------------|-----------------------------|
| Maximum Load Capacity | 79,200 lbs. | 36,000 kgs. |
| Minimum Diameter | 23.6" | 600 mm |
| Maximum Diameter | 165.3" | 4200 mm |
| Rotation Speed | 3.93–39.36 ipm | 100–1000 mmpm |
| Total Rollers | 4 | |
| Drive Rollers | 2 | |
| Rubber Roller Diameter | 15.7" | 400 mm |
| Rubber Roller Width | 4.7" | 120 mm |
| Steel Roller Diameter | 15.3" | 390 mm |
| Steel Roller Width | 1.57" | 40 mm |
| Speed Control | AC Inverter | |
| Number of Motors | 2 | |
| Motor KW | 1.5 | |
| Shipping Dimensions (L x W x H) | 122" x 41" x 63" | 3100 mm x 1030 mm x 1600 mm |
| Total Weight of Unit | 5,500 lbs. | 2,500 kgs. |

Specifications subject to change without notice.



Welding Positioners – WP-450 / WP-750

| SPECIFICATIONS – WP-450 | | |
|---------------------------------|------------------|--------------------------|
| Vertical Capacity | 484 lbs. | 220 kgs. |
| Horizontal Capacity | 242 lbs | 110 kgs. |
| Range of Movement | 0 to 135 Degrees | |
| Speed | 0.4 to 4 rpm | |
| Turntable Size | 13" | 330 mm |
| Drive | Foot Pedal | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 24" x 24" x 24" | 610 mm x 610 mm x 610 mm |
| Shipping Weight | 140 lbs. | 64 kgs. |

Specifications subject to change without notice.

- ◆ Table capacity 484 lbs
- ◆ 110V
- ◆ Foot pedal operated
- ◆ Easy to use manual tilt
- ◆ 135° of tilt
- ◆ 13" turn table
- ◆ Protected for up to 500 amps. (intermittent)



WP-450

- ◆ Table capacity 770 lbs
- ◆ Variable speed
- ◆ 110V
- ◆ Foot pedal operated
- ◆ Easy to use manual tilt
- ◆ 135° of tilt
- ◆ 13" turn table
- ◆ Protected for up to 500 amps.

| SPECIFICATIONS – WP-750 | | |
|---------------------------------|------------------|--------------------------|
| Vertical Capacity | 770 lbs. | 350 kgs. |
| Horizontal Capacity | 385 lbs | 175 kgs. |
| Range of Movement | 0 to 135 Degrees | |
| Speed | 0.3 to 4 rpm | |
| Turntable Size | 13" | 330 mm |
| Drive | Foot Pedal | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 36" x 36" x 24" | 915 mm x 915 mm x 610 mm |
| Shipping Weight | 170 lbs. | 77 kgs. |

Specifications subject to change without notice.



WP-750

Welding Positioners – WP-1100

- ◆ Table capacity 1,100 lbs
- ◆ Variable speed
- ◆ 110V
- ◆ Foot pedal operated
- ◆ Easy to use manual tilt
- ◆ 135° of tilt
- ◆ 19.5" turn table
- ◆ Protected for up to 500 amps. (intermittent)

| SPECIFICATIONS – WP-1100 | | |
|---------------------------------|-------------------------|----------------------------|
| Vertical Capacity | 1,100 lbs. | 500 kgs. |
| Horizontal Capacity | 550 lbs | 250 kgs. |
| Range of Movement | 0 to 135 Degrees | |
| Speed | 0.2 to 2 rpm (Variable) | |
| Turntable Size | 19" | 500 mm |
| Drive | Foot Pedal | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 48" x 48" x 36" | 1220 mm x 1220 mm x 915 mm |
| Shipping Weight | 370 lbs. | 168 kgs. |

Specifications subject to change without notice.



Welding Positioners – WP-1650

| SPECIFICATIONS – WP-1650 | | |
|--------------------------|-------------------------|----------|
| Vertical Capacity | 825 lbs. | 375 kgs. |
| Horizontal Capacity | 1,650 lbs | 375 kgs. |
| Range of Movement | 0 to 135 Degrees | |
| Speed | 0.1 to 1 rpm (Variable) | |
| Turntable Size | 23.5" | 600 mm |
| Drive | Foot Pedal | |
| Power Requirements | 220V Single Phase | |

Specifications subject to change without notice.

- ◆ Table capacity 1,650 lbs
- ◆ Variable speed
- ◆ 220V single phase
- ◆ Foot pedal operated
- ◆ Easy to use manual tilt
- ◆ 135° of tilt
- ◆ 23.5" turntable
- ◆ Protected up to 500 amps



Welding Positioners – WP-2200



| SPECIFICATIONS – WP-2200 | | |
|--------------------------|------------------------------|-----------|
| Vertical Capacity | 1,100 lbs. | 500 kgs. |
| Horizontal Capacity | 2,200 lbs | 1000 kgs. |
| Range of Movement | 0 to 135 Degrees (Automatic) | |
| Speed | 0.05 to .5 rpm (Variable) | |
| Turntable Size | 27.5" | 700 mm |
| Drive | Foot Pedal | |
| Power Requirements | 220V 3 phase | |

Specifications subject to change without notice.

- ◆ Table capacity 2,200 lbs
- ◆ Variable speed
- ◆ 220V 3 phase
- ◆ Foot pedal operated
- ◆ Easy to use automatic tilt
- ◆ 135° of tilt
- ◆ 27.5" turntable
- ◆ Protected up to 500 amps

Welding Positioners – WP-4400

| SPECIFICATIONS – WP-4400 | | |
|--------------------------|------------------------------|-----------|
| Vertical Capacity | 2,200 lbs. | 1000 kgs. |
| Horizontal Capacity | 4,400 lbs | 2000 kgs. |
| Range of Movement | 0 to 135 Degrees (Automatic) | |
| Speed | 0.03 to .3 rpm (Variable) | |
| Turntable Size | 35.4" | 900 mm |
| Drive | Foot Pedal | |
| Power Requirements | 220V 3 phase | |

Specifications subject to change without notice.

- ◆ Table capacity 4,400 lbs
- ◆ Variable speed
- ◆ 220V 3 phase
- ◆ Foot pedal operated
- ◆ Easy to use automatic tilt
- ◆ 135° of tilt
- ◆ 35.4" turntable
- ◆ Protected up to 500 amps



Welding Positioners – WP-11000



| SPECIFICATIONS – WP-11000 | | |
|---------------------------|------------------------------|-----------|
| Vertical Capacity | 5,500 lbs. | 2500 kgs. |
| Horizontal Capacity | 11,000 lbs | 2000 kgs. |
| Range of Movement | 0 to 135 Degrees (Automatic) | |
| Speed | 0.02 to .2 rpm (Variable) | |
| Turntable Size | 51 | 1300 mm |
| Drive | Handheld | |
| Power Requirements | 220V 3 phase | |

Specifications subject to change without notice.

- ◆ Table capacity 11,000 lbs
- ◆ Variable speed
- ◆ 220V 3 phase
- ◆ Easy to use automatic tilt
- ◆ 135° of tilt
- ◆ 51" turntable
- ◆ Protected up to 500 amps

Welding Jig Tables – WJT-3939

SPECIFICATIONS – WJT-3939

| | | |
|-----------------------------|------------|-----------------|
| Working Table Size | 39" x 39" | 100 mm x 100 mm |
| Table Load Capacity | 2 tons | |
| Table Height | 33.5" | 850 mm |
| Table Flatness | +/- .0025" | |
| Number of Mounting Surfaces | 1 | |
| Mounting Hole Size | 1.10" | 28 mm |
| Mounting Hole Spacing | 3.39" | 100 mm |
| Shipping Weight | 640 lbs. | 290 kgs. |

Specifications subject to change without notice.

- ◆ 39" x 39" table
- ◆ Made from Q345 steel
- ◆ Brinell hardness 140-160
- ◆ Single mounting surface
- ◆ 2 ton weight capacity
- ◆ Industry standard 28mm mounting holes
- ◆ 100mm hole spacing
- ◆ Etched position marks



Welding Jig Tables – WJT-4747-HD



| SPECIFICATIONS – WJT-4747-HD | | |
|------------------------------|------------|-------------------|
| Working Table Size | 47" x 47" | 1200 mm x 1200 mm |
| Table Load Capacity | 2 tons | |
| Table Height | 33.5" | 850 mm |
| Table Flatness | +/.0025" | |
| Number of Mounting Surfaces | 5 | |
| Mounting Hole Size | 1.10" | 28 mm |
| Mounting Hole Spacing | 3.93" | 100 mm |
| Shipping Weight | 1,320 lbs. | 600 kgs. |

Specifications subject to change without notice.

- ◆ 47" x 47" table
- ◆ Made from Q345 steel
- ◆ Brinell hardness 140-160
- ◆ 5 mounting surfaces
- ◆ 2 ton weight capacity
- ◆ Industry standard 28mm mounting holes
- ◆ 100mm hole spacing
- ◆ Etched position marks



Welding Jig Tables – WJT-7839-HD

| SPECIFICATIONS – WJT-7839-HD | | |
|------------------------------|------------|-------------------|
| Working Table Size | 78" x 39" | 2000 mm x 1000 mm |
| Table Load Capacity | 2 tons | |
| Table Height | 33.5" | 850 mm |
| Table Flatness | +/- .0025" | |
| Number of Mounting Surfaces | 5 | |
| Mounting Hole Size | 1.10" | 28 mm |
| Mounting Hole Spacing | 3.93" | 100 mm |
| Shipping Weight | 1,430 lbs. | 650 kgs. |

Specifications subject to change without notice.

- ◆ 78" x 39" table
- ◆ Made from Q345 steel
- ◆ Brinell hardness 140-160
- ◆ 5 mounting surface
- ◆ Expandable
- ◆ 2 ton weight capacity
- ◆ Industry standard 28mm mounting holes
- ◆ 100mm hole spacing
- ◆ Etched position marks



Accessory Kit – WJT-AK43

The WJT-AK43 43 piece welding jig table accessory kit is the perfect starter set for the Baileigh Industrial line of welding tables. Shown is a list of the included tooling. For further information call us at 920-482-3230

| | | | | | |
|----------------------------------|---|--|---|---|---|
| 1. Locating Angle Square (D28) | 4 | 6. Flat Head Quick Locking Pin (D28) | 4 | 11. Toggle Clamp with Square Base (D28) | 2 |
| 2. Locating Angle Square (D28) | 4 | 7. Fixed Clamping Piece (D28) | 2 | 12. Hexagonal Wrenches—not shown | |
| 3. Locating Leveling Ruler (D28) | 2 | 8. Adjustable Clamping Piece (D28) | 2 | 13. Nylon Brushes | 3 |
| 4. V-Shape Locating Piece (D28) | 2 | 9. 45 Degree Inclined Handle (D28) | 2 | 14. Oil Stone—not shown | |
| 5. Wrench Locking Pin (D28) | 6 | 10. Clamping Piece with Round Base (D28) | 2 | 15. Oil Pot | |



Fume Extractors – FE-850

| SPECIFICATIONS – FE-850 | | |
|---------------------------------|------------------------|-----------------------|
| CFM | 850 | |
| Filter System | 4 Stage | |
| Stage 1 Filter | Stainless Mesh | |
| Stage 1 Filter Size | 21.8" x 11.6" | 554 x 295 mm |
| Stage 2 Filter | Aluminum Mesh | |
| Stage 2 Filter Size | 21.25" x 17.25" x 7/8" | 540 x 440 x 22 mm |
| Stage 3 Filter | Pre-Pleated Filter | |
| Stage 3 Filter Size | 23.3" x 23.3" x 1.5" | 595 x 595 x 45 mm |
| Stage 4 Filter | HEPA | |
| Stage 4 Filter Size | 24" x 24" x 11.5" | 593 x 593 x 300 mm |
| Fume Arm | 6" x 10' | 152 x 3050 mm |
| Motor | 1.5 hp | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 47" x 29.4" x 33.5" | 1203 x 746 x 850.2 mm |
| Shipping Weight | 590 lbs. | 268 kgs. |

Specifications subject to change without notice.

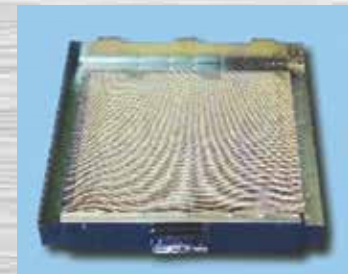
- ◆ Heavy duty welding fume extractor
- ◆ 6" x 10' extractor arm
- ◆ 1.5 hp
- ◆ 850 CFM
- ◆ 4 stage filter
 1. Stainless steel mesh
 2. Aluminum mesh
 3. Pre-pleated filter
 4. HEPA filter
- ◆ Portable
- ◆ Full steel construction
- ◆ CSA – U.S. certified
- ◆ Tool-less filter maintenance
- ◆ 110V



HEPA Filter



Aluminum Filter



Stainless Filter



Pre-pleated Filter

Fume Extractors – FE-1200



Aluminum Filter



HEPA Filter



Chip Tray



| SPECIFICATIONS – FE-1200 | | |
|---------------------------------|--|-----------------------------|
| CFM | 1110 | |
| Filter System | 3 Stage | |
| Stage 1 Filter | Aluminum Mesh | |
| Stage 1 Filter Size | 21.2" x 17.3" x 0.87" | 540 x 440 x 22 mm |
| Stage 2 Filter | Polyester Teflon Coated Cartridge with Pulse Clean | |
| Stage 2 Filter Size | Ø11.2" x 13" L | Ø385 x 330 mm L |
| Stage 3 Filter | HEPA | |
| Stage 3 Filter Size | 18" x 20" x 5.9" | 457 x 508 x 150 mm |
| Required Air Supply | 60 – 90psi (For Pulse Clean Feature) | |
| Motor | 1.5 hp | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 88.3" x 53.2" x 73.6" | 2241.5 x 1350.9 x 1870.9 mm |
| Shipping Weight | 1,742 lbs. | 790 kgs. |

Specifications subject to change without notice.

- ◆ Heavy duty welding fume extractor
- ◆ 8" x 10' extractor arm
- ◆ 1.5 hp
- ◆ 1110 CFM
- ◆ 3 stage filter
 1. Fire resistant aluminum filter
 2. Pulse clean canister filter system (air supply required)
 3. HEPA filter
- ◆ Portable
- ◆ Full steel construction
- ◆ CSA – U.S. certified
- ◆ Tool-less filter maintenance
- ◆ 110V

Magnetic Drills – MD-3510 / MD-5015

SPECIFICATIONS – MD-3510

| | | |
|-------------------------|-------------|----------------|
| Maximum Stroke | 5.9" | 150mm |
| Annular Cutter Capacity | 1.37" | 35mm |
| Cutter Depth | 1.96" | 50mm |
| Twist Drill Capacity | 1/16" to 1" | 1.5mm – 25.4mm |
| Spindle Holder | 3/4" | 19mm |
| No Load RPM | 700 | |
| Magnetic Adhesion | 10000N | |
| Power Requirements | 110V 60hz | |
| Shipping Weight | 40 lbs. | 18 kgs |

Specifications subject to change without notice.

- ◆ 1-3/8" maximum cutter capacity
- ◆ 2" maximum cutter depth
- ◆ Gravity coolant system
- ◆ 700 RPM
- ◆ 3/4" spindle
- ◆ 5.9" stroke
- ◆ 110V

- ◆ 2" maximum cutter capacity
- ◆ 3" maximum cutter depth
- ◆ Gravity coolant system
- ◆ Two speed with reverse
- ◆ 3/4" spindle
- ◆ 6.69" stroke
- ◆ 110V

SPECIFICATIONS – MD-5015

| | | |
|-------------------------|--------------|----------------|
| Maximum Stroke | 6.69" | 170 mm |
| Annular Cutter Capacity | 1/2" – 2" | 12 mm – 50 mm |
| Cutter Depth | 3" | 75 mm |
| Twist Drill Capacity | 3/32" – 5/8" | 2.5 mm – 16 mm |
| Spindle Holder | MT3 | |
| No Load RPM (low/high) | 250/450 | |
| Magnetic Adhesion | 15000N | |
| Power Requirements | 110V 60hz | |
| Shipping Weight | 75 lbs. | 34 kgs. |

Specifications subject to change without notice.

OPTIONAL TOOLING

| SKU | Description |
|---------|--|
| 1000330 | 9/16" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank |
| 1000331 | 11/16" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank |
| 1000332 | 13/16" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank |
| 1000333 | 15/16" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank |
| 1000334 | 1" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank |
| 1000335 | 1-1/16" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank |
| 1000336 | 2" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank |
| 1000337 | Complete Set of 6 TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank. |



Belt Driven Drill Presses – DP-3814B



| SPECIFICATIONS – DP-3814B | | |
|--------------------------------|---------------------|-------------------|
| Drilling Capacity | 5/8" | 16mm |
| Chuck Size | B16 .03" – .625" | B16 1-16mm |
| Column Diameter | 2-3/4" | 70mm |
| Spindle Taper | B16 | |
| Spindle Travel | 3-1/2" | 88mm |
| Swing | 14" | 178mm |
| Max. Distance Spindle to Table | 11-1/2" | 290mm |
| Max. Distance Spindle to Base | 19-5/8" | 500mm |
| Number of Spindle Speeds | 5 | |
| Range of Spindle Speeds (RPM) | 250–2900 | |
| Table Size | 9" x 10-1/4" | 230 x 260mm |
| Base Size | 18-3/4" x 12-1/2" | 475 x 315mm |
| Table Tilt | L or R 45° | |
| Table Material | Cast Iron | |
| Head Stock Material | Cast Iron | |
| Machine Overall Dim. | 26-1/4"x13"x38-1/4" | 670 x 330 x 970mm |
| Motor HP | 1/2 hp | |
| Power | 110V, 60Hz | |

Specifications subject to change without notice.

- ◆ Benchtop drill press
- ◆ 5/8" capacity
- ◆ 14" swing
- ◆ 5 speeds
- ◆ 110V

Belt Driven Drill Presses – DP-4016B

SPECIFICATIONS – DP-4016B

| | | |
|--------------------------------|---------------------|-----------------|
| Drilling Capacity | 1" | 25 mm |
| Chuck Size | B16 .03" – .625" | B16 1–16 mm |
| Column Diameter | 2-3/4" | 70 mm |
| Spindle Taper | MT-2 | |
| Spindle Travel | 4" | 100 mm |
| Swing | 16" | 203 mm |
| Max. Distance Spindle to Table | 9-3/4" | 250 mm |
| Max. Distance Spindle to Base | 19-5/8" | 500 mm |
| No. of Spindle Speeds | 5 | |
| Spindle Speeds | 250–2900 rpm | |
| Table Size | 9" x 10-1/4" | 245 x 285 mm |
| Base Size | 20-1/2" x 13-1/4" | 520 x 335 mm |
| Table Tilt | L or R 45° | |
| Table Height Adjust. | Yes | |
| Table Material | Cast Iron | |
| Head Stock Material | Cast Iron | |
| Machine Overall Dimension | 10-3/4"x16-1/4"x41" | 720x410x1040 mm |
| Motor HP | 1/2 hp | |
| Power | 110V, 60 Hz | |

Specifications subject to change without notice.

- ◆ Benchtop drill press
- ◆ 1" capacity
- ◆ 16" swing
- ◆ 5 speeds
- ◆ 110V



Belt Driven Drill Presses – DP-4016B-VS



| SPECIFICATIONS – DP-4016B-VS | | |
|--------------------------------|---------------------|-----------------|
| Drilling Capacity | 1" | 25 mm |
| Chuck Size | B16 .03" – .625" | B16 1–16 mm |
| Column Diameter | 2-3/4" | 70 mm |
| Spindle Taper | MT-2 | |
| Spindle Travel | 4" | 100 mm |
| Swing | 16" | 203 mm |
| Max. Distance Spindle to Table | 9-3/4" | 250 mm |
| Max. Distance Spindle to Base | 19-5/8" | 500 mm |
| No. of Spindle Speeds | 2 (High/Low) | |
| Spindle Speeds | 250–2900 rpm | |
| Spindle Drive | Inverter | |
| Table Size | 9" x 10-1/4" | 245 x 285 mm |
| Base Size | 20-1/2" x 13-1/4" | 520 x 335 mm |
| Table Tilt | L or R 45° | |
| Table Height Adjust. | Yes | |
| Table Material | Cast Iron | |
| Head Stock Material | Cast Iron | |
| Machine Overall Dimension | 10-3/4"x16-1/4"x41" | 720x410x1040 mm |
| Motor HP | 1/2 hp | |
| Power | 110V, 60 Hz | |

Specifications subject to change without notice.

- ◆ Benchtop drill press
- ◆ Inverter driven variable speed
- ◆ 1" capacity
- ◆ 16" swing
- ◆ 5 speeds
- ◆ 110V

Belt Driven Drill Presses – DP-0625E / DP-1000E

SPECIFICATIONS – DP-0625E

| | | |
|---------------------------------|-----------------|-------------------|
| Drilling Capacity | .625" | 16 mm |
| Chuck Size | B16 .03"-.625" | B16 1-16 mm |
| Column Diameter | 2.87" | 73 mm |
| Spindle Travel | 3.14" | 80 mm |
| Swing | 14" | 360 mm |
| Max. Distance Spindle to Table | 35.43" | 900 mm |
| Max. Distance Spindle to Base | 47.63" | 1210 mm |
| Spindle Taper | B16 | |
| No. of Spindle Speeds | 5 | |
| Range of Spindle Speeds | 250-2900 RPM | |
| Base Work Area | 11" x 11" | 280 x 280 mm |
| Base Size | 20.5" x 13" | 520 x 330 mm |
| Table/Base Material | Cast Iron | |
| Head Stock Material | Cast Iron | |
| Overall Height of Mach. | 63.75" | 1620 mm |
| Shipping Dimensions (L x W x H) | 69" x 44" x 24" | 1524x1117x2108 mm |
| Shipping Weight | 275 lbs. | 125 kgs. |
| Power | 110V | |

Specifications subject to change without notice.

- ◆ 5/8" capacity
- ◆ 14" swing
- ◆ 5 speeds
- ◆ Economical
- ◆ 110V



DP-0625E

DP-1000E

SPECIFICATIONS – DP-1000E

| | | |
|---------------------------------|-----------------|------------------|
| Drilling Capacity | 1" | 25 mm |
| Chuck Size | B16 .03"-.625" | B16 1-16 mm |
| Column Diameter | 3.14" | 80 mm |
| Spindle Travel | 3.93" | 100 mm |
| Swing | 16" | 410 mm |
| Max. Distance Spindle to Table | 33.5" | 850 mm |
| Max. Distance Spindle to Base | 43.5" | 1160 mm |
| Spindle Taper | MT2 | |
| No. of Spindle Speeds | 5 | |
| Range of Spindle Speeds | 250-2900 RPM | |
| Base Work Area | 12.6" x 12.6" | 320 x 320 mm |
| Base Size | 23.62" x 15.15" | 600 x 385 mm |
| Table/Base Material | Cast Iron | |
| Head Stock Material | Cast Iron | |
| Overall Height of Mach. | 64.17" | 1630 mm |
| Shipping Dimensions (L x W x H) | 69" x 44" x 24" | 1753x1117x610 mm |
| Shipping Weight | 335 lbs. | 152 kgs. |
| Power | 110V | |

Specifications subject to change without notice.

- ◆ 1" capacity
- ◆ 16" swing
- ◆ 5 speeds
- ◆ MT2 taper
- ◆ 110V

Gear Driven Drill Presses – DP-1000G



| SPECIFICATIONS – DP-1000G | | |
|---------------------------------|-------------------------|---------------------|
| Drill Capacity | 1" | 25 mm |
| Tapping Capacity | 5/8" | 16 mm |
| Spindle Speed | 125, 420, 535, 1740 rpm | |
| Spindle Taper | MT 3 | |
| Spindle Travel | 5.3" | 135 mm |
| Table Dimension (L x W) | 19.75" x 13.75" | 501 mm x 350 mm |
| Base Dimensions (L x W) | 15.5" x 19.5" | 393 mm x 495 mm |
| Motor | 1.5 hp | |
| Power Requirements | 110V | |
| Shipping Dimensions (L x W x H) | 66" x 23" x 29" | 1676 x 584 x 737 mm |
| Shipping Weight | 484 lbs. | 220 kgs. |

Specifications subject to change without notice.

- ◆ 1" through mild steel
- ◆ Gear driven – 4-speed head
- ◆ Utilizes MT No.3 spindle taper
- ◆ 110V

Gear Driven Drill Presses – DP-1500G

SPECIFICATIONS – DP-1500G

| | | |
|---------------------------------|--|---------------------|
| Drill Capacity | 1.5" | 38 mm |
| Tapping Capacity | 1.3" | 33 mm |
| Spindle Speeds (Rpm) | 108, 162, 240, 360, 528, 805, 1175, 1800 | |
| Spindle Taper | MT 4 | |
| Spindle Travel | 7.48" | 190 mm |
| Table Dimension (L x W) | 20" x 16" | 508 mm x 406 mm |
| Base Dimensions (L x W) | 19.5" x 28" | 495 mm x 711 mm |
| Motor | 3.5 hp | |
| Power Requirements | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 84" x 23" x 37" | 2134 x 584 x 940 mm |
| Shipping Weight | 682 lbs. | 310 kgs. |

Specifications subject to change without notice.

- ◆ 1-1/2" through mild steel
- ◆ Gear driven – 8-speed head
- ◆ Utilizes MT No.4 spindle taper
- ◆ Coolant system
- ◆ Includes power down feed
- ◆ Power down feed
- ◆ Reversible motor for tapping
- ◆ 4 down feed speeds
- ◆ 220V 3-phase



Gear Driven Drill Presses – DP-1850G



SPECIFICATIONS – DP-1850G

| | | |
|---------------------------|------------------------|---------------------|
| Max. Drill Capacity | 1.57" | 40 mm |
| Max. Tapping Capacity | 7/8" | 22.2 mm |
| Swing | 26-3/4" | 680 mm |
| Column Diameter | 5.5" | 140 mm |
| Distance Spindle to Table | 4" to 24-3/8" | 101.6 to 610 mm |
| Distance Spindle to Base | 47" | 1194 mm |
| Spindle Taper | MT-4 | |
| Spindle Travel | 7-3/4" | 190 mm |
| Spindle Speeds | 12 | |
| Spindle Speed Range | 90-2,425 RPM . | 11, .23-.39 mm |
| Power Feed | .0047", .0094", .0157" | 540 mm x 440 mm |
| Table Size | 17-1/4" x 21-1/4" | 415 mm x 400 mm |
| Base Size | 33" x 25" | 14.28 mm |
| T-Slot Width | 9/16" | 14.28 mm |
| Motor | 2 hp | |
| Power | 220V 3-phase | |
| Shipping Weight | 1165 lbs. | 528 kgs. |
| Shipping Dimensions | 23" x 43" x 89" | 1000 x 650 x 2220mm |

Specifications subject to change without notice.

- ◆ 1-7/16" capacity
- ◆ 26.75" swing
- ◆ 12 speeds
- ◆ Integrated coolant system
- ◆ 220V 3 phase

Variable Speed Drill Presses – DP-1000VS

SPECIFICATIONS – DP-1000VS

| | | |
|---------------------------------|-----------------|---------------------|
| Drill Capacity | | |
| Steel | 1" | 25 mm |
| Cast Iron | 1.25" | 32 mm |
| Tapping Capacity | | |
| Steel | 5/8" | 16 mm |
| Cast Iron | 3/4" | 19 mm |
| Spindle Speed | 150 – 3000 rpm | |
| Spindle Taper | MT 3 | |
| Spindle Travel | 5.3" | 135 mm |
| Spindle Nose to Table | 23.8" | 605 mm |
| Spindle Nose to Base | 45.3" | 1150 mm |
| Quill Diameter | 2.44" | 62 mm |
| Column Diameter | 3.62" | 92 mm |
| Table Dimension (L x W) | 18.1" x 14.2" | 460 mm x 360 mm |
| Table Slot | .625" | 16 mm |
| Base Dimensions (L x W) | 27" x 19" | 685 mm x 485 mm |
| Motor | | |
| Main | 2 hp | |
| Coolant | 1/8 hp | |
| Power Requirements | 220V / 1-phase | |
| Shipping Dimensions (L x W x H) | 32" x 24" x 79" | 813 x 610 x 2007 mm |
| Shipping Weight | 579 lbs. | 263 kgs. |

Specifications subject to change without notice.

- ◆ 1" through mild steel
- ◆ Variable-speed inverter-driven head
- ◆ Utilizes MT No.3 spindle taper
- ◆ Digital RPM readout
- ◆ Integrated coolant system
- ◆ Auto reverse for tapping
- ◆ Includes drill chuck
- ◆ 220V 1-phase



Variable Speed Drill Presses – DP-1200VS



- ◆ 22" swing
- ◆ Inverter-driven drill press.
- ◆ 1-1/6" mild steel drilling capacity.
- ◆ MT3 spindle taper
- ◆ 220V single phase



| SPECIFICATIONS – DP-1200VS | | |
|--|------------------------------------|---------------------|
| Max. Drill Capacity | 1.0625" | 27 mm |
| Max. Tapping Capacity | 0.5" | 13 mm |
| Depth (Spindle center to Column edge) | 11" | 279.4 mm |
| Swing | 22" | 559 mm |
| Minimum Distance from Spindle to Table | 1.25" | 32 mm |
| Maximum Distance from Spindle to Table | 23.5" | 597 mm |
| Maximum Distance from Spindle to Base | 44.5" | 1130 mm |
| Quill Diameter | 3" | 76.2 mm |
| Spindle Taper | MT3 | |
| Chuck Size | 0 – .51" JT6 | 0 – 13 mm |
| Spindle Travel | 6" | 152 mm |
| Spindle Speeds | 10 - 2250 RPM | |
| Table Travel | 22.25" | 565 mm |
| Table Rotation | 360° | |
| Table Size | 16.75" x 19" | 425 x 482 mm |
| Table Working Surface | 13" x 15" | 330 x 381 mm |
| Base Size | 16.5" x 25.75" | 420 x 654 mm |
| Base Working Surface | 12.75" x 15" | 324 x 381 mm |
| T-Slot Width 2@ | 0.625" | 15.875 mm |
| Column Diameter | 4" | 102 mm |
| Machine Dimensions (L x W x H) | 34" x 36" x 72" | 863 x 914 x 1830 mm |
| Base Footprint | 26" x 16.75" | 660 x 425 mm |
| Power Requirements | 220V, 1Ph, 60hz | |
| Drill Motor | 2hp (1.5kw) 220V, 1Ph, 60hz, 7A | |
| Coolant Pump | 1/8hp (.1kw) 220V, 1Ph, 60hz, .25A | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 83" | 1524x1118x2108mm |
| Shipping Weight | 705lbs. | 320kgs. |

Specifications subject to change without notice.

Variable Speed Drill Presses – DP-1250VS

SPECIFICATIONS – DP-1250VS

| | | |
|---------------------------------|-----------------|----------------------|
| Drill Capacity | 1.5" | 38 mm |
| Tapping Capacity | 3/4" | 19 mm |
| Spindle Speed | | |
| High | 245 – 2000 rpm | |
| Low | 85 – 540 rpm | |
| Swing | 20.8" | 530 mm |
| Spindle Taper | MT 4 | |
| Spindle Travel | 5.9" | 150 mm |
| Spindle Nose to Table | 36.41" | 925 mm |
| Spindle Nose to Base | 48.22" | 1225 mm |
| Quill Diameter | 2.95" | 75 mm |
| Column Diameter | 4.52" | 115 mm |
| Table Dimension (L x W) | 22" x 18.5" | 559 mm x 470 mm |
| Table Slot | .625" | 16 mm |
| Base Dimensions (L x W) | 27" x 19" | 685 mm x 485 mm |
| Motor | | |
| Main | 2 hp | |
| Coolant | 1/8 hp | |
| Power Requirements | 220V / 1-phase | |
| Shipping Dimensions (L x W x H) | 40" x 25" x 83" | 1016 x 635 x 2108 mm |
| Shipping Weight | 847 lbs. | 385 kgs. |

Specifications subject to change without notice.

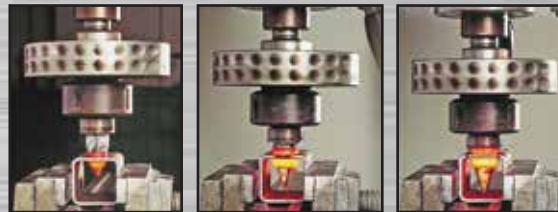
- ◆ 1-1/2" through mild steel
- ◆ Variable-speed inverter-driven head
- ◆ Utilizes MT No.4 spindle taper
- ◆ Digital RPM readout
- ◆ Integrated coolant system
- ◆ Includes drill chuck
- ◆ Auto reverse for tapping
- ◆ 220V 1-phase



Variable Speed Drill Presses – DP-1250VS-HS



- ◆ High speed version of DP-1250VS
- ◆ Perfect for thermal friction drilling applications
- ◆ 1-1/2" capacity thru mild steel
- ◆ Variable-speed inverter-driven head
- ◆ Includes coolant system
- ◆ Work light
- ◆ Auto reverse for tapping
- ◆ 220V 1-phase



The DP-1250VS-HS turns up to 4,000 rpms and is perfect for thermal friction drilling.

| SPECIFICATIONS – DP-1250VS-HS | | |
|---------------------------------|-----------------|----------------------|
| Drill Capacity | 1.5" | 38 mm |
| Tapping Capacity | 3/4" | 19 mm |
| Spindle Speed | | |
| High | 245 – 4000 rpm | |
| Low | 85 – 540 rpm | |
| Swing | 20.8" | 530 mm |
| Spindle Taper | MT 4 | |
| Spindle Travel | 5.9" | 150 mm |
| Spindle Nose to Table | 36.41" | 925 mm |
| Spindle Nose to Base | 48.22" | 1225 mm |
| Quill Diameter | 2.95" | 75 mm |
| Column Diameter | 4.52" | 115 mm |
| Table Dimension (L x W) | 22" x 18.5" | 559 mm x 470 mm |
| Table Slot | .625" | 16 mm |
| Base Dimensions (L x W) | 27" x 19" | 685 mm x 485 mm |
| Motor | | |
| Main | 2 hp | |
| Coolant | 1/8 hp | |
| Power Requirements | 220V / 1-phase | |
| Shipping Dimensions (L x W x H) | 40" x 25" x 83" | 1016 x 635 x 2108 mm |
| Shipping Weight | 847 lbs. | 385 kgs. |

Specifications subject to change without notice.

OPTIONAL TOOLING

| SKU | Description |
|---------|---|
| 1007982 | 1/8" Standard Thermal Friction Drill |
| 1007983 | 1/8" Flat Top Thermal Friction Drill |
| 1007984 | 1/8" Tap for Thermal Friction Drill, Made from HSS and Cobalt TiN Coated |
| 1007985 | 1/4" Standard Thermal Friction Drill |
| 1007986 | 1/4" Flat Top Thermal Friction Drill |
| 1007987 | 1/4" Tap for Thermal Friction Drill, Made from HSS and Cobalt TiN Coated |
| 1007988 | 5/16" Standard Thermal Friction Drill |
| 1007989 | 5/16" Flat Top Thermal Friction Drill |
| 1007990 | 5/16" Tap for Thermal Friction Drill, Made from HSS and Cobalt TiN Coated |
| 1007991 | 3/8" Standard Thermal Friction Drill |
| 1007992 | 3/8" Flat Top Thermal Friction Drill |
| 1007993 | 3/8" Tap for Thermal Friction Drill, Made from HSS and Cobalt TiN Coated |
| 1007994 | 1/2" Standard Thermal Friction Drill |
| 1007995 | 1/2" Flat Top Thermal Friction Drill |
| 1007996 | 1/2" Tap for Thermal Friction Drill, Made from HSS and Cobalt TiN Coated |
| 1007997 | MT3 Thermal Friction Drill Tooling Holder for 1/8" through 1/2" Bits |
| 1007998 | MT4 Thermal Friction Drill Tooling Holder for 1/8" through 1/2" Bits |

Variable Speed Drill Presses – DP-1375VS-110

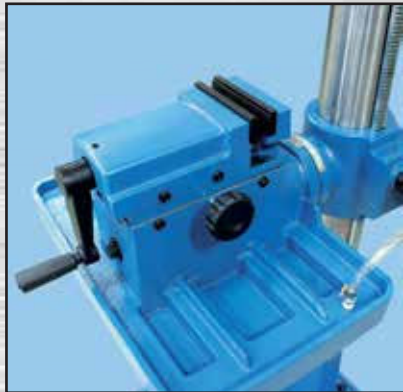
| SPECIFICATIONS – DP-1375VS-110 | | |
|--------------------------------|-----------------|---------------------|
| Swing | 22" | 558 mm |
| Drill Capacity Steel | 1-1/16" | 27 mm |
| Drill Capacity Cast Iron | 1-1/4" | 31.75mm |
| Tapping Capacity Mild Steel | 5/8" | 15.875 mm |
| No. of Spindle Speeds | Variable | |
| Spindle Speed | 120–2000 | |
| Spindle Taper | MT-3 | |
| Spindle Travel | 6" | 152mm |
| Spindle Nose to Table | 33-1/2" | 851 mm |
| Spindle Nose to Base | 46-7/8" | 1190 mm |
| Spindle Nose to Column | 11" | 280 mm |
| Column Diameter | 4-1/2" | 114 mm |
| Table Dimension (L x W) | 22" x 18-3/4" | 559 mm x 476 mm |
| Table Slot | 3 @ 5/8" | 3 @ 15.875mm |
| Table Slot Centers | 7-7/16" | 190 mm |
| Work Table Capacity | 154 lbs. | 70 kgs. |
| Base Dimensions (L x W) | 27" x 19" | 685 mm x 483 mm |
| Motor Main | 2 hp | |
| Motor Coolant | 1/8 hp | |
| Power Requirements | 115V, 60hz | |
| Shipping Dimensions | 32" x 24" x 79" | 813 x 610 x 2007 mm |
| Shipping Weight | 579 lbs. | 263 kgs. |

Specifications subject to change without notice.

- ◆ Variable-speed inverter-driven head
- ◆ 1-1/16" through mild steel
- ◆ 22" swing
- ◆ Utilizes MT No.3 spindle taper
- ◆ Integrated coolant system
- ◆ Auto reverse for tapping
- ◆ 115V



Variable Speed Drill Presses – DP-1400VS



| SPECIFICATIONS – DP-1400VS | | |
|---------------------------------|----------------------|-------------------|
| Max. Drill Capacity | 1.25" | 32 mm |
| Max. Tapping Capacity | .625" | 16 mm |
| Quill Diameter | 2.44" | 62 mm |
| Spindle Taper | MT 3 | |
| Chuck Size | 0 – .51"JT6 | 0 – 13 mm |
| Spindle Travel | 5.5" | 140 mm |
| Spindle Speed | | |
| High | 230 – 2500 rpm | |
| Low | 80 – 1000 rpm | |
| Table Travel | 25" | 635 mm |
| Table Rotation | 360° | |
| T-Slot Width | 2 @ 0.551" | 14 mm |
| Base Dimensions (W x D) | 14.375" x 12.5" | 365 mm x 317 mm |
| Power Requirements | 220V / 1-phase, 60hz | |
| Drill Motor | 2hp | |
| Coolant Pump | 1/8hp | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 84" | 1524x1118x2134 mm |
| Shipping Weight | 750 lbs. | 340 kgs. |

Specifications subject to change without notice.

- ◆ Unique flip table with integrated vise
- ◆ Inverter-driven drill press.
- ◆ 1.25" mild steel drilling capacity.
- ◆ MT3 spindle taper
- ◆ 220V single phase

Variable Speed Drill Presses – DP-1500VS

| SPECIFICATIONS – DP-1500VS | | |
|---------------------------------|----------------------------------|---------------------------------|
| Drill Capacity | | |
| Steel | 1.5" | 38 mm |
| Cast Iron | 1.75" | 45 mm |
| Tapping Capacity | | |
| | .937" | 24 mm |
| Spindle Speed | | |
| High | 245 – 2000 rpm | |
| Low | 85 – 540 rpm | |
| Spindle Taper | | |
| | MT 4 | |
| Spindle Travel | | |
| | 5.9" | 150 mm |
| Spindle Nose to Table | | |
| | 22.75" | 580 mm |
| Spindle Nose to Base | | |
| | 40.75" | 1035 mm |
| Quill Diameter | | |
| | 2.95" | 75 mm |
| Quill Feed (3-speeds) | | |
| | .0078", .004", .002" per rev. | .2 mm, .1 mm .05 mm per rev. |
| Column Diameter | | |
| | 4.52" | 115 mm |
| Table Dimension (L x W) | | |
| | 22" x 18.5" | 560 mm x 470 mm |
| Table Slot | | |
| | .625" | 16 mm |
| Base Dimensions (L x W) | | |
| | 27" x 19" | 685 mm x 485 mm |
| Motor | | |
| Main | 2 hp | |
| Coolant | 1/8 hp | |
| Power Requirements | | |
| | 220V / 1-phase | |
| Shipping Dimensions (L x W x H) | | |
| | 40" x 25" x 83" | 1016 x 635 x 2108 mm |
| Shipping Weight | | |
| | 902 lbs. | 410 kgs. |

Specifications subject to change without notice.

- ◆ 1-1/2" thru mild steel
- ◆ Variable-speed inverter-driven head
- ◆ 3-speed power down feed
- ◆ Utilizes MT No.4 spindle taper
- ◆ Auto reverse tapping feature
- ◆ Digital RPM readout
- ◆ Integrated coolant system
- ◆ Includes drill chuck
- ◆ Power down feed for drilling
- ◆ 220V 1-phase



Radial Drills – RD-1000M



SPECIFICATIONS – RD-1000M

| | | |
|--|-----------------------|----------------------|
| Max. Drill Capacity | 1.57" | 40 mm |
| Distance from Spindle to Column Center | 7.8" to 39.3" | 200 mm to 1000 mm |
| Diameter of Column | 9.4" | 240 mm |
| Spindle Taper | MT4 | |
| Spindle Travel | 9.8" | 250 mm |
| Spindle Speed Range | 71 to 1800 rpm | |
| Number of Speeds | 8 | |
| Range of Spindle Feeds | .005" to .02" | .13 mm to .54 mm |
| Spindle Feeds | 4 | |
| Dist. Between Spindle Nose and Base | 10.3" to 41.8" | 264 mm to 1064 mm |
| Table Size | 15.7" x 17.7" x 15.7" | 400 x 450 x 400 mm |
| Base Size | 29" x 20" | 1500 x 750 x 160 mm |
| Overall Size | 68" x 29.5" x 93" | 1730 x 750 x 2360 mm |
| Motor | 2 hp | |
| Power Requirements | 220V 3-phase | |
| Shipping Dimensions | 74" x 39" x 87" | 1870 x 970 x 2200 mm |
| Shipping Weight | 3,740 lbs. | 1700 kgs. |

Specifications subject to change without notice.

- ◆ 1.57" maximum drilling capacity
- ◆ Heavy duty construction
- ◆ Power down feed
- ◆ MT4 spindle
- ◆ 39.3" reach
- ◆ 9.4" column
- ◆ Box shape worktable
- ◆ 220V 3-phase

Radial Drills – RD-1600H

| SPECIFICATIONS – RD-1600H | | |
|--|-------------------------|-----------------------|
| Max. Drill Capacity | 2" | 50 mm |
| Distance from Spindle to Column Center | 13.7" to 63" | 350 mm to 1600 mm |
| Diameter of Column | 13.7" | 350 mm |
| Spindle Taper | MT5 | |
| Spindle Travel | 12.4" | 315 mm |
| Spindle Speed Range | 25 to 2000 rpm | |
| Number of Speeds | 16 | |
| Range of Spindle Feeds | .001" to .125" | .04 mm to 3.2 mm |
| Spindle Feeds | 16 | |
| Dist. Between Spindle Nose and Base | 12.6" to 48" | 320 mm to 1220 mm |
| Table Size | 24.8" x 19.6" x 19.6" | 630 x 500 x 500 mm |
| Base Size | 94.4" x 39.3" x 7.8 | 2400 x 1000 x 200 mm |
| Overall Size | 114.1" x 41.7" x 104.3" | 2900 x 1060 x 2650 mm |
| Motor | 5.25 hp | |
| Power Requirements | 220V 3-phase | |
| Shipping Dimensions | 89" x 23" x 43" | 2270 x 580 x 1100 mm |
| Shipping Weight | 9,460 lbs. | 4300 kgs. |

Specifications subject to change without notice.

- ◆ 2" maximum drilling capacity
- ◆ Heavy duty construction
- ◆ Power down feed
- ◆ MT5 spindle
- ◆ Large 63" reach
- ◆ 13.7" column
- ◆ Box shape worktable
- ◆ 220V 3-phase



Radial Drills – RD-1600H-VS

- ◆ 2-1/2" maximum drilling capacity
- ◆ Variable speed
- ◆ Power down feed
- ◆ MT5
- ◆ Large 63" reach
- ◆ 3.7" column
- ◆ Box shaped work table
- ◆ 220V 3 phase



| SPECIFICATIONS – RD-1600H-VS | | |
|--|--------------------------------------|-----------------------|
| Drilling Dia. Max. for No. 45 Steel | 2.5" | 63.5 mm |
| Drilling Dia. Max. for HT200 Cast Iron | 2.87" | 73 mm |
| Tapping Dia. Max. for No. 45 Steel | 1.75" | 44.5 mm |
| Tapping Dia. Max. for HT200 Cast Iron | 2" | 50.8 mm |
| Working Table Size | 29.5" x 19.625" | 750 x 498 mm |
| Working Table T Slots | 3 @ .875" | 22 mm |
| Tilt Table Size | 23.625 x 16" | 600 x 406 mm |
| Tilt Table T Slots | 3 @ .625" | 16 mm |
| Base Working Area | 68.5" x 38.625" | 1740 x 981 mm |
| Base T Slots | 3 @ .1.25" | 31 mm |
| Column Surface to Spindle Center | 13.75"–63" | 350–1600 mm |
| Spindle Travel Maximum | 49.5" | 1253 mm |
| Base to Spindle | 13.75"–49.25" | 350–1250 mm |
| Spindle Travel | 12.37" | 314 mm |
| Spindle Diameter | 3.12" | 79 mm |
| Spindle Taper | MT5 | |
| Spindle Speed Range | 38–2000 r/min. | |
| Spindle Feed Steps | 8 | |
| Spindle Feed Range | .0024–.0394 r/in | .06–1 r/mm |
| Elevating Speed | 47.2 in/min | 1.2 m/min |
| Arm Rotation Angle | 180° | |
| Power Requirements | 220V/3 ph, 60hz | |
| Motor Spindle Driving | 5-3/8 hp (4kw), 220V, 173–3460 RPMVS | |
| Shipping Dimensions | 98" x 48" x 103" | 2490 x 1220 x 2620 mm |
| Shipping Weight | 9,460 lbs. | 4300 kgs. |

Specifications subject to change without notice.



Tapping Arms – ATM-27-1000

SPECIFICATIONS – ATM-27-1000

| | | |
|-------------------------|---------------------------------------|---------------|
| Tapping Range | .11" to 1" | 3 mm to 27 mm |
| Work Range (Maximum) | 39.3" | 1000 mm |
| Work Range (Minimum) | 3.93" | 100 mm |
| Spindle Speeds | 220 rpm | |
| Spindle Operation | Pneumatic | |
| Automatic Depth Control | No | |
| Included Tap Holders | 1/4", 3/8", 1/2", 5/8", 3/4" and 7/8" | |
| Voltage | N/A | |
| Shipping Weight | 55 lbs. | 25 kgs. |

Specifications subject to change without notice.

- ◆ Air tapping spindle
- ◆ Work range 3.93" to 39.3"
- ◆ Slanted arm
- ◆ Table mount system
- ◆ 1/4", 3/8", 1/2", 5/8", 3/4" and 7/8" tap holders included



Tapping Arms – ATM-27-1900



- ◆ Air tapping spindle
- ◆ Work range 7.8" to 74.8"
- ◆ Dual stretch arm
- ◆ Slanted arm for increased reach
- ◆ Table mount system
- ◆ Adjustable spindle mount for variable degree tapping
- ◆ 1/4", 3/8", 1/2", 5/8", 3/4" and 7/8" tap holders included

| SPECIFICATIONS – ATM-27-1900 | | |
|------------------------------|---------------------------------------|---------------|
| Tapping Range | .11" to 1" | 3 mm to 27 mm |
| Work Range (Maximum) | 74.8" | 1900 mm |
| Work Range (Minimum) | 7.8" | 200 mm |
| Spindle Speeds | 220 rpm | |
| Spindle Operation | Pneumatic | |
| Automatic Depth Control | No | |
| Included Tap Holders | 1/4", 3/8", 1/2", 5/8", 3/4" and 7/8" | |
| Voltage | N/A | |
| Shipping Weight | 84 lbs. | 38 kgs. |

Specifications subject to change without notice.

**Optional work cart
available SKU 1008001**



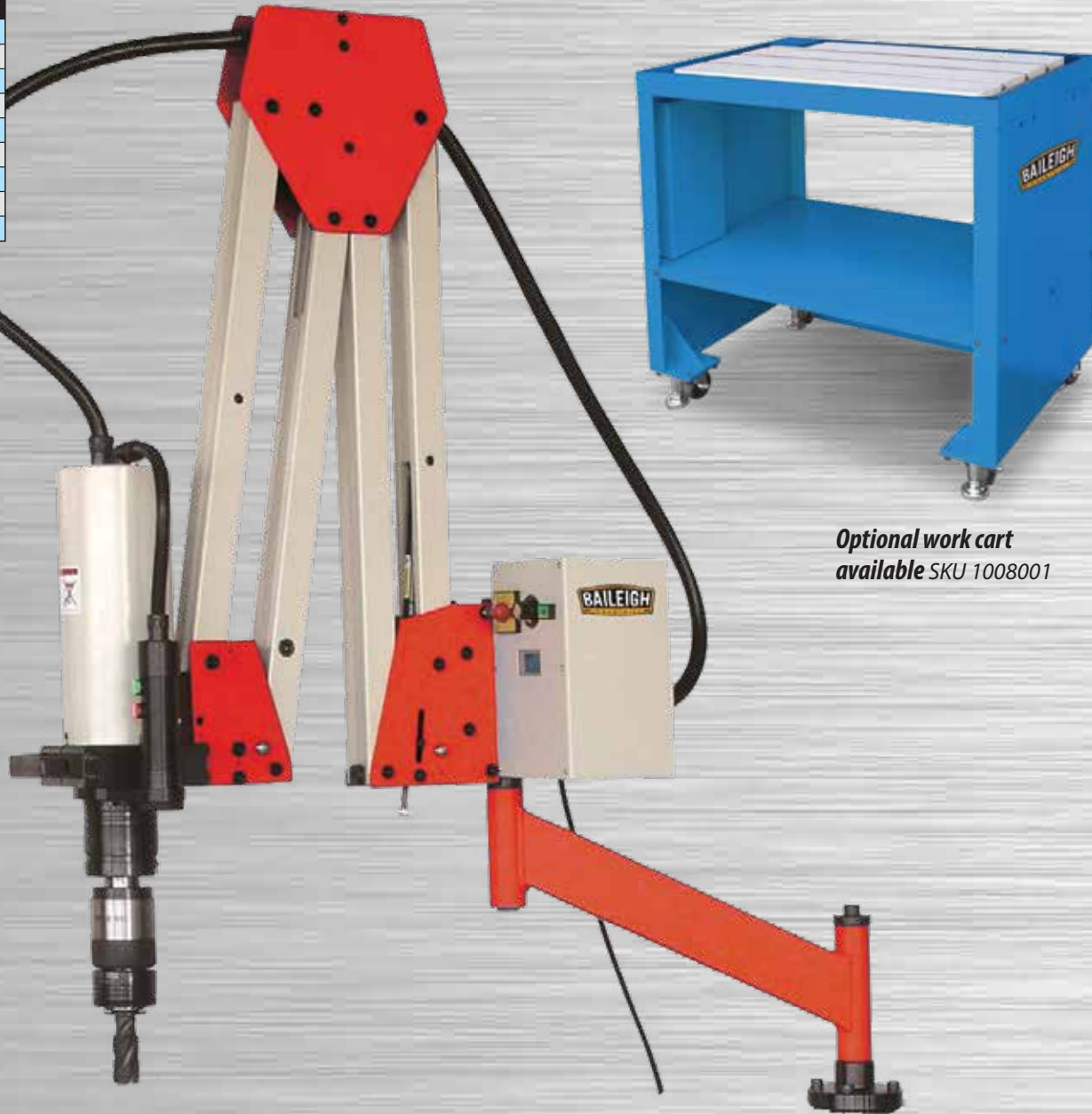
Tapping Arms – ETM-32-1500

SPECIFICATIONS – ETM-32-1500

| | | |
|-------------------------|---------------------------------------|---------------|
| Tapping Range | .11" to 1.25" | 3 mm to 32 mm |
| Work Range (Maximum) | 59" | 1500 mm |
| Work Range (Minimum) | 7.8" | 200 mm |
| Spindle Speeds | 0 to 300 rpm | |
| Spindle Operation | Electric | |
| Automatic Depth Control | No | |
| Included Tap Holders | 1/4", 3/8", 1/2", 3/4", 1" and 1-1/8" | |
| Voltage | 220V single phase | |
| Shipping Weight | 154 lbs. | 70 kgs. |

Specifications subject to change without notice.

- ◆ Electric tapping spindle
- ◆ 0 to 300 rpm
- ◆ Work range 3.93" to 39.3"
- ◆ Slanted arm for increased reach
- ◆ Table mount system
- ◆ Adjustable spindle mount for variable degree tapping
- ◆ 1/4", 3/8", 1/2", 3/4", 1", and 1-1/8" tap holders included
- ◆ Optional work cart available
- ◆ 220V single phase



**Optional work cart
available SKU 1008001**

Tapping Arms – EATM-32-1900



*Optional work cart
available SKU 1008001*



SPECIFICATIONS – EATM-32-1900

| | | |
|-------------------------|---------------------------------------|---------------|
| Tapping Range | .11" to 1.25" | 3 mm to 32 mm |
| Work Range (Maximum) | 83" | 2110 mm |
| Work Range (Minimum) | 7.8" | 200 mm |
| Spindle Speeds | 0 to 300 rpm | |
| Spindle Operation | Electric | |
| Automatic Depth Control | Yes | |
| Included Tap Holders | 1/4", 3/8", 1/2", 3/4", 1" and 1-1/8" | |
| Motor | 1 hp | |
| Voltage | 220V single phase | |
| Shipping Weight | 154 lbs. | 70 kgs. |

Specifications subject to change without notice.

- ◆ Electric tapping spindle
- ◆ Auto depth control
- ◆ 0 to 300 rpm
- ◆ Work range 7.8" to 83"
- ◆ Dual stretch arms
- ◆ Slanted arm for increased reach
- ◆ Table mount system
- ◆ Adjustable spindle mount for variable degree tapping
- ◆ 1/4", 3/8", 1/2", 3/4", 1", and 1-1/8" tap holders included
- ◆ Optional work cart available
- ◆ 220V single phase

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Vertical Mills – VM-626-1



SPECIFICATIONS – VM-626-1

| | | |
|---------------------------------|---------------------|--------------------------|
| Spindle Taper | R8 | |
| Working Table Size | 6" x 26" | 152.4 mm x 660.4 mm |
| Work Table Travel (X/Y/Z) | 14.5" / 6" / 14.75" | 370 mm / 150 mm / 345 mm |
| Spindle Nose to Worktable | 0 to 13.75" | 0 to 345 mm |
| Speeds | 9 | |
| RPM | 230 to 2500 | |
| Motor | 1.5 hp | |
| Power Requirement | 110V | |
| Shipping Dimensions (L x W x H) | 48" x 48" x 60" | 1220 x 1220 x 1525 mm |
| Shipping Weight | 575 lbs. | 262 kgs. |

Specifications subject to change without notice.

- ◆ 6" x 26" work table
- ◆ Can be bench mounted
- ◆ Includes heavy duty stand
- ◆ R8 spindle taper
- ◆ One shot lubrication
- ◆ 1/2" t-slots
- ◆ Headstock tilts 90 degree left or right
- ◆ 9 speeds
- ◆ Work light
- ◆ Micro-feed spindle head wheel
- ◆ 110V

Vertical Mills – VM-836E

SPECIFICATIONS – VM-836E

| | | |
|-----------------------|--------------------------|-------------------|
| Table Size | 7.875" x 36" | 200 x 915 mm |
| T Slots | 3 @ .625" | 16 mm |
| T Slots Centers | 2.5" | 63.5 mm |
| Longitudinal Travel | 25.5" | 648 mm |
| Cross Travel | 9.625" | 244.5 mm |
| Knee Vertical Travel | 14.75" | 374 mm |
| Cross Travel of Ram | 12" | 305 mm |
| Spindle Nose to Table | .875" ~ 15.625" | 22.3 ~ 397 mm |
| Spindle to Column | 5.25" ~ 15.75" | 133 ~ 400 mm |
| Spindle Speeds | 8 speeds, 80 to 2720 rpm | |
| Spindle Travel | 5" | 127 mm |
| Spindle Diameter | 3.125" | 80 mm |
| Spindle Taper | R8, 7/16"-20 | |
| Collet Capacity | .125" ~ .875" | 3.1 ~ 22.2 mm |
| Spindle Feed Per Rev | 0034"/.0018"/.0056" | .086/.045/.142 mm |
| Spindle Head Tilt | 90° (R&L) | |
| Table Load Capacity | 750 lbs. | 340 kgs. |
| Power Requirement | 120V / 1ph, 60 hz | |
| Motor Spindle | 2 hp | |
| Motor Coolant | 1/16 hp | |
| Shipping Weight | 1,950lbs | 885 kgs. |
| Shipping Dimensions | 48" x 60" x 85" | 1220x1524x2159 mm |

Specifications subject to change without notice.

- ◆ 8" x 36" table
- ◆ 8 spindle speeds
- ◆ R8 spindle
- ◆ Compact design
- ◆ 110V



Vertical Mills – VM-942E



- ◆ 9" x 42" table
- ◆ R8 spindle taper
- ◆ Digital read out
- ◆ Work lamp
- ◆ 220V single phase

| SPECIFICATIONS – VM-942E | | |
|--------------------------|--------------------------|----------------------|
| Table Size | 9" x 42" | 230 x 1067 mm |
| T Slots | 3 @ .625" | 16 mm |
| Longitudinal Travel | 25.25" | 641 mm |
| Cross Travel | 12.12" | 308 mm |
| Knee Vertical Travel | 14.675" | 371.5 mm |
| Cross Travel of Ram | 13.5" | 343 mm |
| Spindle Nose to Table | 2.36" ~ 17" | 60 ~ 432 mm |
| Spindle Speeds | 8 speeds, 80 to 2760 rpm | |
| Spindle Travel | 5" | 127 mm |
| Spindle Diameter | 3.34" | 85 mm |
| Spindle Taper | R8 | |
| Spindle Feed Per Rev | .003"/.0015"/.006" | .076 / .038 / .15mm |
| Spindle Head Swivel | 45° (F&R), 90° (R&L) | |
| Table Load Capacity | 750 lbs. | 340 kgs. |
| Power Requirement | 220V / 1ph, 60hz | |
| Motor Spindle | 3 hp | |
| Motor Coolant | 1/16 hp | |
| Shipping Weight | 2,350 lbs. | 1066 kgs. |
| Shipping Dimensions | 65" x 67" x 79" | 1651 x 1701 x 2006mm |

Specifications subject to change without notice.

Vertical Mills – VM-949E-VS

SPECIFICATIONS – VM-949E-VS

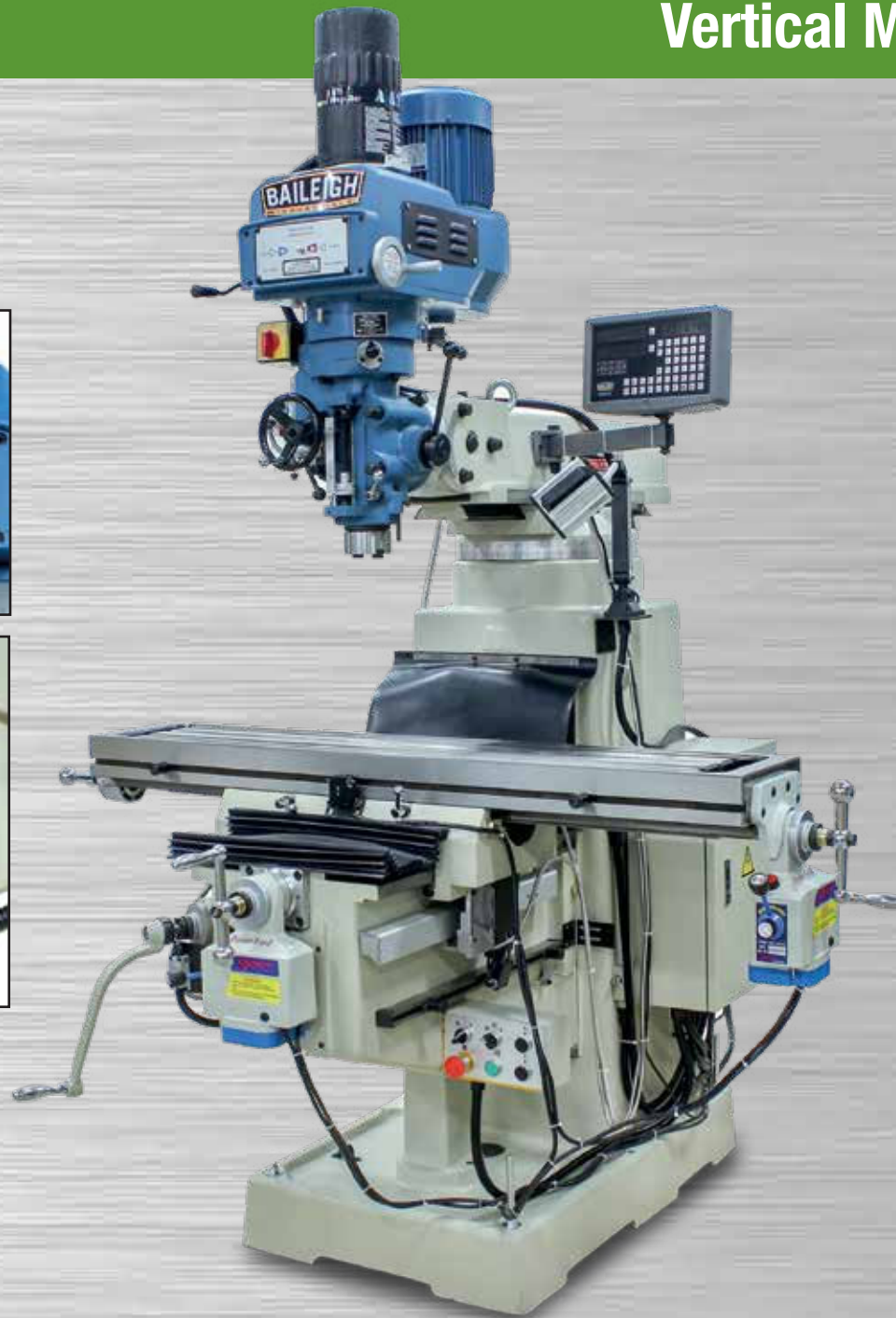
| | | |
|---|-----------------------------------|-------------------------|
| Table Size | 9" x 49" | 230 x 1246 mm |
| T Slots | 3 @ .625" | 16 mm |
| Travel Auto X Axis (Left/Right) | 29" | 745 mm |
| Travel Manual X Axis (Left/Right) | 32.375" | 82 mm |
| Travel Manual Y Axis (Forward/Backward) | 12" | 305 mm |
| Travel Manual Z Axis (Raise/Lower) | 16" | 406 mm |
| Table Load Capacity | 770 lbs. | 350 kgs. |
| Spindle Speed Range | 70 to 4320 RPM | |
| Spindle Travel | 5" | 127 mm |
| Spindle Diameter | 3.37" | 85.725 mm |
| Spindle Taper | R8 | |
| Spindle Feed Per Rev | .0015"/.003"/.008" | .038 mm/.076 mm/.203 mm |
| Spindle Head Swivel | 45° (F&R), 90° (R&L) | |
| Cross Travel of Ram | 12" | 305 mm |
| Power Requirement | 220V 1ph, 60hz | |
| Motor Spindle | 3 hp, 1ph, 60hz, 60–4200 RPM VS | |
| Motor Coolant | 1/16 hp (40 watt), 220V, 3360 RPM | |
| Shipping Dimensions (L x W x H) | 65" x 67" x 79" | 1651 x 1701 x 2006mm |
| Shipping Weight(approx.) | 2,200 lbs. | 1000 kgs. |

Specifications subject to change without notice.

- ◆ 9" x 49" table
- ◆ Variable speed from 60 to 4,200rpm
- ◆ R8 spindle and drawbar
- ◆ DRO for X and Y axis
- ◆ Power feed X axis w/ rapid traverse
- ◆ Integrated coolant system
- ◆ Halogen work light
- ◆ 220V single phase



Vertical Mills – VM-1054E-VS



SPECIFICATIONS – VM-1054E-VS

| | | |
|---------------------------|----------------------|----------------------|
| Table Size | 10" x 54" | 254 x 1370 mm |
| T Slots | 3 @ .625" | 16 mm |
| Longitudinal Travel | 32" | 813 mm |
| Cross Travel | 13.75" | 350 mm |
| Knee Vertical Travel | 13" | 330 mm |
| Cross Travel of Ram | 20" | 508 mm |
| Spindle Nose to Table | 4" ~ 17" | 102 ~ 432 mm |
| Spindle Speed Range | 60 ~ 4200 RPM | |
| Spindle Travel | 5" | 127 mm |
| Spindle Diameter | 3.34" | 85 mm |
| Spindle Taper | NT 40 | |
| Spindle Feed Per Rev | .003"/.0015"/.006" | .076/.038/.152 mm |
| Spindle Head Swivel | 45° (F&R), 90° (R&L) | |
| Table Load Capacity | 750 lbs. | 340 kgs. |
| Draw Bar Size | 5/8-11 | |
| Power Draw Bar Air Supply | 90 psi | 6.3 kgs-cms. |
| Power Requirement | 220V / 3 ph, 60 hz | |
| Motor Spindle | 3 hp | |
| Motor Coolant | 1/16 hp | |
| Z Axis Motor | 1/2 hp | |
| Shipping Weight | 3,000 lbs. | 1361kgs. |
| Shipping Dimensions | 68" x 72" x 75" | 1727 x 1829 x 1905mm |

Specifications subject to change without notice.

- ◆ 10" x 54" Table
- ◆ Variable Speed
- ◆ Air Draw Bar
- ◆ Power X, Y, & Z
- ◆ Digital Readout
- ◆ 220V 3 phase

Vertical Mills – VM-942-1

| SPECIFICATIONS – VM-942-1 | | |
|--------------------------------------|---------------------|-----------------------|
| Table Size | 9" x 42" | 230 mm x 1067 mm |
| Table Load Capacity | 770 lbs. | 350 kgs. |
| T-Slot Size | .625" | 16 mm |
| Travel | | |
| Manual X-Axis | 30" | 762 mm |
| Manual Y-Axis | 12" | 305 mm |
| Manual Z-Axis | 16" | 406 mm |
| Auto X-Axis | 28.5" | 724 mm |
| Auto Y-Axis | 12" | 305 mm |
| Auto Z-Axis | 16" | 406 mm |
| Spindle Taper | NT 40 | |
| Spindle Speeds | 70 – 4200 rpm | |
| Spindle Feed Per Rev. | .0015"/.003"/.006" | .04/.08/.15 mm |
| Spindle Diameter | 3.37" | 85.5 mm |
| Spindle Head Swivel | 45° (F&R) 90° (R&L) | |
| Spindle Travel | 5" | 127 mm |
| Spindle Nose to Table (min./max.) | 0 – 16" | 0 – 406 mm |
| Spindle Center to Column (min./max.) | 0 – 12" | 0 – 305 mm |
| Cross Travel of Ram | 12" | 305 mm |
| Motor Spindle | 3 hp | |
| Motor Coolant Pump | 1/8 hp | |
| Power Requirement | 220V / 1-phase | |
| Shipping Dimensions (L x W x H) | 60" x 60" x 75" | 1524 x 1524 x 1905 mm |
| Shipping Weight | 2,200 lbs. | 1000 kgs. |

Specifications subject to change without notice.

- ◆ 3-axis DRO – standard
- ◆ NST 40 spindle taper
- ◆ Power feed on X, Y, and Z axis
- ◆ Turcite B® coated ways and guides for extreme durability
- ◆ Meehanite® castings for superior rigidity
- ◆ Standard draw bar
- ◆ Way covers and chip tray included
- ◆ Adjustable work light



Vertical Mills – VM-949



- ◆ Mitutoyo 2 axis DRO – standard
- ◆ Yaskawa inverter head
- ◆ Pneumatic power draw bar
- ◆ Power feed on X, Y, and Z axis
- ◆ NST 40 spindle taper
- ◆ Standard table and knee locks
- ◆ Reversing quill
- ◆ Turcite B® coated ways and guides for extreme durability
- ◆ Meehanite® castings for superior rigidity
- ◆ Way covers and chip tray included
- ◆ Adjustable halogen work light
- ◆ 220V, single or 3-phase available



| SPECIFICATIONS – VM-949 | | |
|--------------------------------------|---------------------|-----------------------|
| Table Size | 9" x 49" | 230 mm x 1245 mm |
| Table Load Capacity | 440 lbs. | 200 kgs. |
| T-Slot Size | .625" | 16 mm |
| Travel | | |
| Manual X-Axis | 28.5" | 724 mm |
| Manual Y-Axis | 12" | 305 mm |
| Manual Z-Axis | 16" | 406 mm |
| Auto X-Axis | 25.19" | 640 mm |
| Auto Y-Axis | 12" | 305 mm |
| Auto Z-Axis | 16" | 406 mm |
| Spindle Taper | NT 40 | |
| Spindle Speeds | 60 – 4200 rpm | |
| Spindle Feed Per Rev. | .0015"/.003"/.005" | .04/.08/.13 mm |
| Spindle Diameter | 3.37" | 85.5 mm |
| Spindle Head Swivel | 45° (F&R) 90° (R&L) | |
| Spindle Travel | 5" | 127 mm |
| Spindle Nose to Table (min./max.) | 2.24" – 18.22" | 57 – 463 mm |
| Spindle Center to Column (min./max.) | 8.38" – 20.98" | 213 – 533 mm |
| Cross Travel of Ram | 12.59" | 320 mm |
| Motor Spindle | 3 hp | |
| Motor Coolant Pump | 1/8 hp | |
| Power Requirement | 220V / 1 or 3-phase | |
| Shipping Dimensions (L x W x H) | 60" x 60" x 83" | 1524 x 1524 x 2110 mm |
| Shipping Weight | 2,200 lbs. | 1000 kgs. |

Specifications subject to change without notice.

Vertical Mills – VM-1054-3

SPECIFICATIONS – VM-1054-3

| | | |
|--------------------------------------|---------------------|-----------------------|
| Table Size | 10" x 54" | 254 mm x 1372 mm |
| Table Load Capacity | 550 lbs. | 250 kgs. |
| T-Slot Size | .625" | 16 mm |
| Travel | | |
| Manual X-Axis | 35.43" | 900 mm |
| Manual Y-Axis | 15.75" | 400 mm |
| Manual Z-Axis | 16" | 406 mm |
| Auto X-Axis | 32.25" | 820 mm |
| Auto Y-Axis | 15.75" | 400 mm |
| Auto Z-Axis | 16" | 406 mm |
| Spindle Taper | NT 40 | |
| Spindle Speeds | 80 – 3800 rpm | |
| Spindle Feed Per Rev. | .0015"/.003"/.005" | .04/.08/.13 mm |
| Spindle Diameter | 3.93" | 100 mm |
| Spindle Head Swivel | 45° (F&R) 90° (R&L) | |
| Spindle Travel | 5" | 127 mm |
| Spindle Nose to Table (min./max.) | 1.57" – 17.55" | 40 – 445 mm |
| Spindle Center to Column (min./max.) | 7.87" – 26.77" | 200 – 680 mm |
| Cross Travel of Ram | 18.89" | 480 mm |
| Motor Spindle | 3 hp | |
| Motor Coolant Pump | 1/8 hp | |
| Power Requirement | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 60" x 60" x 87" | 1524 x 1524 x 2210 mm |
| Shipping Weight | 3,000 lbs. | 1364 kgs. |

Specifications subject to change without notice.

- ◆ Mitutoyo 2 axis DRO – standard
- ◆ Yaskawa inverter head
- ◆ Pneumatic power draw bar
- ◆ Power feed on X, Y, and Z axis
- ◆ NST 40 spindle taper
- ◆ Standard table and knee locks
- ◆ Reversing quill
- ◆ Turcite B® coated ways and guides for extreme durability
- ◆ Meehanite® castings for superior rigidity
- ◆ Way covers and chip tray included
- ◆ Adjustable halogen work light



Vertical Mills – VM-1258-3



- ◆ Mitutoyo 2 axis DRO – standard
- ◆ Yaskawa inverter head
- ◆ Pneumatic power draw bar
- ◆ Power feed on X, Y, and Z axis
- ◆ NST 40 spindle taper
- ◆ Standard table and knee locks
- ◆ Ball screws on X and Y axis
- ◆ Reversing quill
- ◆ Turcite B® coated ways and guides for extreme durability
- ◆ Meehanite® castings for superior rigidity
- ◆ Way covers and chip tray included
- ◆ Adjustable halogen work light



| SPECIFICATIONS – VM-1258-3 | | |
|--------------------------------------|------------------|-----------------------|
| Table Size | 12" x 58" | 305 mm x 1474 mm |
| Table Load Capacity | 770 lbs. | 350 kgs. |
| T-Slot Size | .625" | 16 mm |
| Travel | | |
| Manual X-Axis | 36.61" | 930 mm |
| Manual Y-Axis | 15.74" | 400 mm |
| Manual Z-Axis | 17.71" | 450 mm |
| Auto X-Axis | 36.22" | 920 mm |
| Auto Y-Axis | 14.96" | 380 mm |
| Auto Z-Axis | 17.71" | 450 mm |
| Spindle Taper | NT 40 | |
| Spindle Speeds | 80 – 3800 rpm | |
| Spindle Feed Per Rev. | .0035"/.07"/.14" | .09/1.78/3.56 mm |
| Spindle Diameter | 3.93" | 100 mm |
| Spindle Head Swivel | 90° (R&L) | |
| Spindle Travel | 5.51" | 140 mm |
| Spindle Nose to Table (min./max.) | 1.37" – 19.09" | 35 – 485 mm |
| Spindle Center to Column (min./max.) | 5.11" – 21.65" | 130 – 550 mm |
| Cross Travel of Ram | 16.53" | 420 mm |
| Motor Spindle | 5 hp | |
| Motor Coolant Pump | 1/8 hp | |
| Power Requirement | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 70" x 61" x 91" | 1778 x 1550 x 2312 mm |
| Shipping Weight | 3,740 lbs. | 1700 kgs. |

Specifications subject to change without notice.

Vertical Mill/Drill – VMD-30VS

SPECIFICATIONS – VMD-30VS

| | | |
|---------------------------------|-----------------|-----------------------|
| Drilling Capacity | 1.125" | 30 mm |
| Tapping Capacity | .625" | 16 mm |
| Face Milling Capacity | 3" | 76 mm |
| Spindle Taper | R8 | |
| Spindle Travel | 5.9" | 150 mm |
| Spindle Nose to Table | 19.7" | 500 mm |
| X-Axis Travel | 14.5" | 368 mm |
| Y-Axis Travel | 6.67" | 170 mm |
| Table Size | 8.25" X 28.75" | 210 mm x 730 mm |
| Table Capacity | 440 lbs. | 200 kgs. |
| T-Slots | .625" | 16 mm |
| Spindle Speeds | 150 – 2500 rpm | |
| Motor | 2 hp | |
| Coolant Motor | 1/8 hp | |
| Shipping Dimensions (L x W x H) | 60" x 44" x 68" | 1524 x 1120 x 1728 mm |
| Shipping Weight | 616 lbs. | 280 kgs. |

Specifications subject to change without notice.

- ◆ Variable speed inverter driven head
- ◆ Manual feed
- ◆ R8 spindle taper
- ◆ Digital RPM readout
- ◆ Integrated coolant system
- ◆ Swing away safety shield
- ◆ Halogen work light
- ◆ 7/16" x 20" draw bar
- ◆ 220V 1-phase



Vertical Mill/Drill – VMD-828G



SPECIFICATIONS – VMD-828G

| | | |
|-----------------------------------|-----------------------------------|-----------------------|
| Drilling Cap. Cast Iron | 1.5" | 40 mm |
| Drilling Cap. Mild Steel | 1.25" | 32 mm |
| Face Mill Cap. | 3" | 76 mm |
| End Mill Cap. | 1.25" | 32 mm |
| Working Table Size | 8.25" x 28.75" | 210 x 730 mm |
| Working Table Cross Travel | 9" | 230 mm |
| Working Table Longitudinal Travel | 19.5" | 500 mm |
| T-Slot Size | .55" | 14 mm |
| Head Tilt Left Right | 90° | |
| Head Swivel | 360° | |
| Spindle Taper | R8 | |
| Maximum Distance Spindle To Base | 16.14" | 410 mm |
| Spindle Stroke | 4.75" | 120 mm |
| Spindle Speed | 90, 210, 345, 670, 1180, 1970 rpm | |
| Power Supply | 115V, 60 hz, 20A | |
| Main Motor | 2 hp | |
| Coolant Pump | 1/16 hp | |
| Shipping Dimension (L x W x H) | 69" x 44" 70" | 1753 x 1118 x 1778 mm |
| Gross Weight | 710 lbs. | 322 kgs. |

Specifications subject to change without notice.

- ◆ 8" x 28" table
- ◆ Gear driven head
- ◆ R8 spindle taper
- ◆ Integrated coolant system
- ◆ Storage cabinet
- ◆ 7/16" x 20" drawbar
- ◆ 110V

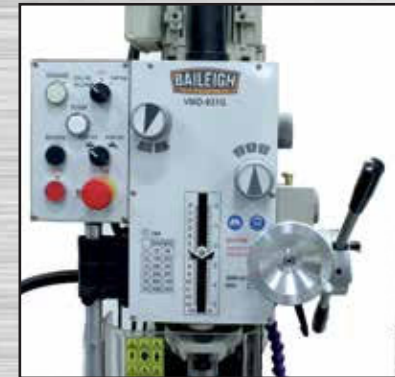
Vertical Mill/Drill – VMD-931G

SPECIFICATIONS – VMD-931G

| | | |
|------------------------------------|-----------------------------------|----------------------|
| Drilling Cap. Cast Iron | 1.75" | 45 mm |
| Drilling Cap. Mild Steel | 1.25" | 32 mm |
| Face Mill Cap. | 3.15" | 80 mm |
| End Mill Cap. | 1.25" | 32 mm |
| Working Table Size | 9.45" x 31.5" | 240 x 800 mm |
| Working Table Cross Travel | 7.48" | 190 mm |
| Working Table Longitudinal Travel | 22" | 560 mm |
| Maximum Distance Spindle To Base 1 | 7.32" | 440 mm |
| Spindle Stroke | 4.75" | 120 mm |
| T-Slot Size | .55" | 14 mm |
| Head Tilt Left Right | 90° | |
| Spindle Taper | R8 | |
| Draw Bar | 7/16"-20 UNF | |
| Spindle Speed | 90, 210, 345, 670, 1180, 1970 rpm | |
| Power Supply | 115V, 60 hz, 20A | |
| Main Motor | 2 hp | |
| Coolant Pump | 1/16 hp | |
| Shipping Dimension (L x W x H) | 69" x 44" x 70" | 1753 x 1118 x 1778mm |
| Gross Weight | 710 lbs. | 322 kgs. |

Specifications subject to change without notice.

- ◆ 9" x 31" table
- ◆ Gear driven head
- ◆ R8 spindle taper
- ◆ Power X axis
- ◆ Integrated coolant system
- ◆ Storage cabinet
- ◆ 7/16" x 20" drawbar
- ◆ 110V



Mill, Drill, and Lathe Combination – MLD-1022



- ◆ Variable-speed inverter-driven head
- ◆ 1-1/16" through mild steel
- ◆ 22" Swing
- ◆ Utilizes MT No.3 spindle taper
- ◆ Integrated coolant system
- ◆ Auto reverse for tapping
- ◆ 115V

| SPECIFICATIONS – MLD-1022 | | |
|--------------------------------------|--------------------------|-------------|
| Lathe | | |
| Distance Between Centers | 29.5" | 750 mm |
| Swing Over Bed | 9.75" | 250 mm |
| Swing Over Cross Slide | 5.7" | 145 mm |
| Width of Bed | 5.3" | 135 mm |
| Taper of Spindle Bore | MT 4 | |
| Speed | 50 – 2000 rpm / Variable | |
| Range of Longitudinal Feed (per rev) | .003 – .008" | .07 – .2 mm |
| Range of Inch Threads | 8 – 56 T.P.I. | |
| Range of Metric Threads | .4 – 3.5 mm | |
| Top Slide Travel | 2" | 50 mm |
| Cross Slide Travel | 4.5" | 115 mm |
| Tailstock Quill Travel | 2" | 50 mm |
| Taper of Tailstock Quill | MT 2 | |
| Motor | 1 hp | |
| Voltage | 120V | |
| Mill / Drill | | |
| Taper of Spindle Bore | R8 | |
| Spindle Stroke | 2" | 50 mm |
| Spindle Speed | 50 – 2250 rpm / Variable | |
| Max. Distance Spindle to Table | 11" | 280 mm |
| Max. Distance Spindle to Column | 6.5" | 170 mm |
| Motor | .75 hp | |
| Voltage | 120V | |
| Shipping Weight | 429 lbs. | 195 kgs. |

Specifications subject to change without notice.

Mill, Drill, and Lathe Combination – MLD-1030

| SPECIFICATIONS – MLD-1030 | | |
|--------------------------------------|--------------------------|----------------------|
| Lathe | | |
| Distance Between Centers | 21.5" / 29.5" | 550 / 750 mm |
| Swing Over Bed | 9.75" | 250 mm |
| Swing Over Cross Slide | 5.7" | 145 mm |
| Width of Bed | 5.3" | 135 mm |
| Taper of Spindle Bore | MT 4 | |
| Speed | 50 – 2000 rpm / Variable | |
| Range of Longitudinal Feed (per rev) | .003 – .008" | .07 – .2 mm |
| Range of Inch Threads | 8 – 56 T.P.I | |
| Range of Metric Threads | .4 – 3.5 mm | |
| Top Slide Travel | 2" | 50 mm |
| Cross Slide Travel | 4.5" | 115 mm |
| Tailstock Quill Travel | 2" | 50 mm |
| Taper of Tailstock Quill | MT 2 | |
| Motor | 1 hp | |
| Voltage | 110V | |
| Mill / Drill | | |
| Taper of Spindle Bore | R 8 | |
| Spindle Stroke | 2" | 50 mm |
| Spindle Speed | 50 – 2250 rpm / Variable | |
| Max. Distance Spindle to Table | 11" | 280 mm |
| Max. Distance Spindle to Column | 6.5" | 165 mm |
| Motor | .75 hp | |
| Voltage | 110V | |
| Shipping Dimensions (L x W x H) | 56" x 26" x 49" | 1422 x 660 x 1245 mm |
| Shipping Weight | 429 lbs. | 195 kgs. |

Specifications subject to change without notice.

- ◆ Combination mill, lathe, and drill
- ◆ Precision ground and hardened ways
- ◆ MT4 spindle taper on lathe
- ◆ R8 spindle taper on mill/drill
- ◆ Power longitudinal feed
- ◆ Gear driven mill head
- ◆ Digital readout for RPM of lathe
- ◆ Digital readout for depth of cut on mill head
- ◆ 110V



Lathes – PL-714VS / PL-1022VS



PL-714VS

- ◆ Variable speed bench top lathe
- ◆ Precision ground and hardened ways
- ◆ MT3 spindle taper
- ◆ MT2 tailstock taper
- ◆ 3 jaw chuck
- ◆ 4 jaw chuck
- ◆ Steady and follow rests
- ◆ Digital readout for RPMs
- ◆ Quick change tool post
- ◆ 110V

| SPECIFICATIONS – PL-714VS | | |
|---------------------------|----------------|----------|
| Distance Between Centers | 13.8" | 350 mm |
| Max. Swing Over Bed | 7.00" | 178 mm |
| Spindle Taper | MT3 | |
| Chuck Diameter | 4" | 101.6 mm |
| Spindle Bore | .75" | 19 mm |
| Tool Slide Travel | 1.378" | 35 mm |
| Taper of Tailstock Quill | MT2 | |
| Range of Metric Threads | 0.5 – 2.5 mm | |
| Range of Inch Threads | 12 – 52 TPI | |
| Cross Slide Travel | 2.559" | 65 mm |
| Spindle Accuracy | .001" | .02 mm |
| Spindle Speed | 100 – 2500 rpm | |
| Voltage | 110V / 60Hz | |
| Motor | 3/4 hp | |
| Shipping Weight | 93 lbs. | 42 kgs. |

Specifications subject to change without notice.

| SPECIFICATIONS – PL-1022VS | | |
|----------------------------|----------------|----------|
| Distance Between Centers | 19.6" | 500 mm |
| Max. Swing Over Bed | 9.75" | 250 mm |
| Spindle Taper | MT4 | |
| Chuck Diameter | 4.92" | 125 mm |
| Spindle Bore | 1.00" | 26 mm |
| Tool Slide Travel | 1.89" | 48 mm |
| Taper of Tailstock Quill | MT2 | |
| Range of Metric Threads | 0.4 – 3.4 mm | |
| Range of Inch Threads | 8 – 56 TPI | |
| Cross Slide Travel | 4.528" | 115 mm |
| Spindle Accuracy | .001" | .02 mm |
| Spindle Speed | 125 – 2000 rpm | |
| Voltage | 110V | |
| Motor | 1 hp | |
| Shipping Weight | 242 lbs. | 110 kgs. |

Specifications subject to change without notice.

- ◆ Variable speed bench top lathe
- ◆ Precision ground and hardened ways
- ◆ MT4 spindle taper
- ◆ MT2 tailstock taper
- ◆ 3 jaw chuck
- ◆ 4 jaw chuck
- ◆ Steady and follow rests
- ◆ Digital readout for RPMs
- ◆ Quick change tool post
- ◆ 110V



PL-1022VS

Lathes – PL-1236E

SPECIFICATIONS – PL-1236E

| | | |
|---------------------------------|------------------------|----------------------|
| Swing Over Bed | 12" | 305 mm |
| Swing Over Cross Slide | 7" | 78 mm |
| Distance Between Centers | 36" | 914 mm |
| Spindle Bore | 1.50" | 38 mm |
| Spindle Bore Taper | Morse #5 | |
| Spindle Speeds | 9 (70 – 1500 rpm) | |
| Travel of Top Slide | 3" | 76 mm |
| Travel of Cross Slide | 5.125" | 130 mm |
| Leadscrew Thread Pitch | 8 T.P.I. | |
| Longitudinal Feed Range | 0.002" – 0.0548"/rev. | 0.05 – 1.4 mm/rev |
| Cross Feed Range | 0.00055" – 0.0149"/rev | 0.014 – 0.38 mm/rev |
| Metric Thread Range | 0.4 – 7 mm | |
| Sleeve Diameter | 1.250" | 32 mm |
| Sleeve Travel | 4" | 101 mm |
| Sleeve Taper | Morse #3 | |
| Power Requirements | 220V, 1PH, 60hz | |
| Main Motor | 1.5HP | 1.1Kw |
| Shipping Dimensions (L x W x H) | 64" x 28.75" x 45.75" | 1600 x 730 x 1160 mm |
| Shipping Weight | 1,169 lbs. | 530 kgs. |



Specifications subject to change without notice.

- ◆ 6" three jaw chuck
- ◆ 8" four jaw chuck
- ◆ Face plate
- ◆ Steady rest
- ◆ Follow rest
- ◆ Quick change tool holder
- ◆ Foot brake
- ◆ Coolant system with splash guard
- ◆ 220V single phase

Lathes – PL-1236E-DRO



| SPECIFICATIONS – PL-1236E-DRO | | |
|---------------------------------|------------------------|----------------------|
| Swing Over Bed | 12" | 305 mm |
| Swing Over Cross Slide | 7" | 78 mm |
| Distance Between Centers | 36" | 914 mm |
| Spindle Bore | 1.50" | 38 mm |
| Spindle Bore Taper | Morse #5 | |
| Spindle Speeds | 9 (70 – 1500 rpm) | |
| Travel of Top Slide | 3" | 76 mm |
| Travel of Cross Slide | 5.125" | 130 mm |
| Leadscrew Thread Pitch | 8 T.P.I. | |
| Longitudinal Feed Range | 0.002" – 0.0548"/rev. | 0.05 – 1.4 mm/rev |
| Cross Feed Range | 0.00055" – 0.0149"/rev | 0.014 – 0.38 mm/rev |
| Metric Thread Range | 0.4 – 7 mm | |
| Sleeve Diameter | 1.250" | 32 mm |
| Sleeve Travel | 4" | 101 mm |
| Sleeve Taper | Morse #3 | |
| Power Requirements | 220V, 1PH, 60hz | |
| Main Motor | 1.5HP | 1.1Kw |
| Shipping Dimensions (L x W x H) | 64" x 28.75" x 45.75" | 1600 x 730 x 1160 mm |
| Shipping Weight | 1,169 lbs. | 530 kgs. |

Specifications subject to change without notice.

- ◆ 2-axis digital readout
- ◆ 6" three jaw chuck
- ◆ 8" four jaw chuck
- ◆ Face plate
- ◆ Steady rest
- ◆ Follow rest
- ◆ Quick change tool holder
- ◆ Foot brake
- ◆ Coolant system with splash guard
- ◆ Removable chip tray
- ◆ 220V single phase

Lathes – PL-1340E

| SPECIFICATIONS – PL-1340E | | |
|---------------------------------|-----------------------|----------------------|
| Swing Over Bed | 13" | 330 mm |
| Swing Over Cross Slide | 7.750" | 197 mm |
| Swing in Gap | 18.750" | 477 mm |
| Distance Between Centers | 39.36" | 1000 mm |
| Width of Bed | 7.325" | 186 mm |
| Spindle Nose | D1-4" | |
| Spindle Bore | 1.50" | 38 mm |
| Spindle Bore Taper | Morse #5 | |
| Spindle Speeds | 8 (70 – 2000 rpm) | |
| Travel of Top Slide | 2.68" | 68 mm |
| Travel of Cross Slide | 6.29" | 160 mm |
| Max. Tool Selection | .625" x .625" | 16 mm x 16 mm |
| Longitudinal Feed Range | 0.001" – 0.0137"/rev | 0.026 – 0.348 mm/rev |
| Cross Feed Range | 0.0002" – 0.0037"/rev | 0.007 – 0.094mm/rev |
| Metric Thread Range | 0.45– 10 mm | |
| Sleeve Diameter | 1.259" | 32 mm |
| Sleeve Taper | Morse #3 | |
| Power Requirements | 220V, 1-phase | |
| Main Motor | 2Hp | 1.5Kw |
| Shipping Dimensions (L x W x H) | 79" x 33" x 59" | 2007 x 838 x 1500 mm |
| Shipping Weight | 1,521 lbs. | 690 kgs. |

Specifications subject to change without notice.

- ◆ 2-axis digital readout
- ◆ 6" three jaw chuck
- ◆ 8" four jaw chuck
- ◆ Face plate
- ◆ Steady rest
- ◆ Follow rest
- ◆ Quick change tool holder
- ◆ Foot brake
- ◆ Coolant system with splash guard
- ◆ Removable chip tray
- ◆ 220V single phase



Lathes – PL-1440E

- ◆ 2-axis digital readout
- ◆ 6" three jaw chuck
- ◆ 8" four jaw chuck
- ◆ Face plate
- ◆ Steady rest
- ◆ Follow rest
- ◆ Micrometer saddle stop
- ◆ Quick change tool holder
- ◆ Foot brake
- ◆ Coolant system with splash guard
- ◆ Removable chip tray
- ◆ Fully assembled
- ◆ 220V 1-phase



| SPECIFICATIONS – PL-1440E | | |
|---------------------------------|-----------------------|----------------------|
| Swing Over Bed | 14" | 360 mm |
| Swing Over Cross Slide | 9" | 230 mm |
| Swing in Gap | 20" | 508 mm |
| Distance Between Centers | 39.36" | 1000 mm |
| Width of Bed | 7.325" | 186 mm |
| Spindle Nose | D1-4" | |
| Spindle Bore | 1.50" | 38 mm |
| Spindle Bore Taper | Morse #5 | |
| Spindle Speeds | 8 (70 – 2000 rpm) | |
| Travel of Top Slide | 2.68" | 68 mm |
| Travel of Cross Slide | 6.29" | 160 mm |
| Max. Tool Selection | .625" x .625" | 16 mm x 16 mm |
| Longitudinal Feed Range | 0.001" – 0.0137"/rev | 0.026 – 0.348 mm/rev |
| Cross Feed Range | 0.0002" – 0.0037"/rev | 0.007 – 0.094mm/rev |
| Metric Thread Range | 0.45– 10 mm | |
| Sleeve Diameter | 1.259" | 32 mm |
| Sleeve Taper | Morse #3 | |
| Power Requirements | 220V, 1-phase | |
| Main Motor | 2Hp | 1.5kw |
| Shipping Dimensions (L x W x H) | 79" x 33" x 59" | 2007 x 838 x 1500 mm |
| Shipping Weight | 1,521 lbs. | 690 kgs. |

Specifications subject to change without notice.

Lathes – PL-1860E

SPECIFICATIONS – PL-1860E

| | | |
|---------------------------------|----------------------------|-----------------------|
| Max Swing Over Bed | 18" | 460 mm |
| Max Swing Over Cross Slide | 10.75" | 273 mm |
| Max Swing Through Gap | 27.5 | 700 mm |
| Center Length | 60" | 1524 mm |
| Spindle Nose | D1 – 8 | |
| Spindle Bore | 3.125" | 80 mm |
| Spindle Taper (nose) | Morse #5 | |
| Spindle Taper (sleeve) | Morse #7 | |
| Speed Number | 12 | |
| Speed Range | 25 – 1800 rpm | |
| Cross Slide Travel | 10.50" | 267 mm |
| Compound Rest Travel | 5.125" | 130 mm |
| Threads | | |
| Imperial (qty / type) | 61 / 1-5/8 – 72 T.P.I. | |
| Metric (qty / type) | 24 / .5-20 mm Pitch | |
| Longitudinal Feeds | | |
| Imperial (qty / type) | 122 / .0015" – .0913" rev. | |
| Cross Feed | | |
| Imperial (qty / type) | 122 / .006" – .0635" rev. | |
| Tailstock (quill) Travel | 6.0" | 153 mm |
| Tailstock (quill) Taper | Morse #5 | |
| Motor Coolant | 1/8 hp | .093 kw |
| Motor Main | 7.5 hp | 5.5 kw |
| Power Requirement | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 116" x 45" x 66" | 2950 x 1143 x 1677 mm |
| Shipping Weight | 5,650 lbs. | 2570 kgs. |

Specifications subject to change without notice.

- ◆ 2-axis digital readout
- ◆ 3-1/8" spindle bore
- ◆ 8" three jaw chuck
- ◆ 13" four jaw chuck
- ◆ Face plate steady rest
- ◆ Follow rest
- ◆ Quick change tool holder
- ◆ Coolant system
- ◆ Coolant system with splash guard
- ◆ 5 longitudinal feed stops
- ◆ 220V 3-phase



Lathes – PL-1340

- ◆ Capacity—
13" swing over bed, 40"
between centers
- ◆ Mitutoyo 2-axis DRO—standard
- ◆ 8-step spindle speed
- ◆ 6" three-jaw chuck
- ◆ Integrated coolant system
- ◆ Headstock chuck guard with
micro switch cutout
- ◆ 4-way quick change tool post
with guard
- ◆ 220V 1-phase



| SPECIFICATIONS – PL-1340 | | |
|---------------------------------|-----------------------------|----------------------|
| Max Swing Over Bed | 13" | 330 mm |
| Max Swing Over Cross Slide | 7.79" | 198 mm |
| Max Swing in Gap | | |
| Diameter | 18.75" | 477 mm |
| Length | 4.5" | 115 mm |
| Center | | |
| Height | 6.5" | 165 mm |
| Length | 39" | 990 mm |
| Bed | | |
| Width | 7.375" | 188 mm |
| Length | 5.125" | 130 mm |
| Height | 11.41" | 290 mm |
| Spindle | | |
| Bore | 1.5" | 38 mm |
| Nose | D1 –4" | |
| Taper (nose) | Morse #5 | |
| Taper (sleeve) | Morse #3 | |
| Speeds | | |
| Number | 8 | |
| Range | 70 – 2000 rpm | |
| Cross Slide | | |
| Width | 4.625" | 118 mm |
| Travel | 6.29" | 160 mm |
| Compound Rest | | |
| Width | 3" | 76 mm |
| Travel | 2.68" | 68 mm |
| Lead Screw | | |
| Diameter | .875" | 22 mm |
| Thread | 8 T.P.I. | |
| Feed Rod | .75 dia. | 19 mm |
| Cutting Tool (max. section) | .625" x .625" | 16 mm x 16 mm |
| Threads | | |
| Imperial (qty./type) | 31 / 4–56 T.P.I. | |
| Metric (qty./type) | 26 / 4–7 mm pitch | |
| Diametrical (qty./type) | 32 / 8–120 D.P. | |
| Module (qty./type) | 21 / .2–3 M.P. | |
| Longitudinal Feeds | | |
| Imperial (qty./speed) | 32 / .0020" – .5480" / rev. | |
| Metric (qty./speed) | 32 / .052 – 13.92 mm / rev. | |
| Cross Feeds | | |
| Imperial (qty./speed) | 32 / .0007" – .0187" / rev. | |
| Metric (qty./speed) | 32 / .018 – .475 mm / rev. | |
| Tailstock | | |
| Diameter | 1.65" | 42 mm |
| Travel | 4.5" | 114 mm |
| Taper | Morse #3 | |
| Set Over | +/- .375" | +/- 10 mm |
| Motor Coolant | 1/8 hp | |
| Motor Main | 2 hp | |
| Power Requirement | 220V / 1-phase | |
| Shipping Dimensions (L x W x H) | 79" x 33" x 59" | 2006 x 838 x 1500 mm |
| Shipping Weight | 1,628 lbs. | 740 kgs. |

Specifications subject to change without notice.

Lathes – PL-1640

SPECIFICATIONS – PL-1640

| | | |
|---------------------------------|-----------------------------|-----------------------|
| Max Swing Over Bed | 16" | 407 mm |
| Max Swing Over Cross Slide | 9.45" | 240 mm |
| Max Swing in Gap | | |
| Diameter | 23.42" | 595 mm |
| Length | 6.125" | 155 mm |
| Center | | |
| Height | 7.086" | 180 mm |
| Length | 40" | 1016 mm |
| Bed | | |
| Width | 11.81" | 300 mm |
| Length | 74.75" | 1900 mm |
| Height | 12.20" | 310 mm |
| Spindle | | |
| Bore | 2.0625" | 52 mm |
| Nose | D1 –6" | |
| Taper (nose) | Morse #6 | |
| Taper (sleeve) | Morse #4 | |
| Speeds | | |
| Number | 12 | |
| Range | 30 – 2000 rpm | |
| Cross Slide | | |
| Width | 7.08" | 180 mm |
| Travel | 9" | 230 mm |
| Compound Rest | | |
| Width | 4.33" | 110 mm |
| Travel | 4.75" | 120 mm |
| Lead Screw | | |
| Diameter | 1.25" | 32 mm |
| Thread | 4 T.P.I. | |
| Feed Rod | .708 dia. | 18 mm |
| Cutting Tool (max. section) | .625" x .625" | 16 mm x 16 mm |
| Threads | | |
| Imperial (qty./type) | 40 / 2–56 T.P.I. | |
| Metric (qty./type) | 53 / 4–14 mm pitch | |
| Diametrical (qty./type) | 32 / 4–32 D.P. | |
| Module (qty./type) | 44 / .4–7 M.P. | |
| Longitudinal Feeds | | |
| Imperial (qty./speed) | 40 / .0012" – .0252" / rev. | |
| Metric (qty./speed) | 40 / .032 – .640 mm / rev. | |
| Cross Feeds | | |
| Imperial (qty./speed) | 40 / .0006" – .0126" / rev. | |
| Metric (qty./speed) | 40 / .015 – .320 mm / rev. | |
| Tailstock | | |
| Diameter | 2.125" | 54 mm |
| Travel | 4.75" | 120 mm |
| Taper | Morse #4 | |
| Motor Coolant | 1/8 hp | |
| Motor Main | 7.5 hp | |
| Power Requirement | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 91" x 65" x 44" | 2311 x 1651 x 1118 mm |
| Shipping Weight | 4,400 lbs. | 2000 kgs. |

- ◆ Capacity—
16" swing over bed, 40"
between centers
- ◆ Mitutoyo 2-axis DRO—standard
- ◆ 12–step spindle speed
- ◆ 8" three-jaw chuck
- ◆ Integrated coolant system
- ◆ Headstock chuck guard with
micro switch cutout
- ◆ 4-way quick change tool post
with guard
- ◆ 4 longitudinal feed stops
- ◆ 220V 3-phase



Specifications subject to change without notice.

Lathes – PL-1860

- ◆ Capacity—
18" swing over bed, 60"
between centers
- ◆ Mitutoyo 2-axis DRO—standard
- ◆ 12-step spindle speed
- ◆ 8" three-jaw chuck
- ◆ Integrated coolant system
- ◆ Headstock chuck guard with
micro switch cutout
- ◆ 4-way quick change tool post
with guard
- ◆ Micrometer saddle stop
- ◆ 4 longitudinal feed stops
- ◆ 220V 3-phase



| SPECIFICATIONS – PL-1860 | | |
|---------------------------------|-----------------------------|-----------------------|
| Max Swing Over Bed | 18" | 458 mm |
| Max Swing Over Cross Slide | 11.3125" | 288 mm |
| Max Swing in Gap | | |
| Diameter | 25.196" | 640 mm |
| Length | 6.125" | 155 mm |
| Center | | |
| Height | 9" | 230 mm |
| Length | 60" | 1524 mm |
| Bed | | |
| Width | 11.81" | 300 mm |
| Length | 74.75" | 1900 mm |
| Height | 12.20" | 310 mm |
| Spindle | | |
| Bore | 2.375" | 60 mm |
| Nose | D1 –6" | |
| Taper (nose) | Morse #6 | |
| Taper (sleeve) | Morse #4 | |
| Speeds | | |
| Number | 12 | |
| Range | 30 – 2000 rpm | |
| Cross Slide | | |
| Width | 7.08" | 180 mm |
| Travel | 9" | 230 mm |
| Compound Rest | | |
| Width | 4.92" | 125 mm |
| Travel | 5.31" | 135 mm |
| Lead Screw | | |
| Diameter | 1.25" | 32 mm |
| Thread | 4 T.P.I. | |
| Feed Rod | .708 dia. | 18 mm |
| Cutting Tool (max. section) | .625" x .625" | 16 mm x 16 mm |
| Threads | | |
| Imperial (qty./type) | 40 / 2–56 T.P.I. | |
| Metric (qty./type) | 53 / 4–14 mm pitch | |
| Diametrical (qty./type) | 32 / 4–32 D.P. | |
| Module (qty./type) | 44 / 4–7 M.P. | |
| Longitudinal Feeds | | |
| Imperial (qty./speed) | 40 / .0012" – .0252" / rev. | |
| Metric (qty./speed) | 40 / .032 – .640 mm / rev. | |
| Cross Feeds | | |
| Imperial (qty./speed) | 40 / .0006" – .0126" / rev. | |
| Metric (qty./speed) | 40 / .015 – .320 mm / rev. | |
| Tailstock | | |
| Diameter | 2.125" | 54 mm |
| Travel | 4.75" | 120 mm |
| Taper | Morse #4 | |
| Motor Coolant | 1/8 hp | |
| Motor Main | 7.5 hp | |
| Power Requirement | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 112" x 65" x 44" | 2845 x 1651 x 1118 mm |
| Shipping Weight | 5,060 lbs. | 2300 kgs. |

Specifications subject to change without notice.

Lathes – PL-2060

SPECIFICATIONS – PL-2060

| | | |
|---------------------------------|------------------------------|-----------------------|
| Max Swing Over Bed | 20" | 510 mm |
| Max Swing Over Cross Slide | 13" | 330 mm |
| Max Swing in Gap | | |
| Diameter | 26.375" | 670 mm |
| Length | 7.0625" | 180 mm |
| Center | | |
| Height | 10" | 255 mm |
| Length | 60.25" | 1530 mm |
| Bed | | |
| Width | 16.125" | 410 mm |
| Spindle | | |
| Bore | 3.125" | 80 mm |
| Nose | D1 – 8" | |
| Taper (nose) | Morse #7 | |
| Taper (sleeve) | Morse #5 | |
| Speeds | | |
| Number | 12 | |
| Range | 20 – 1550 rpm | |
| Cross Slide | | |
| Travel | 12.5" | 320 mm |
| Compound Rest | | |
| Travel | 10" | 255 mm |
| Lead Screw | | |
| Diameter | 1.5" | 38 mm |
| Thread | 4 T.P.I. | 6 mm |
| Threads | | |
| Imperial (qty./type) | 60 / 2 – 112 T.P.I. | |
| Metric (qty./type) | 60 / 2 – 14 mm pitch | |
| Diametrical (qty./type) | 50 / 4 – 112 D.P. | |
| Module (qty./type) | 50 / 2-7 M.P. | |
| Longitudinal Feeds | | |
| Imperial (qty./speed) | 50 / .0014" – .0387" / rev. | |
| Metric (qty./speed) | 50 / .037 – .983 mm / rev. | |
| Cross Feeds | | |
| Imperial (qty./speed) | 50 / .0007" – .01935" / rev. | |
| Metric (qty./speed) | 50 / .0185 – .52 mm / rev. | |
| Tailstock | | |
| Diameter | 2.9375" | 75 mm |
| Travel | 6.3125" | 160 mm |
| Taper | Morse #5 | |
| Motor Coolant | 1/8 hp | |
| Motor Main | 15 hp | |
| Power Requirement | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 121" x 54" x 67" | 3074 x 1372 x 1702 mm |
| Shipping Weight | 5,456 lbs. | 2480 kgs. |

Specifications subject to change without notice.

- ◆ Capacity—
20" swing over bed, 60" between centers
- ◆ Mitutoyo 2-axis DRO—standard
- ◆ 12–step spindle speed
- ◆ 12" three-jaw chuck
- ◆ Integrated coolant system
- ◆ Headstock chuck guard with micro switch cutout
- ◆ 4-way quick change tool post with guard
- ◆ Micrometer saddle stop
- ◆ Longitudinal rapid traverse
- ◆ 4 longitudinal feed stops
- ◆ 220V 3-phase



- ◆ Capacity—
20" swing over bed, 80" between centers
- ◆ Mitutoyo 2-axis DRO—standard
- ◆ 12-step spindle speed
- ◆ 12" three-jaw chuck
- ◆ Integrated coolant system
- ◆ Headstock chuck guard with micro switch cutout
- ◆ 4-way quick change tool post with guard
- ◆ Micrometer saddle stop
- ◆ Longitudinal rapid traverse
- ◆ 4 longitudinal feed stops
- ◆ 220V 3-phase



| SPECIFICATIONS – PL-2080 | | |
|---------------------------------|------------------------------|-----------------------|
| Max Swing Over Bed | 20" | 510 mm |
| Max Swing Over Cross Slide | 13" | 330 mm |
| Max Swing in Gap | | |
| Diameter | 26.375" | 670 mm |
| Length | 7.0625" | 180 mm |
| Center | | |
| Height | 10" | 255 mm |
| Length | 80.313" | 2040 mm |
| Bed | | |
| Width | 16.125" | 410 mm |
| Spindle | | |
| Bore | 3.125" | 80 mm |
| Nose | D1 – 8" | |
| Taper (nose) | Morse #7 | |
| Taper (sleeve) | Morse #5 | |
| Speeds | | |
| Number | 12 | |
| Range | 20 – 1550 rpm | |
| Cross Slide | | |
| Travel | 12.5" | 320 mm |
| Compound Rest | | |
| Travel | 10" | 255 mm |
| Lead Screw | | |
| Diameter | 1.5" | 38 mm |
| Thread | 4 T.P.I. | |
| Threads | | |
| Imperial (qty./type) | 60 / 2–112 T.P.I. | |
| Metric (qty./type) | 60 / 2–14 mm pitch | |
| Diametrical (qty./type) | 50 / 4–112 D.P. | |
| Module (qty./type) | 50 / 2-7 M.P. | |
| Longitudinal Feeds | | |
| Imperial (qty./speed) | 50 / .0014" – .0387" / rev. | |
| Metric (qty./speed) | 50 / .037 – .983 mm / rev. | |
| Cross Feeds | | |
| Imperial (qty./speed) | 50 / .0007" – .01935" / rev. | |
| Metric (qty./speed) | 50 / .0185 – .52 mm / rev. | |
| Tailstock | | |
| Diameter | 2.9375" | 75 mm |
| Travel | 6.3125" | 160 mm |
| Taper | Morse #5 | |
| Motor Coolant | 1/8 hp | |
| Motor Main | 15 hp | |
| Power Requirement | 220V / 3-phase | |
| Shipping Dimensions (L x W x H) | 121" x 54" x 67" | 3074 x 1372 x 1702 mm |
| Shipping Weight | 6,050 lbs. | 2750 kgs. |

Specifications subject to change without notice.

Vises – BV-3B / BV-3DP

Baileigh Industrial's line of work holding vises will give you years of worry free operation. Our vises are made to the highest tolerances which in turn eliminates jaw play and maintains smooth motion over its years of use.

Along with our vises, we also offer a heavy duty stand that allows you to either mount your vise and use it as a stand-alone or as a stand for another piece of Baileigh machinery, such as a grinder. For more information on the Baileigh Industrial line of vises or stands visit www.baileigh.com or call 920-482-3230 and speak to a representative today.

BV-3B

- ◆ 3" sliding bar vise
- ◆ Jaws slide on steel bar for precise alignment one piece cast iron body
- ◆ Fixed prismatic jaws with cross V-grooves
- ◆ 3" max vise opening
- ◆ 3.22" wide jaws
- ◆ 1/2" mounting slots
- ◆ Base size is 5.6" x 6.25"
- ◆ Weighs just 7 lbs



BV-3DP

- ◆ 3" Drill Press Vise
- ◆ 1.5 tons of clamping force jaws hardened to 50 HRc
- ◆ Handle and Jaws have a black oxide finish
- ◆ one piece cast iron body
- ◆ Fixed prismatic jaws with cross V-grooves
- ◆ 3.188" max vise opening
- ◆ 3.30" wide jaws
- ◆ 7/16" mounting slot
- ◆ Base size is 6.5" x 6.5"
- ◆ Weighs just 8 lbs

Vises – BV-4B / BV-4Q / BV-4M-3



BV-4B

- ◆ 4" sliding bar Vise
- ◆ Jaws slide on steel bar for precise alignment one piece cast iron body
- ◆ Fixed prismatic jaws with cross V-grooves
- ◆ 3.5" max vise opening
- ◆ 4" wide jaws
- ◆ 1/2" mounting slots
- ◆ Base size is 6.5" x 7"
- ◆ Weighs just 8 lbs



BV-4Q

- ◆ 4" quick jaw vise
- ◆ Includes guide rail for increased accuracy 1 ton of clamping force jaws hardened to 50 HRC
- ◆ Handle and jaws have a black oxide finish one piece cast iron body
- ◆ Fixed prismatic jaws with cross V-grooves
- ◆ 4.09" max vise opening
- ◆ 4.09" wide jaws
- ◆ Base size is 9.44" x 5.27"
- ◆ Weights 15 lbs

BV-4M-3

- ◆ 4" drill press vise
- ◆ 3 unique mounting surfaces 1.6 tons of clamping force jaws hardened to 50 HRC
- ◆ Handle and jaws have a black oxide finish one piece cast iron body
- ◆ Fixed prismatic jaws with cross V-grooves
- ◆ 3.97" max vise opening
- ◆ 4.09" wide jaws
- ◆ 1/2" mounting slot
- ◆ Base size is 13.38" x 8.22"
- ◆ Weights 13 lbs

Vises – BV-6Q / BV-6M / BV-8M



BV-6Q

- ◆ 6-1/4" drill vise
- ◆ Sliding jaw with cam action locking handle for quick set ups.
- ◆ All steel and cast-iron construction
- ◆ 1-5/8" jaw height
- ◆ 6" maximum jaw opening
- ◆ 4 mounting slots in base
- ◆ 33 lbs



BV-6M

- ◆ 5-3/4" milling vise
- ◆ Includes swiveling base
- ◆ Can be removed from swivel base for fixed mounting
- ◆ All steel and cast-iron body
- ◆ Reversible jaws for external work holding
- ◆ 5" maximum jaw opening
- ◆ 11-7/16" mount spacing (5/8" bolts)
- ◆ 77 lbs



BV-8M

- ◆ 7-1/2" milling vise
- ◆ Includes swiveling base
- ◆ Can be removed from swivel base for fixed mounting
- ◆ All steel and cast-iron body
- ◆ Reversible jaws for external work holding
- ◆ 9" maximum jaw opening
- ◆ 12-9/16" mount spacing (3/4" bolts)
- ◆ 95 lbs



BV-4i

- ◆ 4" industrial bench vise
- ◆ 3 tons of clamping force
- ◆ Made of durable ductile cast iron (60,000PSI tensile strength) one piece cast iron body
- ◆ Replaceable top jaws
- ◆ Integrated pipe jaws
- ◆ 5" max vise opening
- ◆ 4.48" wide jaws
- ◆ 2.6" throat depth
- ◆ 1/4" – 2" pipe capacity
- ◆ Net weight 17.5 lbs



BV-5i

- ◆ 5" industrial bench vise
- ◆ 3.5 tons of clamping force
- ◆ Made of durable ductile cast iron (60,000PSI tensile strength) one piece cast iron body
- ◆ Replaceable top jaws
- ◆ Integrated pipe jaws
- ◆ 5.9" max vise opening
- ◆ 5.5" wide jaws
- ◆ 3.14" throat depth
- ◆ 1/4" – 2" pipe capacity
- ◆ Net weight 26 lbs

Vises – BV-6i / BV-8i



BV-6i

- ◆ 6" industrial bench vise
- ◆ 4.5 tons of clamping force
- ◆ Made of durable ductile cast iron (60,000PSI tensile strength) one piece cast iron body
- ◆ Replaceable top jaws
- ◆ Integrated pipe jaws
- ◆ 7" max vise opening
- ◆ 6.5" wide jaws
- ◆ 3.81" throat depth
- ◆ 1/4" – 3" pipe capacity
- ◆ Net weight 40 lbs



BV-8i

- ◆ 8" industrial bench vise
- ◆ 5 tons of clamping force
- ◆ Made of durable ductile cast iron (60,000PSI tensile strength) one piece cast iron body
- ◆ Replaceable top jaws
- ◆ Integrated pipe jaws
- ◆ 9" max vise opening
- ◆ 8" wide jaws
- ◆ 4" throat depth
- ◆ 1/4" – 3" pipe capacity
- ◆ Net weight 57 lbs



BTS-33

- ◆ Universal tool stand
- ◆ Perfect for grinders or vices
- ◆ Multiple mounting holes for numerous tools
- ◆ 33" tall
- ◆ Heavy duty cast iron base
- ◆ Integrated tool pocket/ water cup
- ◆ 62 lbs



BV-5P

- ◆ 5" multijaw bench vise
- ◆ Cast iron body
- ◆ Includes parallel, pipe, and V-jaws
- ◆ Vise swivels 360° on base
- ◆ Vise head rotates 360°
- ◆ 5-1/8" parallel jaw width
- ◆ 4" parallel jaw opening
- ◆ 3-1/2" pipe jaw opening
- ◆ 4-1/2" V-jaw opening
- ◆ 60 lbs

Vises – BV-6HV



- ◆ 6" heavy duty hitch vise
- ◆ Can be hitch or bench mounted
- ◆ Designed for 2" receiver
- ◆ Includes 4 vibration adjustment screws
- ◆ Made durable ductile cast iron (60,000PSI tensile strength)
- ◆ One piece cast iron body
- ◆ Replaceable top jaws
- ◆ Integrated pipe jaws
- ◆ 2.5 tons of clamping force (hitch mounted)
- ◆ 3.5 tons of clamping force (bench mounted)
- ◆ 5.5" max vise opening
- ◆ 5.9" Wide jaws
- ◆ 5" throat depth
- ◆ 1/4" - 3-1/2" pipe capacity
- ◆ Large anvil work surface: 5-3/4" x 2.51"
- ◆ Net weight 28 lbs



Shop Carts – B-Cart / B-CartX2

| SPECIFICATIONS – B-Cart | | |
|-------------------------|-----------|-----------------|
| Capacity | 660 lbs. | 300 . |
| Table Size | 32" x 20" | 820 mm x 520 mm |
| Minimum Height | 10.2" | 240 mm |
| Maximum Height | 30.7" | 750 mm |
| Shipping Weight | 143 lbs. | 65 kgs. |

Specifications subject to change without notice.

| SPECIFICATIONS – B-CartX2 | | |
|---------------------------|-----------|-----------------|
| Capacity | 660 lbs. | 300 kgs. |
| Table Size | 32" x 20" | 820 mm x 520 mm |
| Minimum Height | 14.1" | 360 mm |
| Maximum Height | 47.2" | 1220 mm |
| Shipping Weight | 227 lbs. | 103 kgs. |

Specifications subject to change without notice.



Hydraulic Lift Tables – HLT-4400

SPECIFICATIONS – HLT-4400

| | | |
|--------------------|-------------------------|-----------------------------|
| Table Size | 63" x 39" | 1600 mm x 990 mm |
| Base Size | 48" x 31" | 1220 mm x 790 mm |
| Max Table Height | 39" | 990 mm |
| Min Table Height | 9" | 228 mm |
| Travel Speed | 25 sec. for Max. Height | |
| Capacity | 4400 lbs. | 2000 kgs. |
| Power | 220V Single Phase | 240V Single Phase / 50 hz |
| Shipping Dimension | 60" x 44" x 48" | 1525 mm x 1120 mm x 1220 mm |
| Shipping Weight | 600 lbs. | 275 kgs. |

- ◆ 4400 lbs. capacity
- ◆ 63" x 39" table
- ◆ Safety interlocked
- ◆ 220V single phase

Note: down pressure safety switch included.
Specifications subject to change without notice.



Shop Cooling Fans – BCF-3019



- ◆ Cools up to 3000 sq. ft.
- ◆ 3 fan speeds
- ◆ Compact size with small footprint (2' x 4')
- ◆ Efficiently cools with minimal increase to air humidity
- ◆ Runs more than 10 hours on a full tank of water
- ◆ Does not require a permanent water source
- ◆ Automatic low water shut-off
- ◆ Operates on a standard 120 volt outlet
- ◆ Portable
- ◆ Easy-to-use locking foot brake
- ◆ 12-inch solid rubber tires will never go flat
- ◆ Suitable for both indoor and outdoor use
- ◆ No break-in period – ready to use out of the box
- ◆ No lengthy shut-down procedure
- ◆ Does not require purchase of replacement pads
- ◆ Two on-board 120V GFCI accessory power outlets
- ◆ Proudly made in the USA

| SPECIFICATIONS – BCF-3019 | |
|------------------------------|-----------------------|
| Drive Type | Direct |
| Noise | 77.5 db at 5 ft. |
| Motor Hp | 1/2 hp |
| Blade Speeds | 400/800/1100 RPM |
| Cooling System | 6 Atomized Nozzles |
| Cooling Coverage (Sq. Ft.) | 3,000 |
| Air Flow (CFM) | 8,462 (high speed) |
| Air Velocity (MPH) | 22.3 (high speed) |
| Fan Diameter | 30" |
| Tank Capacity | 19 Gallons |
| Run Time | 10 hours on full tank |
| Speeds | 3 |
| Power | 110V |
| AMP Draw | 10.3 A |
| Shipping Dimensions (Inches) | 69 x 44 x 77 |
| Shipping Weight | 450 lbs. |

Specifications subject to change without notice.



Phase Converters

Baileigh Industrial has been in the business of selling quality machinery for nearly 20 years and in that time many customers needed a machine for their application that just wouldn't work for them because of the power requirements. Baileigh has come up with a solution for those customers, enter American Rotary. Baileigh Industrial has teamed up with American Rotary phase converters to make these machines available to everybody.

American rotary has been making premium rotary phase converters in the USA for more than a decade. American Rotary has led the industry in innovation and design and have introduced, field-tested, and proven technologically advanced features which have driven increases in the reliability and precision voltage balancing capabilities of phase conversion unmatched in the industry.

Needless to say, Baileigh Industrial is excited about this partnership and bringing more machinery options to our customers. To find the right phase converter for your application contact a Baileigh representative at 920-482-3230 today



ADX10



ADX20



ADX40



Aaron Kaufman – Arclight Fabrication Company

"I didn't know much about Baileigh when we started Fast and Loud, perhaps I had seen an ad or two but had never used the equipment. When the garage decided to go with Baileigh machines I was beside myself with excitement. I knew that the proper equipment would be instrumental in realizing my creative ambitions, and the better I got with the machines the wilder my ambitions grew. When I was finally able to afford a little shop, there was no question where I would buy the equipment. I felt that my money went the furthest with Baileigh so I replicated what we had at work in my shop and have been very pleased with my purchase. Ultimately, Baileigh Industrial equipment has unlocked so many possibilities in my shop, it's hard to imagine building cars without these tools."