



**TAJFUN®**



## **PRODUCT CATALOG**

**Firewood Processors – RCA**  
**Logging Winches**  
**Tractor Crane – DOT**  
**Forestry Trailers – GAP**  
**Tajfun Forestry Information System**



Tajfun Planina d.o.o., founded in 1967, provides complete and integrated solutions in the field of forestry machinery with efficient service, after sale support and comprehensive sales networks in more than 50 countries around the world. Our primary products include single and double drum logging winches, firewood processors, hydraulic tractor crane, suspension cranes, Tajfun forestry information system and forestry accessories. We completely test each individual machine for full functionality, ensuring we meet significant international quality and safety standards. The

use of the most advanced CNC machines, top technology, laser cutters and highly sensitive tools contribute to our advanced manufacturing process. Our goal is to create powerful, user-friendly and secure forestry machines, supported by a forestry information system to facilitate work in the forest. We provide complete and competitive solutions to meet the needs of the forestry industry. Through intensive development, we have chosen our path and directed our vision to become the leading producer of forestry mechanization in the world.





## **FIREWOOD PROCESSORS – RCA**

<b>RCA 330 FUN</b>	<b>2–37</b>
<b>RCA 330 JOY</b>	<b>4, 17</b>
<b>RCA 380</b>	<b>6, 17</b>
<b>RCA 400 JOY</b>	<b>8, 18</b>
<b>RCA 480 JOY, RCA 480 JOY PLUS</b>	<b>10, 19</b>
<b>RCA ACCESSORIES</b>	<b>12, 20</b>
Splitting Wedges	22
Log Loader DM 1511 M	24
Log Loader DM 2000	25
Live Deck RN 2000 S	25
Live Deck RN 3000 S/M	26
Live Deck RN 5000 S/M	28
Mobile Platform Tajfun Oasisi	29
Live Deck RN 1500 F	30
Roller Table E 01	30
Roller Table with a base M 2000	31
Gasoline Power Unit GP 35	32
Hydro Power Unit HP 25	32
Sawdust Extractor Fan	33
Mobile Sawdust Separator GRENC	33
Separator SP 10, SP 11 and SP 3	35
PTO Shafts Tajfun, Walterscheid	35
Cover Roof E 11	36
PO 10 Platform	37

## **LOGGING WINCHES**

	<b>38–67</b>
<b>EGV 65 AHK ZS</b>	<b>44</b>
<b>Double Drum Winch DGV 2 x 55 AHK</b>	<b>45</b>
<b>Logging Winch VIP PRO 90</b>	<b>46</b>
<b>LOGGING WINCH ACCESSORIES</b>	<b>58</b>
BP3 Return Drum	58
Fuel Container Holder	60
Motor Saw Holder	60
Chain Holder	61
Hooks	62
Ball Joints	62
Sliders	62
Wire Rope	62
Snatch Block TAJFUN PS 130	63
Radio Remote Control B&B	64
Actuator	65
Throttle Regulation Module	65
PTO Shafts	65
Hydro Power Unit	66

## **TRACTOR CRANE – DOT**

	<b>68–79</b>
<b>Tractor crane DOT 50K</b>	<b>70</b>
<b>Tractor crane DOT 50ZK</b>	<b>74</b>
Grapple GO-22	78
Grapple GO-026X	79

## **FORESTRY TRAILERS – GAP**

	<b>80–87</b>
<b>Forestry trailer GAP 110</b>	<b>84</b>
<b>Forestry trailer GAP 140</b>	<b>86</b>

## **Tajfun FORESTRY INFORMATION SYSTEM**

	<b>88–91</b>
<b>Electronic Digital Caliper Tajfun BOB 800</b>	<b>90</b>
<b>Software Tajfun MX BOB</b>	<b>91</b>

# FIREWOOD PROCESSORS - RCA




Firewood processors are also available with an integrated bio-oil.



# TAJFUN





Tajfun Firewood Processors, established under the brand name RCA, are essential forestry accessories for processing of wood biomass – logs into firewood. Tajfun product development is constantly directed towards optimal and simple operation for machine operators. You will choose and enjoy Tajfun Firewood processors because they excel in:

- Energy efficiency,
- Simple and fast set up and take down,
- High capacity,
- Compact and rugged construction,
- Simple user friendly controls.



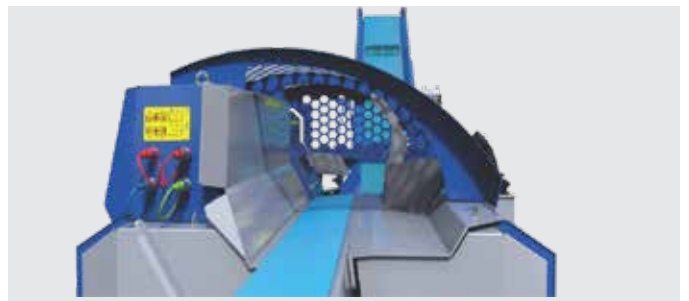


# RCA 330 JOY FUN

- **RCA 330 FUN** – with a PTO Shaft (Required Tractor Power 27 HP; transport – 70 HP)
- Basic version with new Discharge Conveyor **TT 320** (length 6.5', width 12")
- Option – Discharge Conveyor **TT 330** (length 10', width 12") or Discharge Conveyor **TT 340** (13', width 12")
- Option – Oil Cooler



The Foldable Infeed Conveyor (6.5') of highly resistant material.



Before the Hydraulic Log Holder there is a Guide Lean that guides the log and prevents it from hitting the log holder. The Hydraulic Log Holder is used to fix the log and prevent it from spinning and turning.



Hydraulic movable limiter is adjustable (7.8"-15.7"). Limiter comes closer for about 1.6" every time the log is forwarding. It returns to its starting position when log forwarding stops. Therefore the cut piece falls safely into the splitting chamber.



Splitting Cylinder with 110 tons splitting force



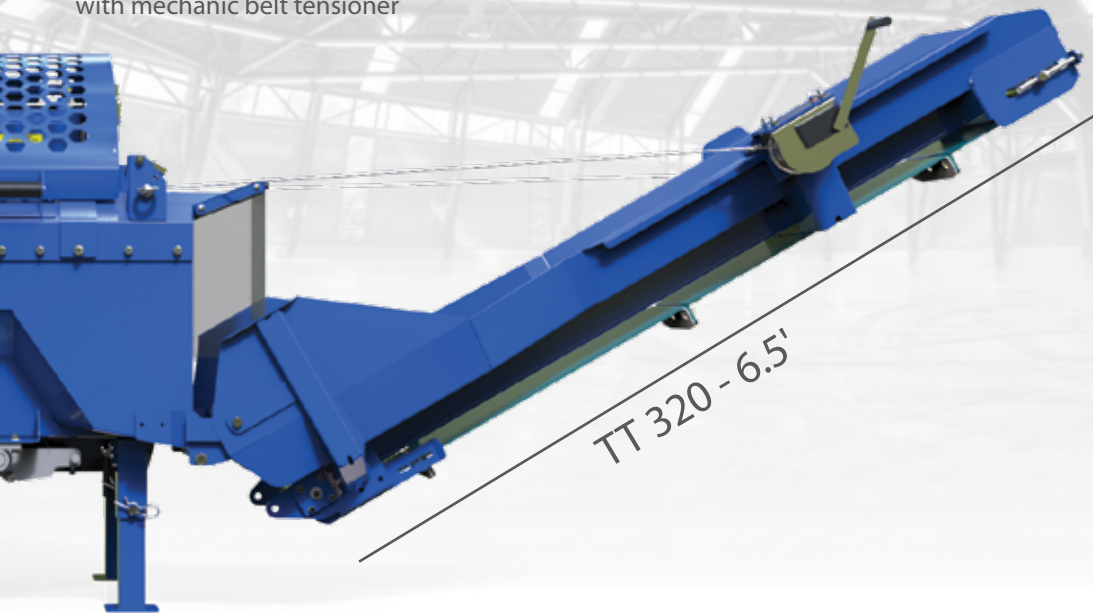
Lattice for Sawdust is located between the splitting wedge and the Discharge Conveyor.



# Discharge Conveyor TT 320



Shorter Discharge Conveyor (6.5') –  
with mechanic belt tensioner



**Mini Joystick** - ergonomic, safe and user friendly operation of main machine functions (infeed in/out, sawing, splitting).



**Main Cover** - safety switch ensures maximum safety by disengaging all major functions when cover is open.



**High cutting speed Chain Saw** 82's (4,000 rpm). Cutting with the chain saw is quick and safe.



Splitting wedge height is set according to log diameter, using operating handle.



Option: Hydraulic Output for RCA accessories (Log Loader or Live Deck)



Option: Operating handle for Log Loader



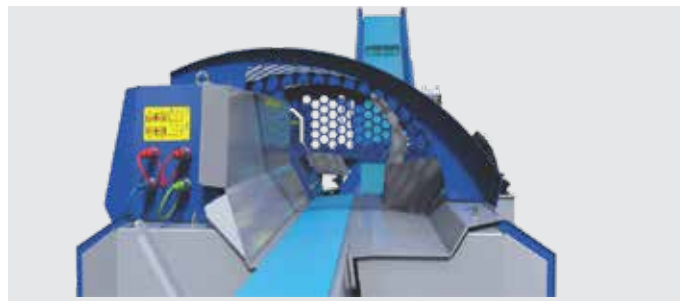
**Transport position:** In-feed and Discharge Conveyor, as well as the Log Loader can be set against the machine and attached. The machine is mounted to the tractor using three point system.

# RCA 330 JOY

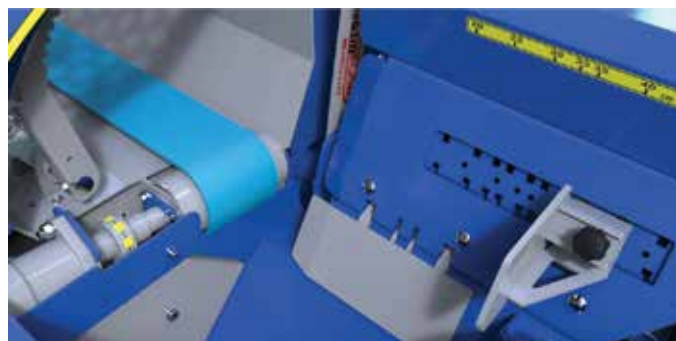
- **RCA 330 JOY** – with a PTO Shaft (Required Tractor Power 35 HP; transport – 70 HP)
- Basic version with new Discharge Conveyor **TT 330**; length 10', width 12"
- Discharge Conveyor **TT 340**; length 13', width 12" (option)
- Optional – with Oil Cooler



The Foldable Infeed Conveyor (6.5') of highly resistant material.



Before the Hydraulic Log Holder there is a Guide Lean that guides the log and prevents it from hitting the log holder. The Hydraulic Log Holder is used to fix the log and prevent it from spinning and turning.



Hydraulic movable limiter is adjustable (7.8"-15.7"). Limiter comes closer for about 1.6" every time the log is forwarding. It returns to its starting position when log forwarding stops. Therefore the cut piece falls safely into the splitting chamber.



The Swinging Lap remains in the horizontal position during cutting. It helps the last cut piece to fall into the splitting chute in the correct way.

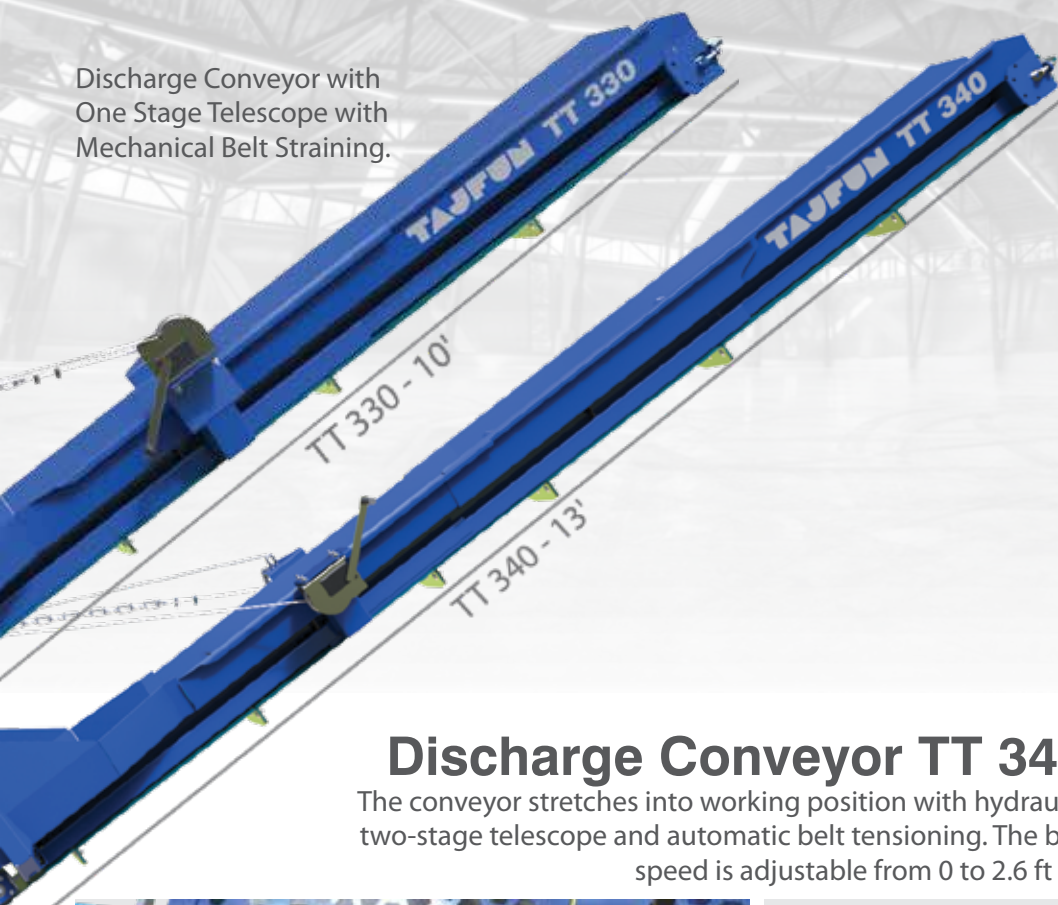


Splitting Cylinder with 11 tons splitting force and quick return.



# Discharge Conveyor TT 330

Discharge Conveyor with One Stage Telescope with Mechanical Belt Straining.



RCA 330 JOY with TT 340 conveyor has an extra button to regulate belt speed.

# Discharge Conveyor TT 340

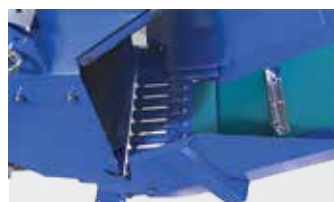
The conveyor stretches into working position with hydraulic, two-stage telescope and automatic belt tensioning. The belt speed is adjustable from 0 to 2.6 ft / s.



»Joystick« – ergonomic, safe and user friendly operation of main machine functions (infeed in/out, sawing, splitting, lifting/lowering of the wedge...).



High cutting speed Chain Saw 82'/s (11,000 rpm). Cutting with the chain saw is quick and safe.



Lattice for Sawdust is located between the splitting wedge and the Discharge Conveyor.



Hydraulic Output for RCA accessories (Log Loader or Live Deck)



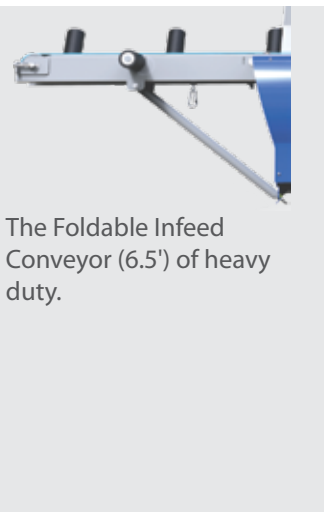
Main Cover – safety switch ensures maximum safety by disengaging all major functions when cover is open.



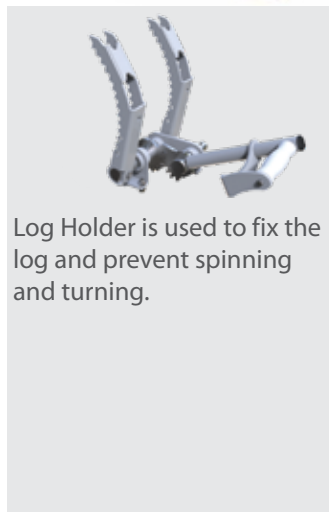
Transport position: In-feed and Discharge Conveyor, as well as the Log Loader can be set against the machine and attached. The machine is mounted to the tractor using three point system.

# RCA 380

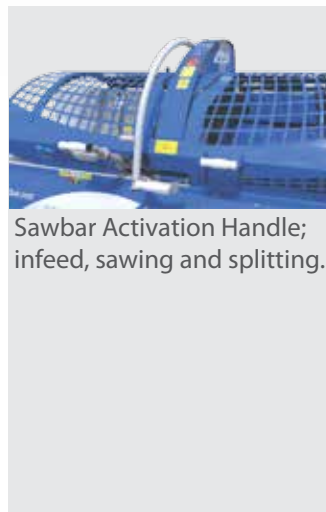
- **RCA 380** – with a PTO Shaft (Required tractor power 35 HP; transport 70 HP)
- Optional – with Oil Cooler
- Basic version with Discharge Conveyor **TT 404**; length 13', width 17"
- Discharge Conveyor **TT 504**; length 16.5', width 17" (option)



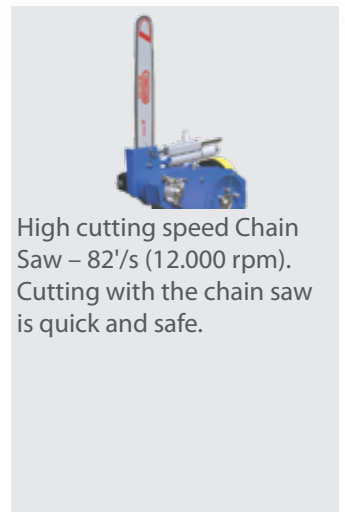
The Foldable Infeed Conveyor (6.5') of heavy duty.



Log Holder is used to fix the log and prevent spinning and turning.



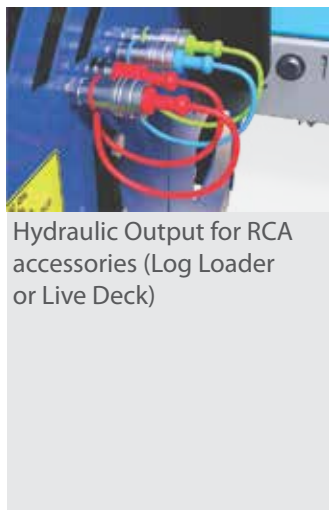
Sawbar Activation Handle; infeed, sawing and splitting.



High cutting speed Chain Saw – 82' / s (12.000 rpm). Cutting with the chain saw is quick and safe.



Lattice for Sawdust is located between the splitting wedge and the Discharge Conveyor.



Hydraulic Output for RCA accessories (Log Loader or Live Deck)

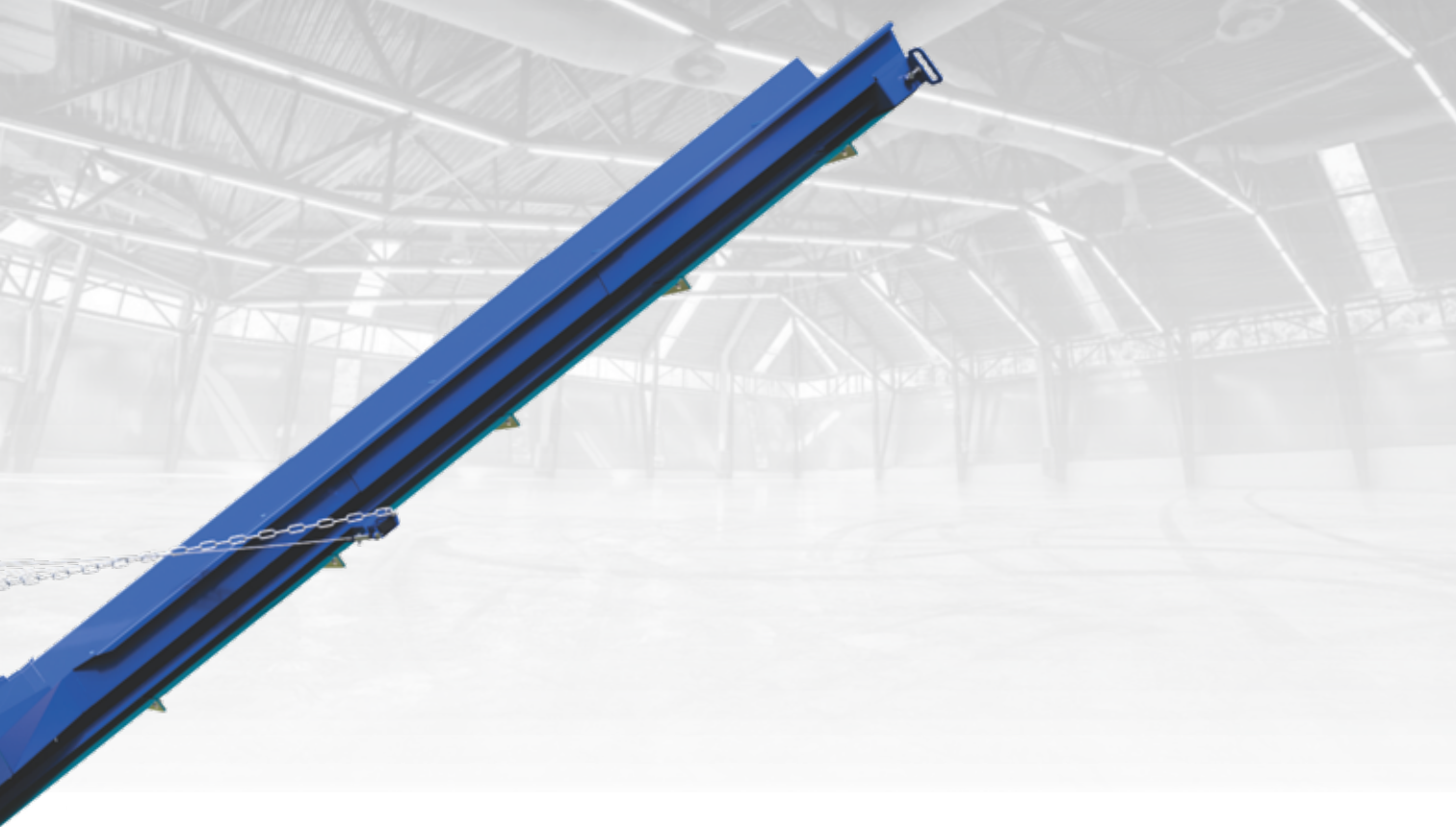


Discharge Conveyor (13') – Standard: with the two-stage telescopic cylinder and automatic hydraulic belt tensioner to change the conveyor from transport to work position.

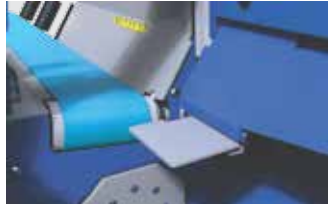


The Discharge Conveyor comes with the inclination index.





The Hydraulic Length Limiter, with offset function can be set from 9.5"–19".



The Swinging Lap remains in the horizontal position during cutting. It helps the last cut piece to fall into the splitting chute in the correct way.



Splitting Cylinder with 15 tons splitting force – Two Splitting speeds, switches automatically.



Splitting wedge height is set according to log diameter, using operating handle.



Manual Winch for changing the inclination of the Discharge Conveyor.



Main Cover – safety switch ensures maximum safety by disengaging all major functions when cover is open.



Transport position: In-feed and Discharge Conveyor, as well as the Log Loader can be set against the machine and attached. The machine is mounted to the tractor using three point system.

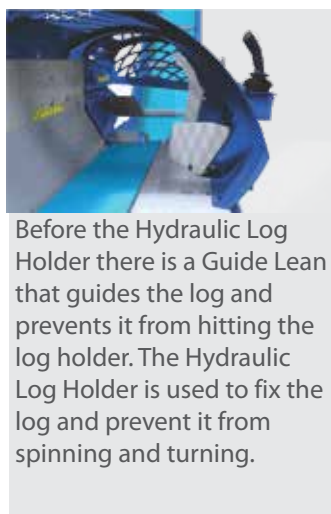
# RCA 400 JOY



- **RCA 400 JOY** – with PTO Shaft (Required tractor power 35 HP; transport 70 HP)
- **RCA 400 JOY TG** – with PTO Shaft and Movable Discharge Conveyor, which allows 15° movement in the left-right direction and simultaneous loading of three pallets
- Basic version with Discharge Conveyor **TT 404**; length 13', width 17"
- Discharge Conveyor **TT 504** and **TT 504 R**; length 16.5', width 17" (option)



The Foldable Infeed Conveyor (6.5') of highly resistant material.



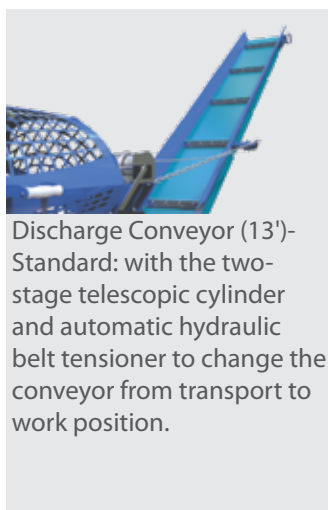
Before the Hydraulic Log Holder there is a Guide Lean that guides the log and prevents it from hitting the log holder. The Hydraulic Log Holder is used to fix the log and prevent it from spinning and turning.



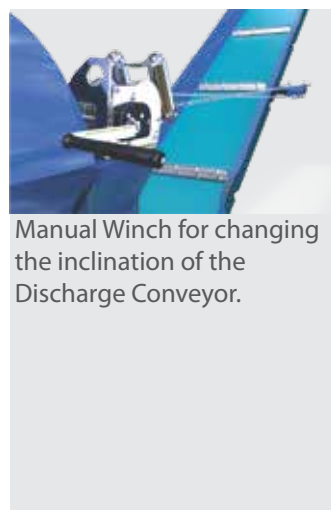
»Joystick« - ergonomic, safe and user friendly operation of main machine functions (infeed in/out, sawing, splitting, lifting/lowering of the wedge...).



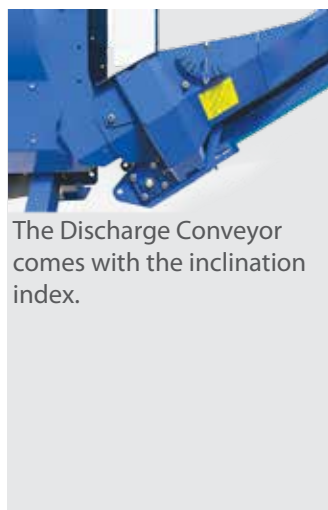
High cutting speed Chain Saw 82's/s (12,000 rpm). Cutting with the chain saw is quick and safe. The cutting chain stops once cutting is complete (with the help of the clutch).



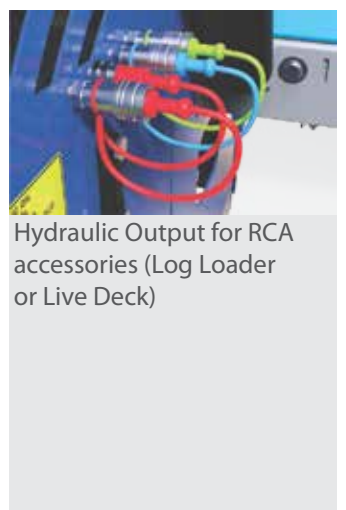
Discharge Conveyor (13')-Standard: with the two-stage telescopic cylinder and automatic hydraulic belt tensioner to change the conveyor from transport to work position.



Manual Winch for changing the inclination of the Discharge Conveyor.



The Discharge Conveyor comes with the inclination index.



Hydraulic Output for RCA accessories (Log Loader or Live Deck)



# Discharge Conveyor TT 504 or TT 504 R

Discharge Conveyor TT 504 is 16.5' long discharge conveyor, which can replace the original 13' discharge conveyor on Tajfun firewood processors RCA 380 and RCA 400 JOY, RCA 400 JOY TG and RCA 480 JOY. When installed, it changes the whole machine dimensions – both in work and transport positions.



Discharge Conveyor **TT 504 R** is 16.5' long and can replace the standard 13' discharge conveyor on firewood processors RCA 400 JOY or RCA 400 JOY TG. A built-in two-way cylinder enables hydraulic positioning to working and transport position.



The Hydraulic Length Limiter with offset function can be set from 9.5" – 19".



Two Swinging Laps remain in the horizontal position during cutting. Once the log is cut, the laps open and the log falls into the splitting chute.



Splitting Cylinder with 15 tons splitting force - 2 Splitting speeds, switches automatically.



Lattice for Sawdust is located between the splitting wedge and the Discharge Conveyor.



Main Cover - safety switch ensures maximum safety by disengaging all major functions when cover is open.



Oil Cooler – Standard; Ensuring reliable operation of the machine at higher temperatures.



Electro Hydraulically Controlled Clutch; automatically stops and starts the cutting chain.

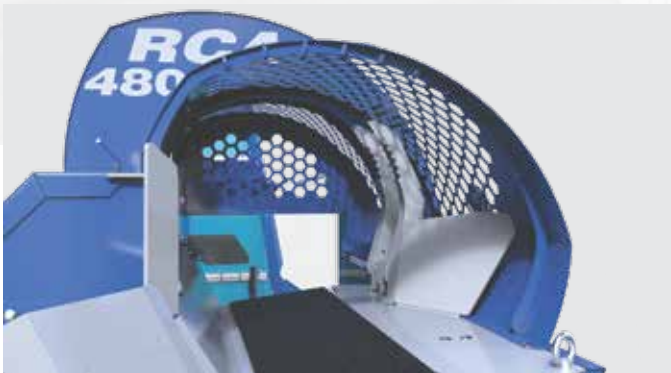


Transport position: In-feed and Discharge Conveyor, as well as the Log Loader can be set against the machine and attached. The machine is mounted to the tractor using three point system.

# RCA 480 JOY

## RCA 480 JOY PLUS

- PTO drive shaft (three-point-connection; recommendable tractor power for the machine – driving – 35 HP; for transport – 70 HP),
- Oil cooler with thermostat assures reliable machine operation even at higher temperatures,
- Automatic wedge leveling for RCA 480 JOY PLUS,
- Display with machine parameters for RCA 480 JOY PLUS,
- Standard equipment splitting wedge holder,
- Basic version with Discharge Conveyor **TT 404**; length 13', width 17"
- Discharge Conveyor **TT 504**; length 16.5', width 17" (option)
- Discharge Conveyor **TT 510 S**; length 16.5', width 23" (option)



In front of the hydraulic log holder a **Guide** is positioned, directing the log during its passing through the protection to the cutting spot. The hydraulic log holder is pressing the log during sawing and protecting it from rotating and turning over.



»**Joystick**« – enables an ergonomic, safe and simple operation of the main machine functions (switching on the machine, feeding forwards/backwards, sawing, opening of swinging flaps for the last piece, splitting, interruption of splitting, lifting/lowering the wedge).



**Both swinging flaps** remain in horizontal position during sawing. Once the log is sawn through, the flaps open and the log falls into the splitting chute.



**Splitting Cylinder with 25 tons** splitting power – two splitting speeds; fast splitting for softer wood, slower splitting for harder wood. The speed automatically switches over according to the hardness of the wood.



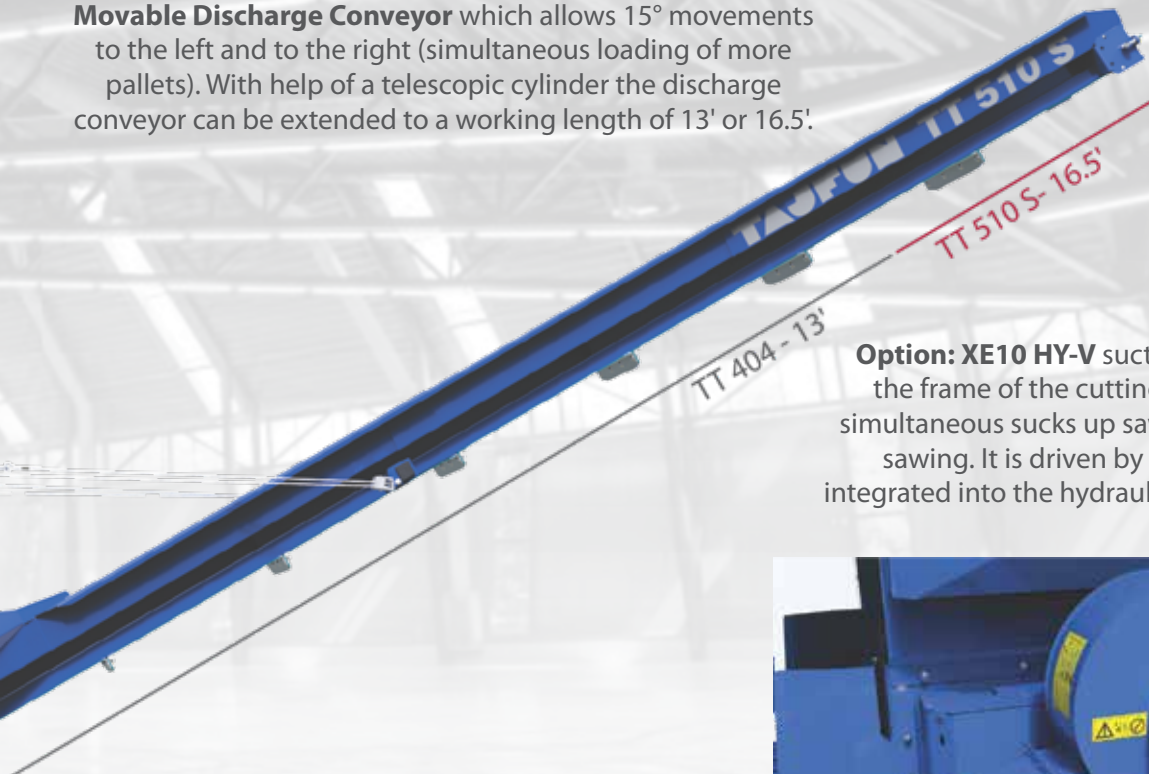
**Lattice** for sawdust and smaller splinters is located between the splitting wedge and the Discharge Conveyor.



There is an **Inclination indicator** positioned at the Discharge Conveyor, helping the operator to define the maximal permitted incline at a certain length of the logs.



**Movable Discharge Conveyor** which allows 15° movements to the left and to the right (simultaneous loading of more pallets). With help of a telescopic cylinder the discharge conveyor can be extended to a working length of 13' or 16.5'.



**Option: XE10 HY-V** suction unit integrated into the frame of the cutting and splitting machine simultaneously sucks up sawdust produced during sawing. It is driven by a hydro-motor, which is integrated into the hydraulic system of the cutting and splitting machine.



**Length Limiter** with displace-function is gradually adjustable to a length from 9.5"–19". At each feeding of the log, the length limiter stops it at the set length. When the sawing starts, it moves aside for 2", which enables current sawing of the log.



**High-efficiency chainsaw** (chain 3/8", guide bar 24") enables fast and reliable sawing. The chain is operating only when sawing (an electro-hydraulically driven clutch automatically stops and starts the chain). Lubrication pump for optimum chain lubrication.



Hydraulic Output for RCA accessories (Log Loader or Live Deck)



By opening the **Protection Cover** all functions of the machine stop operating, which assures total safety of the user.



**Tool Box.**



**Transport;** the feeding and the discharge conveyor are leant against and fixed upon the machine. The machine is clamped to the tractor using a three-pointsystem.

# RCA 480 JOY RCA 480 JOY PLUS



The feeding conveyor with a durable feeding belt (length 6.5', width 9.5") and a guide flap for preventing log jamming during the feeding into the machine. It is possible to move the guide cylinders to match the position of the live deck for feeding of logs.



# Discharge Conveyor TT 510 S

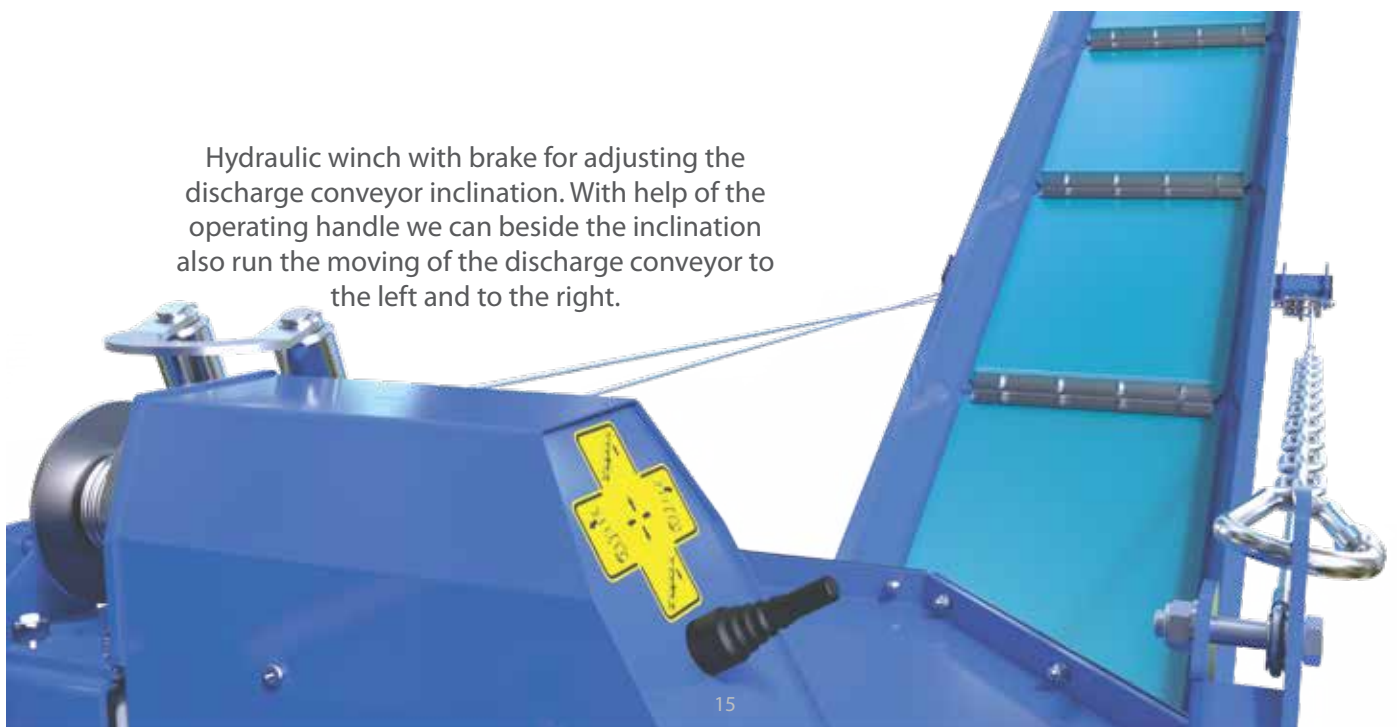
The Discharge Conveyor **TT 510 S** with the double-acting cylinder, which enables hydraulic erection of the discharge conveyor in the working or transport position.

The discharge conveyor allows movements in all directions and enables the user an optimal working set-up.



The Discharge Conveyor **TT510 S** with a wider conveyor belt – 23"

Hydraulic winch with brake for adjusting the discharge conveyor inclination. With help of the operating handle we can beside the inclination also run the moving of the discharge conveyor to the left and to the right.



# RCA 480 JOY PLUS

- with a controller (TT Control); apart from the operation itself, it also enables data acquisition and processing.



The display presents the following parameters of the machine:

- RPM of the PTO drive shaft,
- working hours,
- working pressures,
- oil temperature,
- productivity of the machine in cubic feet. There are two values available: one of them is non-resettable, recording the total quantity of wood processed in the machine's lifetime. The other can be reset any time,
- Alarms.



Automatic leveling of the wedge; the wedge height adapts automatically to the log diameter (measurement performed during the sawing process). The wedge height can as well be adjusted manually (using the switch on the joystick).

Detaching or replacing the wedge; two lower positions of the mechanism:

- working position: to prevent the wedge detaching by itself,
- bottom position: the mechanism is fully lowered and the wedge can be detached.



Warning light indicating the correct RPM of the PTO shaft:

- switched off – RPM too low,
- glowing – RPM correct,
- flashing – RPM too high.







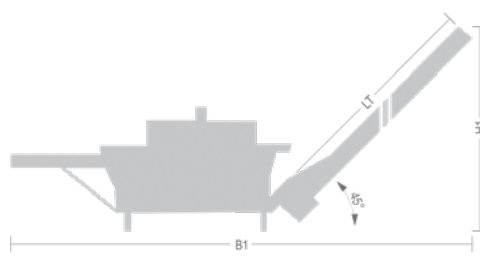
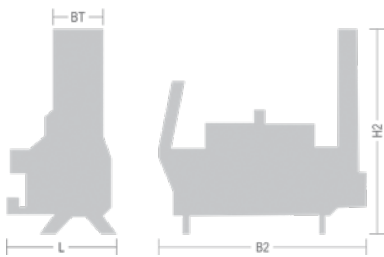
**RCA 330 JOY**

**RCA 330 FUN**

8"-15.5"	Length of Cut Log	8"-15.5"
2"-13"	Max. Diameter of Log	2"-13"
Oregon 16", b = 1,5 mm	Sawbar	Oregon 15", b = 1,3 mm
3/8" Oregon DuraCut™	Chain	0,325" Oregon 95TXL™
11 tons	Splitting Force	11 tons
1500 lbs + 264.5 lbs (TT 340 – 264.5 lbs)	Weight with Discharge Conveyor	590 kg + 82 kg
35 HP (Transport – 70 HP)	Required Tractor Capacity	27 HP (Transport – 70 HP)
Min.: 400 rpm	Inbound PTO Shaft Speed	Min.: 400 rpm
Max.: 430 rpm		Max.: 430 rpm
Continuous Speed Control (only at TT340); 0 to 2.6 ft / s	Belt Speed (Discharge Conveyor)	/

TRANSPORT POSITION

WORKING POSITION, INCLINATION 45°



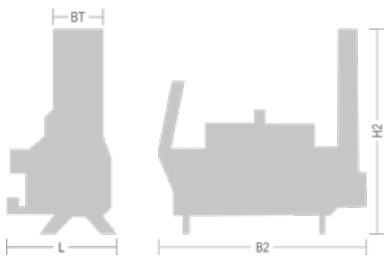
	RCA 330 JOY	TT 340	RCA 330 FUN
Width – Working Position (B1)	211"	240"	185"
Length – Working Position (L)	50"	50"	49"
Height – Working Position (H1)	94"	94"	70"
Width – Transport Position (B2)	91"	91"	91"
Length – Transport Position (L)	50"	49"	49"
Height – Transport Position (H2)	98"	98"	98"
Length of Discharge Conveyor (LT)	10'	13'	79"
Belt Width (Discharge Conveyor) (BT)	12"	12"	12"



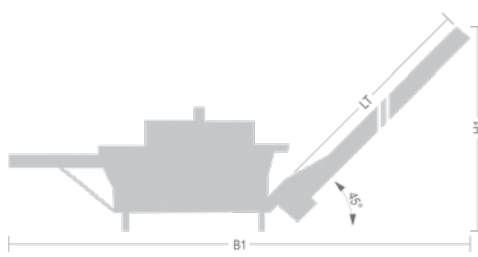
## RCA 380

Length of Cut Log	9.5"–19"
Max. Diameter of Log	4"–15"
Sawbar	Oregon 17", b = 1.5 mm
Chain	3/8" Oregon DuraCut™
Splitting Force	15 tons - Two Stage RAM
Weight with Discharge Conveyor	1984 lbs + 396.8 lbs
Required Tractor Capacity	35 HP (Transport 70 HP)
Electric Motor	/
Inbound PTO Shaft Speed	Min.: 400 rpm
	Max.: 430 rpm
Belt Speed (Discharge Conveyor)	Continuous Speed Control; 0–31.5"/s

TRANSPORT POSITION



WORKING POSITION, INCLINATION 45°



	RCA 380	TT 504
Width – Working Position (B1)	240.25"	272.75"
Length – Working Position (L)	55"	55"
Height – Working Position (H1)	121"	149.5"
Width – Transport Position (B2)	92.5" (91.3")*	92.5" (91.3")*
Length – Transport Position (L)	55"	55"
Height – Transport Position (H2)	93" (87")*	93"
Length of Discharge Conveyor	13'	16.5'
Belt Width (Discharge Conveyor)	17"	17"

\* for container transport

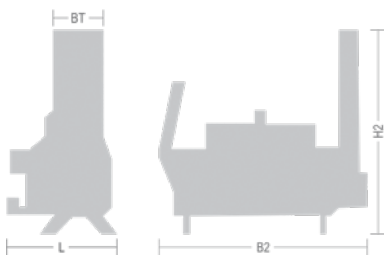




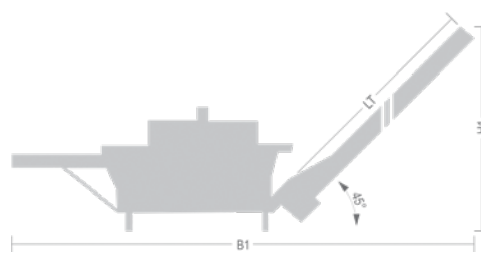
## RCA 400 JOY RCA 400 JOY TG

Length of Cut Log	9.5"–19"
Max. Diameter of Log	2"–16"
Sawbar	Oregon 17", b = 1,5 mm
Chain	3/8" Oregon DuraCut™
Splitting Force	15 tons - Two Stage RAM
Weight with Discharge Conveyor	2094.5 lbs + 396.8 lbs
Required Tractor Capacity	35 HP (Transport 70 HP)
Electric Motor	/
Inbound PTO Shaft Speed	Min.: 400 rpm Max.: 430 rpm
Belt Speed (Discharge Conveyor)	Continuous Speed Control; 0–31.5"/s

### TRANSPORT POSITION



### WORKING POSITION, INCLINATION 45°



	RCA 400 JOY / RCA 400 JOY TG	TT 504 / TT 504 R
Width – Working Position (B1)	240"	272.75"
Length – Working Position (L)	55"	55"
Height – Working Position (H1)	124"	149.5"
Width – Transport Position (B2)	92.5" (91.3")*	92.5" (91.3")*
Length – Transport Position (L)	55"	55"
Height – Transport Position (H2)	98" (87")*/89"	100.5"
Length of Discharge Conveyor (LT)	13'	16.5'
Belt Width (Discharge Conveyor) (BT)	17"	17"

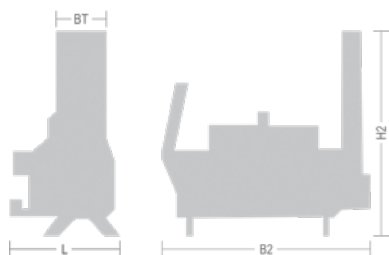
\* for container transport



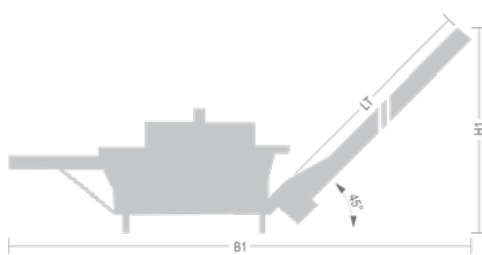
## RCA 480 JOY RCA 480 JOY PLUS

Length of Cut Log	9.5"-19"
Max. Diameter of Log	2"-19"
Sawbar	Oregon 24", b = 1,5 mm
Chain	3/8" Oregon DuraCut™ Z = 42
Splitting Force	25 tons - Two Splitting Speeds
Weight with Discharge Conveyor	2886 lbs + 396.8 lbs (TT 504 463 lbs)
Required Tractor Capacity	35 HP (Transport – 70 HP)
Electric Motor	/
Inbound PTO Shaft Speed	Min.: 400 rpm
	Max.: 430 rpm
Belt Speed (Discharge Conveyor)	Continuous Speed Control; 0-31.5"/s

TRANSPORT POSITION



WORKING POSITION, INCLINATION 45°



	RCA 480 JOY	TT 504 / TT 510 S
Width – Working Position (B1)	240"	240"
Length – Working Position (L)	63"	63"
Height – Working Position (H1)	124"	150"
Width – Transport Position (B2)	95"	95"
Length – Transport Position (L)	63"	63"
Height – Transport Position (H2)	92"	103.54"
Length of Discharge Conveyor (LT)	13'	16.5'
Belt Width (Discharge Conveyor) (BT)	17"	17"/23"







# RCA ACCESSORIES

## COMPATIBILITY

	RCA 330 FUN
Splitting Wedge RCA 330 JOY/FUN	x
Splitting Wedge RCA 380 and RCA 400 JOY	
Splitting Wedge RCA 480 JOY	
Log Loader DM 1511 M	x (only with Control SET RCA 330 FUN for DM/RN 254327)
Log Loader DM 2000	x (only with Control SET RCA 330 FUN for DM/RN 254327)
Live Deck RN 2000 S	x (only with Control SET RCA 330 FUN for DM/RN 254327)
Live Deck RN 3000	x (only with Control SET RCA 330 FUN for DM/RN 254327)
Live Deck RN 5000	x (only with Control SET RCA 330 FUN for DM/RN 254327)
Live Deck RN 1500 F	x (only with Control SET RCA 330 FUN for DM/RN 254327)
Roller Table E 01 and M 2000	x
Gasoline Powered unit GP 35	
Hydro Power Unit HP 25	
Electric Power Unit EP 12	x
Sawdust Extractor Fan XE 10 M	x (with Adapter)
Sawdust Extractor Fan XE 10 Hy M	x (with Adapter)
Sawdust Extractor Fan XE 11 Hy M	x (with Adapter)
Sawdust Extractor Fan XE 10 Hy	
Sawdust Extractor Fan XE 11 Hy	
Sawdust Extractor Fan XE 10 Hy-V	
Mobile Sawdust Separator GRENC	x
Separator SP 3 (with Discharge Conveyor TT 330, TT 340)	x
Separator SP 10 (with Discharge Conveyor TT 404, TT 504, TT 504 R)	
Separator SP 11 (with Discharge Conveyor TT 510 S)	
Tajfun PTO Shafts	x
Walterscheid PTO Shafts	x
Cover Roof E 11	
PO 10 platform	



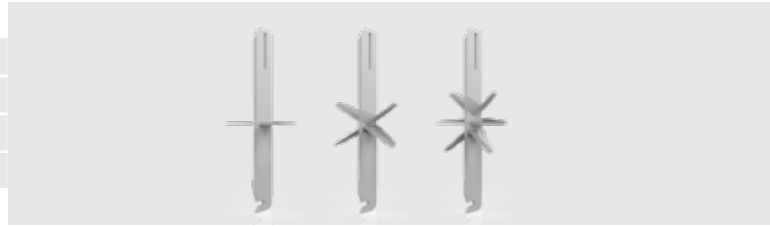
	RCA 330 JOY	RCA 380	RCA 400 JOY	RCA 480 JOY
	x			
		x	x	
				x
	x	x	x	
	x	x	x	x
	x	x	x	
	x	x	x	
	x	x	x	x
	x	x	x	x
	x	x	x	x
	x	x	x	x
	x	x	x	x
	x	x	x	x
	x	x	x	x
	x	x	x	x
	x (with Adapter)	x	x	x
	x (with Adapter)	x	x	x
	x (with Adapter)	x	x	x
		x	x	x
		x	x	x
				x
	x	x	x	x
	x			
		x	x	x
				x
	x	x	x	x
	x	x	x	x
		x	x	
			x	x

# Splitting Wedges

made from Hardox 450

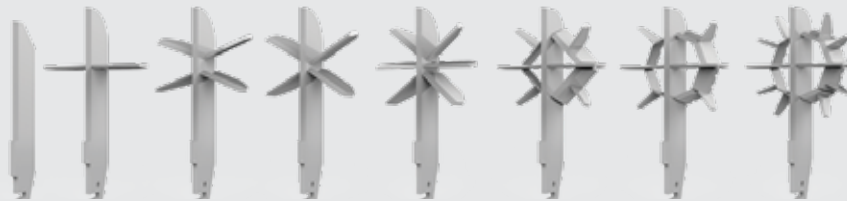
## RCA 330 JOY

Article number	Description
247126	For splitting in 4 parts
247127	For splitting in 6 parts
248907	For splitting in 8 parts



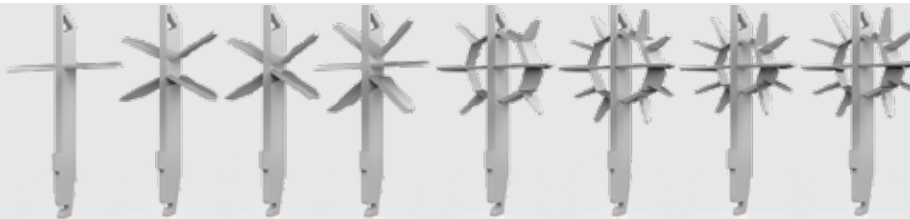
## RCA 380 and RCA 400 JOY

Article number	Description
201776	For splitting in 2 parts
209757	For splitting in 4 parts
236765	For splitting in 4 or 6 parts; splitting wedge is adjustable for splitting in 4 or 6 parts
209760	For splitting in 6 parts
209766	For splitting in 8 parts
209774	For splitting in 12 parts (appropriate for softer wood)
241123	For splitting in 12 parts (appropriate for softer wood) – ring
241243	For splitting in 16 parts (appropriate for softer wood) – ring

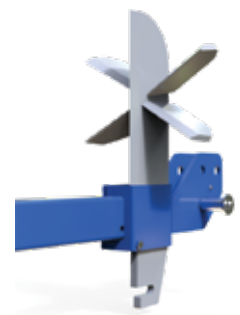


## RCA 480 JOY and RCA 480 JOY PLUS

Article number	Description
240186	For splitting in 4 parts
240197	For splitting in 4 or 6 parts; splitting wedge is adjustable for splitting in 4 or 6 parts
240196	For splitting in 6 parts
240217	For splitting in 8 parts
244853	For splitting in 12 parts (appropriate for softer wood) – ring
244852	For splitting in 16 parts (appropriate for softer wood) – ring
247486	For splitting in 16 parts – Mini (appropriate for softer wood); Max Diameter of Log 40 cm – ring
254215	For splitting in 16 parts STABIL– Midi – ring



Article number	Description
236495	Splitting Wedge Holder (RCA 380 or RCA 400 JOY) Available as RCA Accessory.





# Log Loader DM 1511 M

Log Loader DM 1511 M is an accessory for Tajfun firewood processors RCA 330 FUN with Control SET RCA 330 FUN for DM/RN 254327, RCA 330 JOY, RCA 380 and RCA 400 JOY. It is used for lifting the logs to the working height of the processor's in-feed belt. It can also be used to hold the next log to be processed. This loader is equipped with 2 hydraulically driven in-feed rollers synchronized to the speed of the processor's in-feed belt.



Article number	Description
209294	Log Loader DM 1511 M
Drive	RCA Hydraulic System
Control	on RCA
Lifting Power	1012 lbs
Length x Width x Height	72" x 51" x 35"
Weight	352.75 lbs

# Log Loader DM 2000

Log Loader DM 2000 is an accessory for Tajfun firewood processors RCA 330 FUN with Control SET RCA 330 FUN for DM/RN 254327, RCA 330 JOY, RCA 380, RCA 400 JOY and RCA 480 JOY. It is used for lifting logs to working height of the processor's in-feed belt. It can also be used to hold the next log to be processed. Important advantages of the loader are its adjustable working height from 35" to 59" and its compatibility to all RCA models. Log loader DM 2000 is equipped with 3 hydraulically driven rollers synchronized to the speed of the processor's in-feed belt designed to enable better log in-feed. This feature helps significantly with heavier logs.



Article number	Description
245348	Log Loader DM 2000
Drive	RCA Hydraulic System
Control	on RCA
Lifting Power	1573 lbs
Working height is adjustable from	35" to 59"
Length x Width x Height	65" x 79" x 45"
Weight	825 lbs

Hydraulic Output for RCA accessory  
 Log Loader DM 1511 M and DM 2000 or  
 Live Deck RN 3000 S / RN 3000 M,  
 RN 5000 S / RN 5000 M or RN 1500 F



# Live deck RN 2000 S

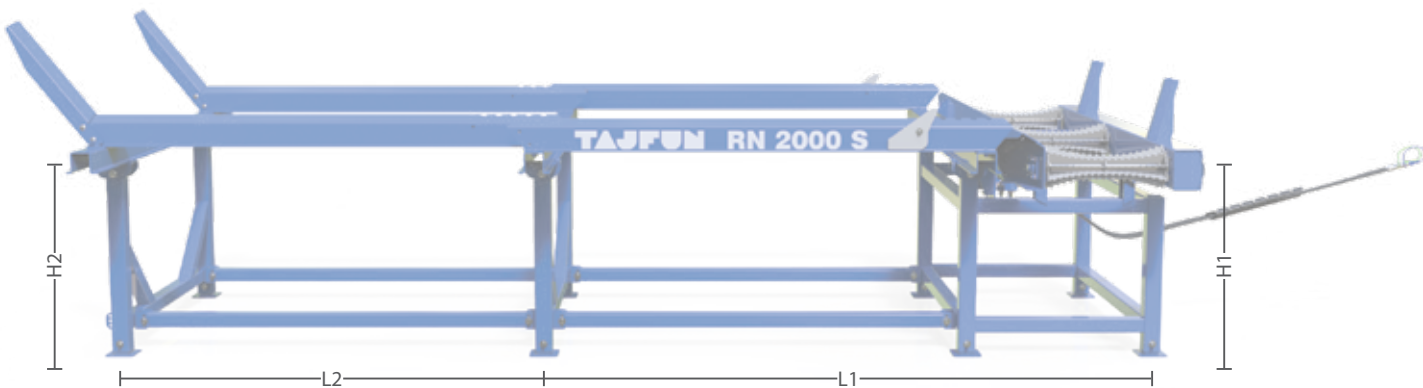
The RN 2000 S live deck is an efficiency enhancing option to the smaller Tajfun firewood processors RCA 330 FUN with Control SET RCA 330 FUN for DM/RN 254327, RCA 330 JOY, RCA 380, and RCA 400 JOY. It serves as a stock deck for small diameter logs that the operator manually loads onto the

rollers of the live deck. Hydraulically driven rollers feed the logs into the firewood processor. It is driven by the processor's hydraulic system and controlled by existing machine controls. The whole assembly can be controlled by the operator of the processor.



Live deck RN 2000 S  
(base model)

Article number	Description
255415	Live deck RN 2000 S (base model) / 827.8 lbs
255416	Live deck RN 2000 S extension (option) / 272.3 lbs
255417	Additional guide lean for RN 2000 S (option) / 62.8 lbs
249488	Sliding plates (option) / 10.7 lbs
Drive	RCA hydraulic system
Control	on RCA
Working surface	aprox. 30' x 13'
Max. dimension of processed logs	up to 19.5'
Stock deck capacity (base model)	2 tons or up to 105.94 ft <sup>3</sup>

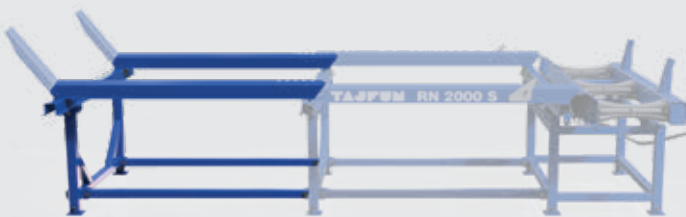


	RN 2000 S
Height – Working position (H1)	34.3"–44.2"
Height – Working position (H2)	34.3"–44.2"
Length RN 2000 S live deck (base model) (L1)	103.3"
Length of the RN 2000S live deck extension (option) (L2)	69.3"
Length x Width x Height (working position)	103.3" x 72.4" x 34.3"
Length x Width x Height (transport position for two pieces)	78.7" x 49.2" x 81.1"



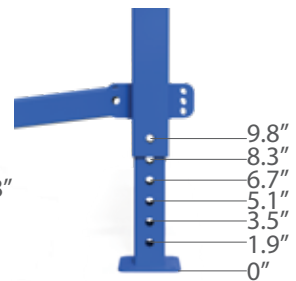
Option: an additional guide lean prevents shorter logs (1 m in length) from getting stuck or falling from the RN 2000 S live deck. Recommended for

the processing of short logs in combination with the two sliding plates which are mounted between the rollers of the live deck.

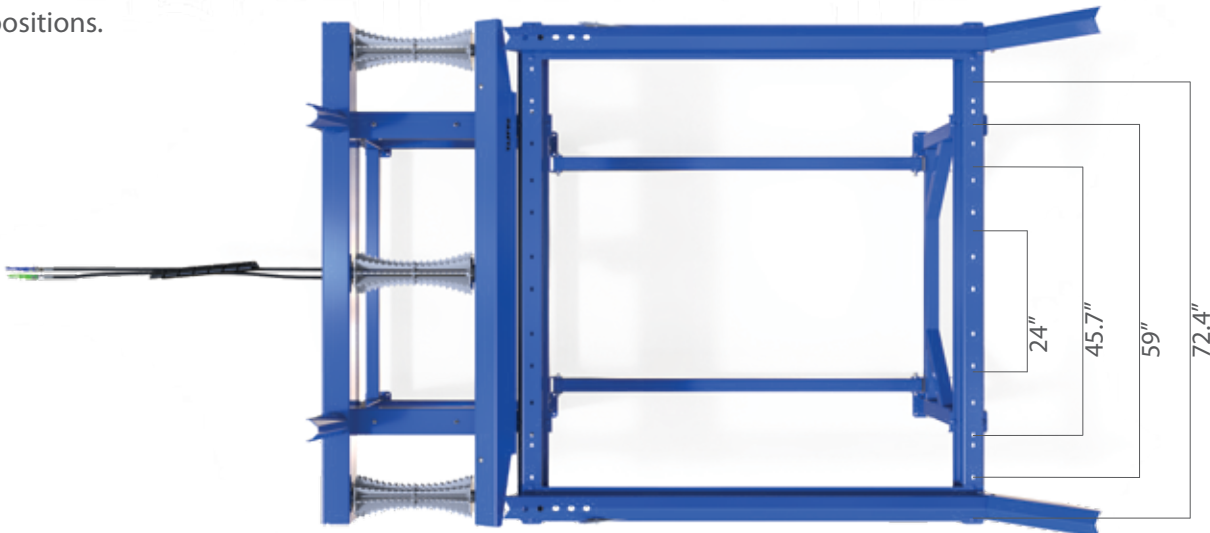


Option: the RN 2000 S live deck extension increases stock deck capacity. Incline of the RN 2000 S live deck extension can also be lifted to change the incline.

The incline of the liftable part of the deck can be changed for easier manual loading of logs onto the drive rollers.



Guide leans can be mounted in different positions.



# Live Deck RN 3000 S / RN 3000 M

The Tajfun Live Deck is an efficiency enhancing option to the Tajfun firewood processors RCA 330 FUN with Control SET RCA 330 FUN for DM/RN 254327, RCA 330 JOY, RCA 380 and RCA 400 JOY. This option allows easier and faster log loading and feeding of the processor, greatly increasing operating efficiency. It is driven by the processor's

hydraulic system and controlled by existing machine controls. The whole assembly can be controlled by the operator of the processor. The Live Deck RN 3000 S is stationary with six adjustable jacks for legs. The RN 3000 M is equipped with an axle and wheels for transport, as well as the six adjustable jacks for legs.



Article number	Description
209896	Live Deck RN 3000 M
210572	Live Deck RN 3000 S
Drive	RCA Hydraulic System
Control	on RCA
Length x Width x Height	214.25" x 79" x 58.75"
Weight	1543 lbs
Working Surface	aprox. 30' x 13'
Max. Dim of Processed Logs	up to 19.5'
Stock Deck Capacity	3 tons or up to 141.26 ft <sup>3</sup>

Article number	Description
236494	Towing eye Ø 40 mm for RN 3000 M ( mobile) and for RN 5000 M (mobile)
249496	An additional drive chain (Option) for RN 3000 S/M and for RN 5000 S/M
251417	The additional RN 5000 D live deck
210929	The twin live deck connections set for RN 3000 S in RN 5000 S



**Towing eye** Ø 40 mm for RN 3000 M ( mobile) and for RN 5000 M (mobile)



**The optional RN 5000 D live deck** increases the loading capacity. It attaches to the rear of the live decks (RN 3000 S or RN 5000 S) as an extension.



# Live Deck RN 5000 S / RN 5000 M

The Tajfun Live Deck is an efficiency enhancing option to the Tajfun firewood processors RCA 330 FUN with Control SET RCA 330 FUN for DM/ RN 254327, RCA 330 JOY, RCA 380, RCA 400 JOY and RCA 480 JOY. This option allows easier and faster log loading and feeding of the processor, greatly increasing operating efficiency. It is driven by the

processor's hydraulic system and controlled by existing machine controls. The whole assembly can be controlled by the operator of the processor. The Live Deck RN 5000 S is stationary with six adjustable jacks for legs. RN 5000 M is equipped with an axle and wheels for transport, as well as the six adjustable jacks for legs.



Article number	Description
241125	Live Deck RN 5000 M
241126	Live Deck RN 5000 S
Drive	RCA Hydraulic System
Control	on RCA
Length x Width x Height	214.25" x 79" x 58.75"
Weight	1543 lbs
Working Surface	aprox. 30' x 13'
Max. Dim of Processed Logs	up to 19.5'
Working height is adjustable from	3' to 4.6'
Stock Deck Capacity	5 tons or up to 211.89 ft <sup>3</sup>

**An additional drive chain** (option) for RN 3000 S/M and for RN 5000 S/M



**The twin live deck connections set** transversely allow the connection of two stable live decks (RN 3000 S or RN 5000 S) to increase the loading capacity and allow longer logs to be loaded.



# Mobile Platform Tajfun Oasis

Mobile Platform Tajfun Oasis is a trailer for all Tajfun firewood processors RCA. On mobile platform Tajfun Oasis can be mounted also Gasoline power unit GP 35 and Live Deck RN 1500 F.



Axle Size	(2) 3,500 lb electric spring
Deck Height	24"
Deck Width	82"
Overall Width	102"
Coupler	2 5/16" A-Frame
Frame	5" channel frame
Crossmembers	3" Channel on 16" Centers
Pockets	1/4 Preformed
Fenders	(Right side removable fender) 16g Smooth (Tear Drop)
Tire & Rim	ST 205/75R15
Jack	(1) 5,000 lb - 2 5000lb jacks on front corners
Stabelizer bars	2 rear stabelizer bars on back corners
Safety Chains	2 x 5/16 x 36"
Wiring	Arctic Wiring, Soldered & Heat shrunk
Lights	LED lights
Decking	9 x 3/4 raised expanded metal
Finish	Chemically washed, Primed & Painted with Sherwin Williams Urethane Paint and primer

The Mobile Platform Tajfun Oasis is part of the sales program of company Tajfun USA.





# Live Deck RN 1500 F

Live Deck RN 1500 F is an effective feature to Tajfun's firewood processors (RCA 330 FUN with Control SET RCA 330 FUN for DM/RN 254327, RCA 330 JOY, RCA 380, RCA 400 JOY and RCA 480 JOY), enables easier and faster log-feed and increases RCA's capacity. It is run of RCA's hydraulic system and controlled by existing controls on the processor. It is designed for a single person use. Live deck is stable, intended to be mounted on a trailer.



Article number	Description
212070	Live Deck RN 1500 F
Drive	RCA Hydraulic System
Control	on RCA
Length x Width x Height	121" x 78" x adjustable up to 42" (high on rollers)
Length x Width x Height (transport position)	4.80" x 6.56" x 8.53"
Trailer height	min 1.57"/max 2.06" (RCA 480 JOY) and max 2.56" (RCA 400 JOY)
Weight	1266 lbs
Working Surface	approx. 30' x 13'
Max. Dim of Processed Logs	up to 19.5'
Stock Deck Capacity	2 t (or up to 105.94 ft <sup>3</sup> )

# Roller table E01



**Roller table is available as an independent unit. Compatible with live deck RN 3000 (S/M) in RN 5000 (S/M)**

Article number	Description
210360	Roller table E01
Length x Width	30.25" x 79.25"
Roller Length	18.50"

# Roller table with a base M 2000

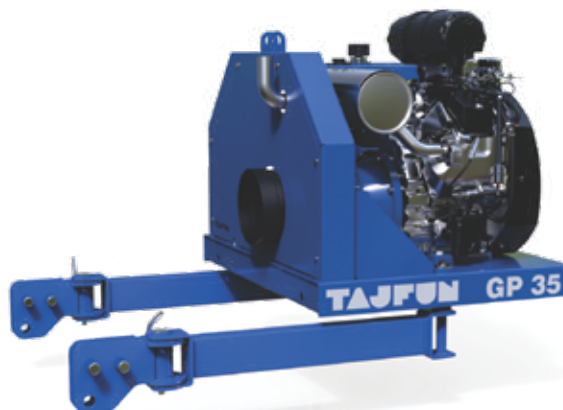
Roller table with a base is available as an independent unit.



Article number	Description
245809	Roller table M 2000
Length x Width x Height	2000 x 1150 x 940 mm
Roller Length	470 mm
Weight	222 kg

# Gasoline Power Unit GP 35

Gasoline Powered unit GP 35 is a power unit for self-contained firewood processors RCA 380, RCA 400 JOY and RCA 480 JOY (it is a substitute tractor driven unit). It is powered by a gasoline Kohler engine and connected with a PTO shaft. Power unit mounts on RCA's lower hitch, is on a hinge and can be rotated left towards the machine for transport position. This is a perfect solution for a trailer based firewood processor.



Article number	Description
245334	Gasoline Power Unit GP 35
Engine Capacity	999 cm3 (Kohler)
Engine Power	35 HP (27 kW)
Control	Controls on the Engine
Width x Length x Height	38" x 30" x 32"
Weight	440 lbs
Tank Capacity	15 gal
Gear Ratio	1:7 (430 rpm at 3000 rpm on the Engine)
Electricity Outlet	12 V



# Hydro Power Unit HP 25



Hydro-powered unit HP 25 is a power unit for self-contained firewood processors RCA 330 JOY, RCA 330 FUN with Control SET RCA 330 FUN for DM/RN 254327, RCA 380, RCA 400 JOY and RCA 480 JOY (it is a substitute tractor driven unit). It is powered by hydro-engine that mounts on RCA' gearbox housing. Connection to the RCA is direct, no PTO shaft required. This is a perfect solution where only machines with hydraulic exits are available. Hydro-powered unit HP 25 connects to the drive engine with hydraulic hoses and power is guaranteed. HP 25 has a monitor for working hours and rpm.

Adapter for RCA 330 JOY and RCA 330 FUN

Article number	Description
245514	Hydro Power Unit HP 25
Oil flow	20 gal/min
Max. pressure	2900 psi
Output speed	430 rpm
Power	33 HP (25kW)
Weight	49 lbs

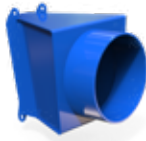
# Mobile Sawdust Extractor Fan XE 10 Hy M and XE 11 Hy M



Mobile Sawdust Extractor Fan XE 10 Hy M and XE 11 Hy M is an option for firewood processors which allows immediate removal of sawdust, generated by sawing. It is driven by a hydraulic motor, which is

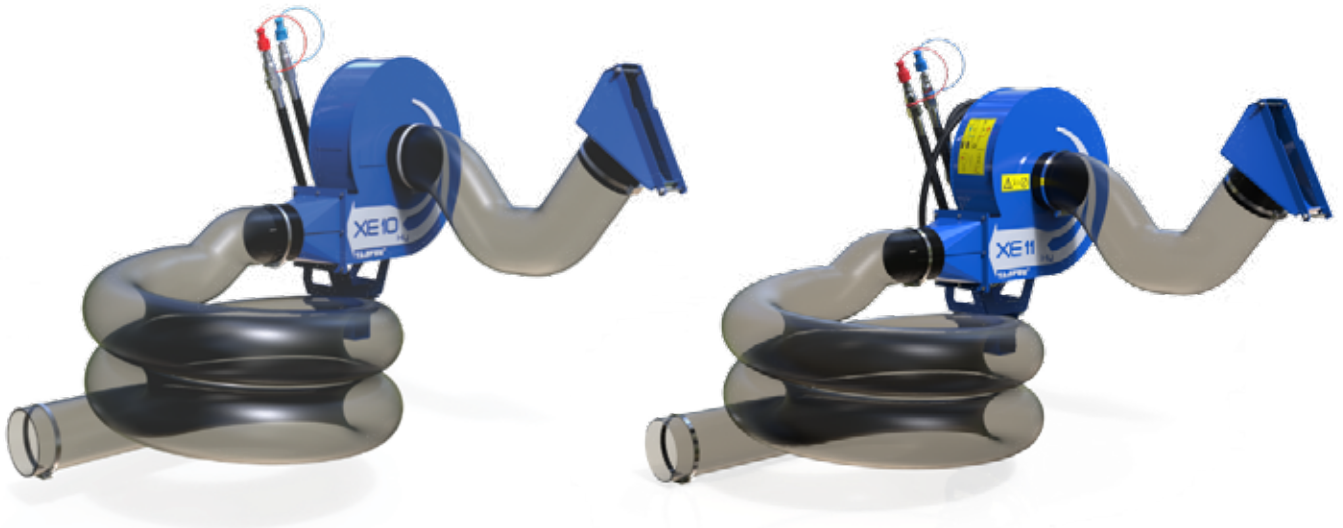
connected to the tractor's hydraulic system. Sawdust Extractor Fan is mobile and thus enables easy placement in the desired workplace.

Sawdust Extractor Fan XE 10 Hy M	Description	Sawdust Extractor Fan XE 11 Hy M
249472	Article number	250057
~2700 rpm	RPM	~2700 rpm
5 gal/min	Necessary Hydraulic Oil Circulation	10.5 gal/min
15 gal/min	Max. Hydraulic Oil Circulation	21 gal/min
Ø 5"; 16.4'	Pressure Tube Diameter and Length	Ø 5"; 16.4'
Ø 5.5"; 6.6'	Suction Tube Diameter and Length	Ø 5.5"; 6.6'
18.11" x 25.6" x 6.81"	Length x Width x Height (working position)	18.11" x 25.6" x 6.81"
31.5" x 23.75" x 23.5"	Length x Width x Height (transport dimensions of a box)	31.5" x 23.75" x 23.5"
97 lbs	Weight	99.2 lbs



Article number	Description
249480	Adapter for RCA 330 FUN, RCA 330 JOY (XE 10 M, XE 10 Hy M, XE 11 Hy M)

## Sawdust Extractor Fan XE 10 Hy and XE 11 Hy



Sawdust Extractor Fan XE 10 Hy and XE 11 Hy is an option for firewood processors which allows immediate removal of sawdust, generated by sawing. It is driven by

a hydraulic motor, which is connected to the tractor's hydraulic system.

Sawdust Extractor Fan XE 10 Hy	Description	Sawdust Extractor Fan XE 11 Hy
211311	Article number	238999
~2700 rpm	RPM	~2700 rpm
5 gal/min	Necessary Hydraulic Oil Circulation	10.5 gal/min
15 gal/min	Max. Hydraulic Oil Circulation	21 gal/min
Ø 5"; 16.4'	Pressure Tube Diameter and Length	Ø 5"; 16.4'
Ø 5.5"; 6.6'	Suction Tube Diameter and Length	Ø 5.5"; 6.6'
14.76" x 25.04" x 27.56"	Length x Width x Height (working position)	15.35" x 25.04" x 27.56"
31.5" x 23.75" x 23.5"	Length x Width x Height (transport dimensions of a box)	31.5" x 23.75" x 23.5"
66.13 lbs	Weight	70.55 lbs



# Mobile Sawdust Separator GRENC

is an option for Tajfun firewood processors. It is used simultaneously with suction units XE 10, XE 10 Hy or XE 11 Hy for storing sawdust, generated by log sawing.

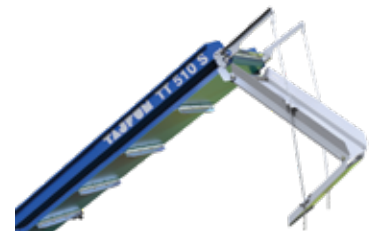


Article number	Description
504287	Mobile Sawdust Separator GRENC
Bag Volume	47 gal
Width x Length x Height (transport dimensions)	21.75" x 21.75" x 64"
Working Height	104.75"
Suction Tube	Ø 5"
Weight	64 lbs

## Separator SP 3, SP 10 and SP 11

Separator is a accessory for Tajfun firewood processors. It can be mounted at the end of the discharge conveyor to separate the sawdust and

small wood particles before the firewood falls into a bag, trailer or some other set destination.



Description	Separator SP 3	Separator SP 10	Separator SP 11
Article number	248562	237551	247280
Dimensions (Width x Length x Height)	17" x 30" x 13"	21" x 42" x 13"	27" x 42" x 13"
Weight	45 lbs	56 lbs	66 lbs
Compatibility	RCA 330 JOY	RCA 380, RCA 400 JOY, RCA 480 JOY	RCA 480 JOY with Discharge Conveyor TT 510 S

## Tajfun PTO Shafts

- Easy to use, user friendly C Line connection
- Flexible protection hood, which allows easy access to connecting mechanism and grease nipples



Article number	Model	Dimensions	Compatibility
504785	PTO Shaft C Line-T 6BR+ KK560	1 3/8" Z6 – 1 3/8" Z6; L <sub>KK</sub> = 560	RCA 330 JOY, RCA 380, RCA 400 JOY, RCA 480 JOY
513068	PTO Shaft C Line-T4 DZ DZ BR+KK510	1 3/8" Z6-2X; L <sub>KK</sub> = 510	RCA 330 JOY, RCA 380, RCA 400 JOY, RCA 480 JOY

L<sub>KK</sub> - PTO Shaft length between pivot points

## Walterscheid PTO Shafts



Article number	Model	Dimensions	Compatibility
503990	PTO Shaft WWZ 2380 SDF25 710	1 3/8" Z6 – 1 3/8" Z6; L <sub>KK</sub> = 710	RCA 330 JOY, RCA 380, RCA 400 JOY, RCA 480 JOY
504283	PTO Shaft WWZ 2380 SDF25 860	1 3/8" Z6 – 1 3/8" Z6; L <sub>KK</sub> = 860	RCA 330 JOY, RCA 380, RCA 400 JOY, RCA 480 JOY

L<sub>KK</sub> - PTO Shaft length between pivot points



# Cover Roof E 11

for rain or sun protection when operating Tajfun firewood processors (RCA 380 and RCA 400 JOY).



Article number	Description
211133	Cover Roof E 11
Length x Width x Height	93" x 65" x 72.75"; (96.5" on the machine)
Weight	92.5 lbs

# PO 10 Platform

The PO 10 platform is an option for Tajfun's firewood processors RCA 480 JOY and RCA 400 JOY. It is the ideal solution for erecting a machine on rough terrain as by using the PO 10 platform the operator has a stable and flat walkable area ensured. PO 10 platform is made of walkable grid which protects the user from moisture, mud and cold.



Article number	Description
243640	PO 10 Platform
Length	59.56"
Width	31.50"
Height	4.70"-6.70"
Weight	88.20 lbs



LOGGING WINCHES



TAJFUN





Tajfun started developing and manufacturing logging winches in 1979. We constantly update, upgrade and develop different winch types for different needs. The results of our long term development are:

- Simple and fast set up and take down
- Reliable and easy hydraulic (Type AHK and VIP PRO) or mechanical control (Type A),
- Very simple and fast installation to tractor's three point mounting system,
- Robotic welded stable and robust construction, made of high quality steel, laser cut and powder coated,
- Sturdy drive line, each shaft with double bearings and double reduction gearing (winches from 10,000 lbs to 22,500 lbs),
- Highly efficient clutch activation, even with mechanical winches – short pull, low activation pressure,
- High efficiency and safety.



# TAJFUN Logging Winches

- A new generation of Tajfun logging winches with mechanical (A) or electrohydraulic (AHK and VIP PRO) control.
- Single or double drum version
- From 7,900 lbs to 22,500 lbs of Pulling Power.



Upper safety net can be set into two working and one transport position.



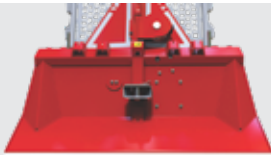
New and remodeled tail hook holder.



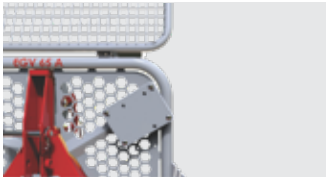
Large and stable parallel shielded pulleys follow the pulling direction, even at highest loads.



Grooves for hanging chains and additional hangers for chains.\*



Coupling - serial, removable with bolts.



Motor saw holder.



Adjustable upper coupling.



Folding shaft holder.\*



A new and remodelled lower pulley with a patented system for quick insertion and extraction of the wire rope.\*



Two covered toolboxes.\*



Coupling bolts with patented safety system.  
\* Two holes for coupling enable optimum winch approach towards the tractor for higher stability (does not apply for models EGV 35 A and EGV 105 AHK)

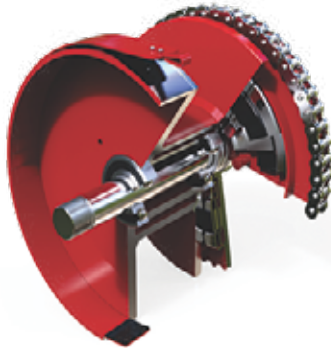


Two folding support legs ensure stability of the standalone winch.

\* Does not apply for models: EGV 35 A, EGV 105 AHK and DGV 2x55 AHK



High quality, wide protection blade with an enforced lower blade, made of Hardox metal. Wedged shape of the blade ensures safe anchoring.



- Large and massive drum (large capacity of the rope) with a large drum diameter (small loss of pulling power and longer rope lifespan)
- Strong drum walls
- Wide brake band
- High quality SKF bearings
- High pulling force and lower loading of component parts due to a 3 or 5 plate clutch

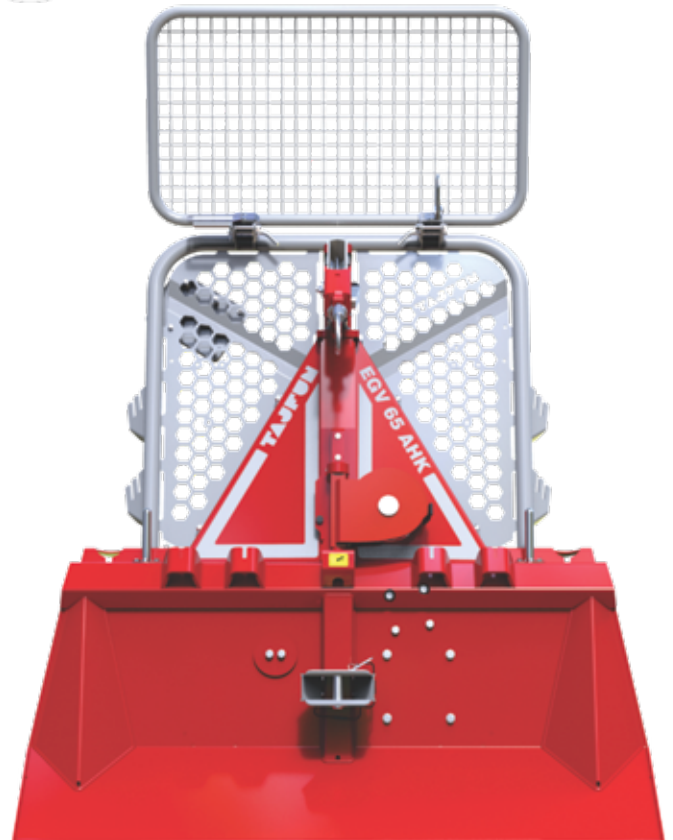
## TAJFUN Hydraulic Winches (AHK and VIP PRO)

Tajfun hydraulic winches have electro hydraulic control and a separate hydraulic system. This provides comfortable, safe and simple control of the winch with a control pendant or a radio remote control (optional). The radio remote control option enables the control of the winch (without additional interventions in the winch or tractor) and tractor (engine revolution regulation, engine start and stop, turning on the shaft – the functions are installed by an authorized service technician). The main advantage of such control is that it allows the operator to safely control the winch and tractor alone, thus ensuring greater effectiveness and safety at work.



Hydraulic logging winches are also available with an integrated bio-oil.

EGV 45 AHK	10,000 lbs
EGV 55 AHK	12,250 lbs
EGV 65 AHK	14,500 lbs
EGV 65 AHK ZS	14,500 lbs
EGV 85 AHK	19,000 lbs
EGV 105 AHK	22,500 lbs
DGV 2 x 55 AHK	2 x 12,300 lbs
VIP PRO 90	20,230 lbs



# Limit switch



The new wire rope guide with a limit switch turning off the pulling action. When working via the upper pulley, the pulling action automatically stops when the rope hook reaches the wire rope guide. This prevents possible damage.



Electro hydraulic system is built into the construction and thus protected from possible damage and weather conditions.



The pump is driven by a cogwheel multiplier. A pressure filter is installed behind the pump that additionally makes sure that the oil in the system is clean.



An oil reservoir with a sprue on the outer part of the frame.



A long window showing the oil level.



Radio remote control (optional).



Control Pendant operation (start and stop of the main winch functions).



# TAJFUN SG Driven Pulley

- Help with extracting the rope from the drum.
- Ensures even and solid wire rope coiling on the drum, even when the rope is not under tension.
- Built-in limit switch for turning off the pulling action.
- Extends the rope lifespan.
- Pressure wheels ensure a good grip of the wire rope at extraction and pulling in, regardless of external influences.



Continuous regulation of wire rope pulling speed.

# Rope shield SG

- Standard equipment for all winches with a driven pulley (SG)
- Can be installed on older SG pulleys



The **SG rope shield** prevents the forming of loops when feeding the rope from the winch.



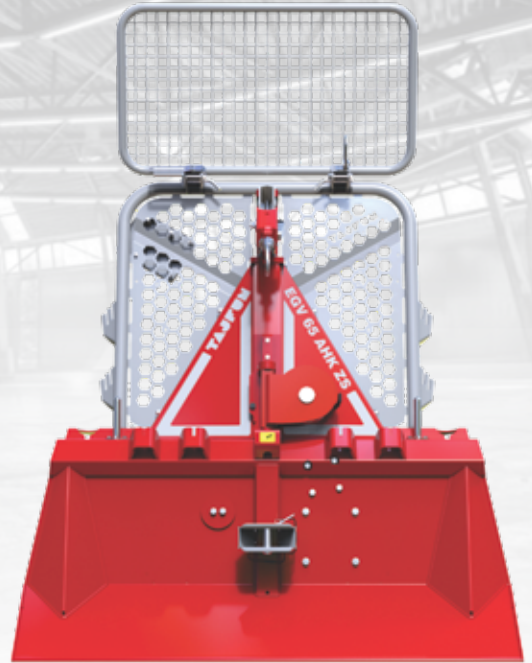
# EGV 65 AHK ZS

Front and rear side installation

is Tajfun's single drum hydraulic logging winch, designed for installation to tractor's front side. It also provides rear end installation. This versatile usage is possible due to special reduction gear with two connecting shafts (upper and lower). The second stage drive is designed using quality gearing with additional tensioner, which allows better chain tensioning and more silent winch operation.



- When connecting the winch to the tractor's front side, the upper connecting shaft is used; standard revolution 1000 rpm and right P.T.O. Shaft rotating direction.
- When connecting the winch to the tractor's rear side, the lower connecting shaft is used; rotating speed 540 rpm and left P.T.O. Shaft rotating direction.

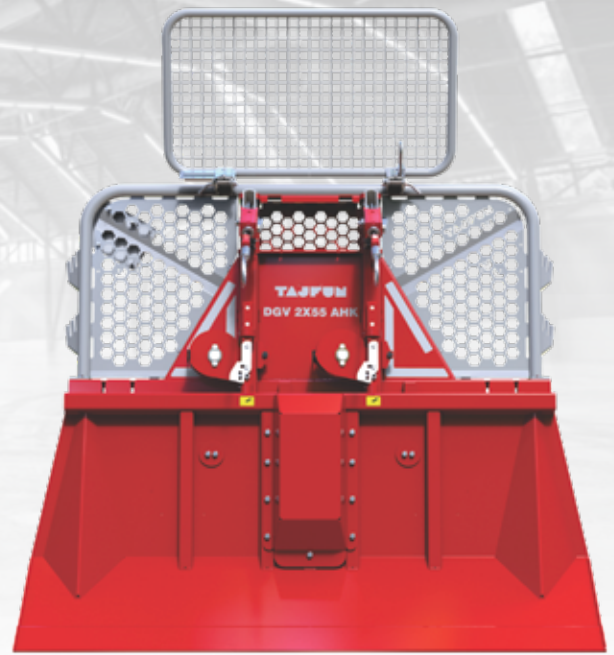




# Double Drum Winch DGV 2 x 55 AHK

is a winch with three point connecting system, intended for heavy logging. Its modern design offers wide usability, easy and reliable operation and long lifespan.

- The winch is made according to international technical and safety regulations.
- The winch drive incorporates two drums which turn in opposite directions and allow equal distribution of forces on the frame. The drums are functionally independent and offer simultaneous work.
- The drums are positioned in the lower part of the frame, to make the drum axles parallel to the tractor axles. High distance between the drum and the inner pulley allows better wire rope coiling and lower center of gravity of the winch.
- The winch is controlled by built-in hydraulic system and operated by using a control pendant or radio remote control.



Optional – radio remote control





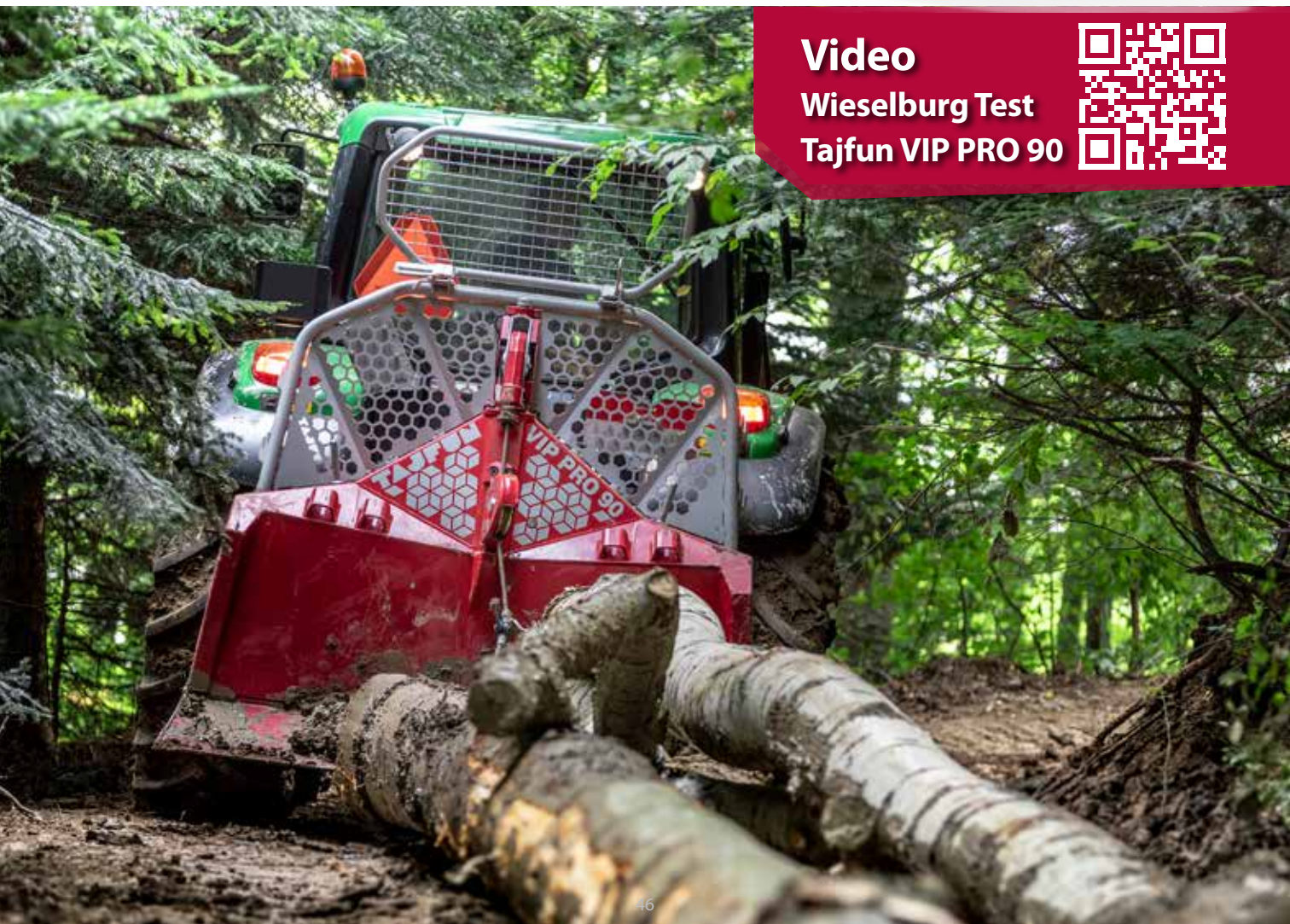
# Logging Winch VIP PRO 90

The VIP PRO 90 logging winch, with 90 kN pulling power and many features, is the pioneer of a new generation of winches:

- Robust gearbox with high efficiency (98%)
- High quality STREX and HARDOX frame
- Pull-activated wire rope feeding (adjustable) prevents uncontrolled wire rope unwinding
- Continuous regulation of wire rope feeding speed
- Limit switch
- Lower pulley
- Hydraulically movable logging blade



Radio Remote Control (Option)



**Video**

**Wieselburg Test**

**Tajfun VIP PRO 90**





**A wide hydraulically movable bottom blade** provides excellent anchoring and optimum stability during work.



The main advantage of the hydraulic movable logging blade is the easier and more efficient hauling of logs.

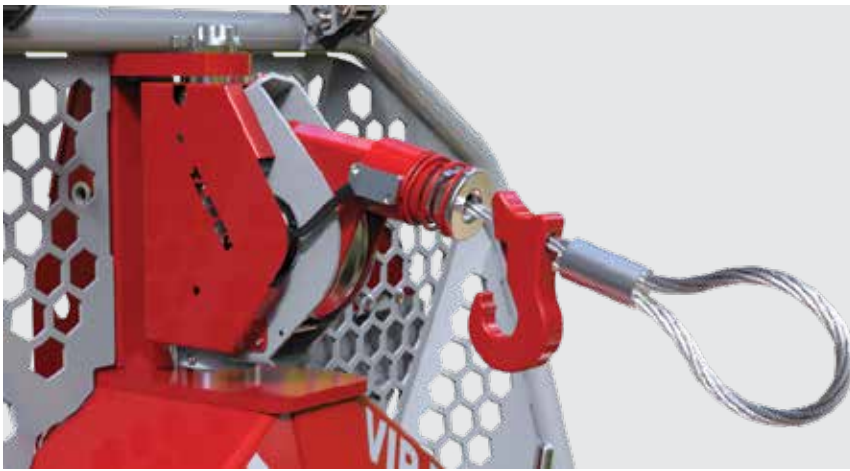


## The first reduction gear-driven winch to successfully pass the 10-hour Wieselburg test!

**VIP PRO 90 – logging winch for working in the harshest working conditions and on challenging terrain. Working under these conditions is also greatly facilitated by:**

- **Pull-activated wire rope feeding** prevents uncontrolled wire rope unwinding. This way, you can control the amount of unwound wire rope required. The feeding activation force is adjustable, depending on whether the wire rope needs to be pulled up or down.
- **The winder** provides proper winding of the wire rope along the entire width of the drum. This enables correct winding, even when the rope is not taut, as it is throttled by the feeding device integrated in the winder.





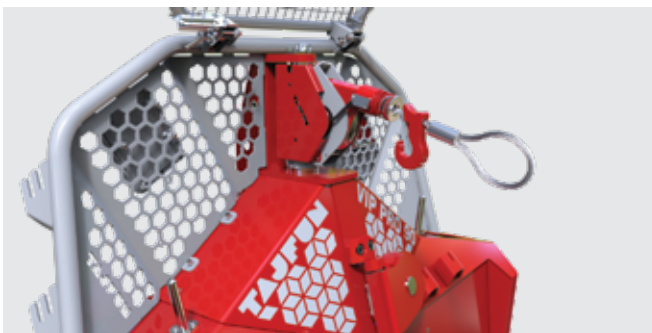
**Reliable limit switch** on the upper pulley with an automatic pulling switch-off function. It automatically stops when the loop reaches the wire rope guide, even if the operator has not deactivated the pulling in time. This prevents damage to the top pulley and the wire rope.



Strong, high-quality STRENX and HARDOX frame. All vital parts are integrated into the frame to protect against external influences.



A robust and highly-efficient reduction gear with oil bath, which requires minimal maintenance.



In addition to the limit switch, the upper pulley has an integrated wire rope feeding mechanism and an adjusting button. The mechanism is protected against mechanical damage by the pulley housing and covers.



Bottom pulley with patented system for the quick insertion/removal of the wire rope. During transport, it is held in position by a magnet on the frame.



**A tool box** with a lid and a lock ensures that the tool is not misplaced during driving and working.

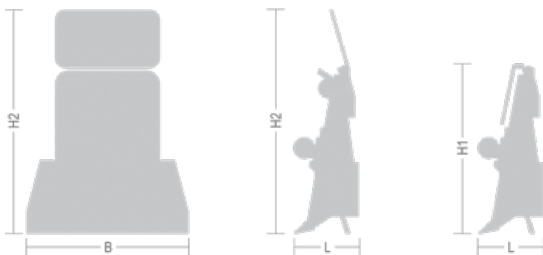






## EGV 35 A

Pulling Power	7,900 lbs
Brake Power	9,900 lbs
Gear Ratio	1 : 7.5
Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	24.75"–46.5"/s
Max. Drum Capacity	Ø 11 mm/180'
	Ø 10 mm/223'
	<b>Ø 9 mm/272'</b>
Required Tractor Capacity	11–25 kW (15–35 HP)
Weight Without Wire Rope	530 lbs
Mounting	I, II
Bottom Pulley	✓
Coupling	✓
Differential Brake Band	✓
Radio Remote Control	✗
Powered Upper Pulley	✗



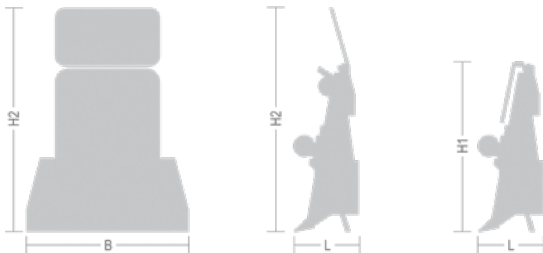
	EGV 35 A
Width (B)	48"
Length (L)	19.25"
Transport Height (H1)	50"
Overall Height (H2)	79"



## EGV 45 A

## EGV 45 AHK EGV 45 AHK SG

10,000 lbs	Pulling Power	10,000 lbs
12,500 lbs	Brake Power	12,500 lbs
1 : 8.89	Gear Ratio	1 : 8.89
21.25"–42.5"/s	Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	21.25"–42.5"/s
Ø 12 mm/200'	Max. Drum Capacity	Ø 12 mm/200'
Ø 11 mm/255'		Ø 11 mm/255'
Ø 10 mm/308'		Ø 10 mm/308'
<b>Ø 9 mm/410'</b>		<b>Ø 9 mm/410'</b>
15–37 kW (20–50 HP)	Required Tractor Capacity	15–37 kW (20–50 HP)
728 lbs	Weight Without Wire Rope	772 lbs
I, II	Mounting	I, II
✓	Bottom Pulley	✓
✓	Coupling	✓
✓	Differential Brake Band	✓
×	Radio Remote Control	Optional
×	Powered Upper Pulley	EGV 45 AHK SG



	EGV 45 A / EGV 45 AHK (SG)
Width (B)	55"
Length (L)	21"
Transport Height (H1)	54"
Overall Height (H2)	91"

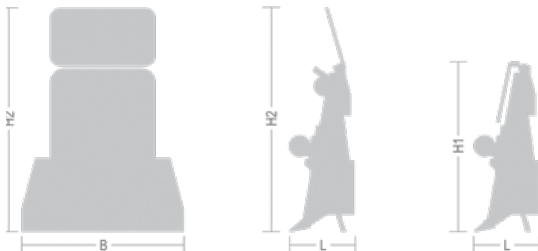




## EGV 55 A

## EGV 55 AHK EGV 55 AHK SG

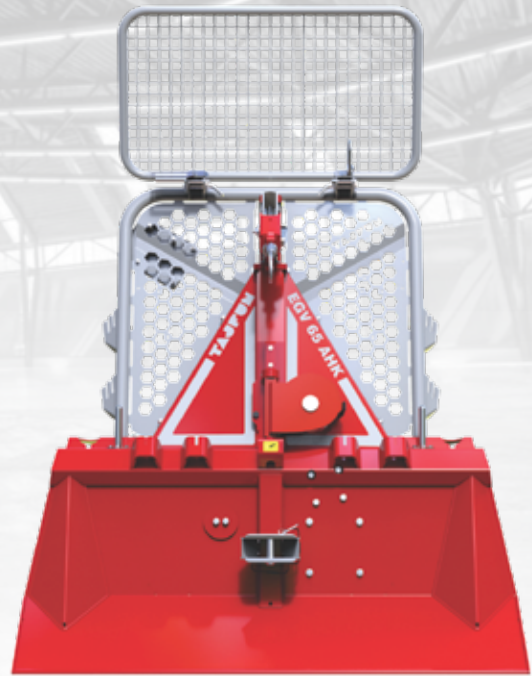
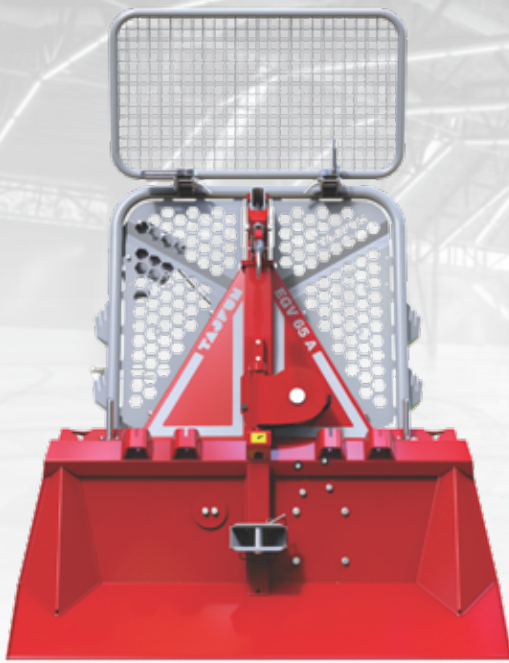
12,250 lbs	Pulling Power	12,250 lbs
15,500 lbs	Brake Power	15,500 lbs
1 : 8.9	Gear Ratio	1 : 8.9
21.25"–42.25"/s	Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	21.25"–42.25"/s
Ø 13 mm/183'	Max. Drum Capacity	Ø 13 mm/183'
Ø 12 mm/200'		Ø 12 mm/200'
Ø 11 mm/255'		Ø 11 mm/255'
<b>Ø 10 mm/311'</b>		<b>Ø 10 mm/311'</b>
25–52 kW (35–70 HP)	Required Tractor Capacity	25–52 kW (35–70 HP)
761 lbs	Weight Without Wire Rope	761 lbs
I, II	Mounting	I, II
✓	Bottom Pulley	✓
✓	Coupling	✓
✓	Differential Brake Band	✓
×	Radio Remote Control	Optional
×	Powered Upper Pulley	EGV 55 AHK SG



### EGV 55 A / EGV 55 AHK (SG)

### EGV 55 A 1.8M / EGV 55 AHK 1.8M (SG)

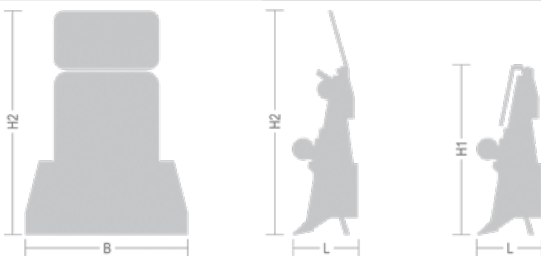
Width (B)	60"	71"
Length (L)	23"	23"
Transport Height (H1)	63"	63"
Overall Height (H2)	91"	91"



## EGV 65 A

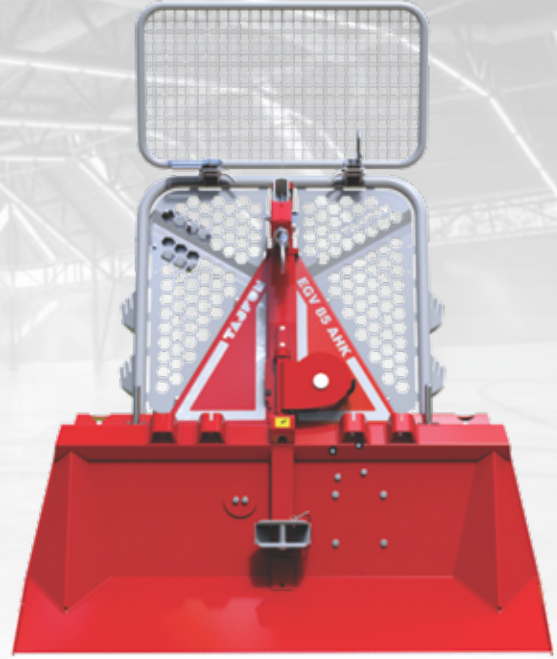
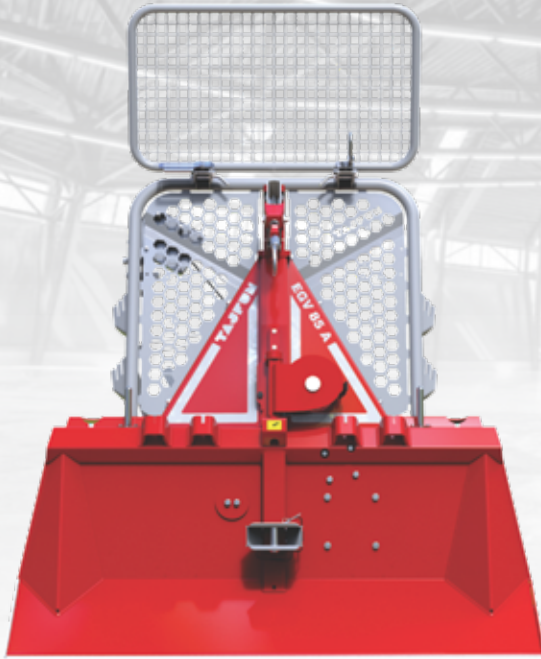
## EGV 65 AHK EGV 65 AHK SG

14,500 lbs	Pulling Power	14,500 lbs
18,000 lbs	Brake Power	18,000 lbs
1 : 10.8	Gear Ratio	1 : 10.8
19.5"–38.75"/s	Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	19.5"–38.75"/s
Ø 14 mm/255'	Max. Drum Capacity	Ø 14 mm/255'
Ø 13 mm/291'		Ø 13 mm/291'
Ø 12 mm/387'		Ø 12 mm/387'
<b>Ø 11 mm/459'</b>		<b>Ø 11 mm/459'</b>
37–66 kW (50–90 HP)	Required Tractor Capacity	37–66 kW (50–90 HP)
1,136 lbs	Weight Without Wire Rope	1,191 lbs
II, III	Mounting	II, III
✓	Bottom Pulley	✓
✓	Coupling	✓
✓	Differential Brake Band	✓
×	Radio Remote Control	Optional
×	Powered Upper Pulley	EGV 65 AHK SG



	EGV 65 A EGV 65 AHK (SG)	EGV 65 A 1.8M EGV 65 AHK 1.8M (SG)	EGV 65 AHK 2.05M (SG)
Width (B)	66"	71"	81"
Length (L)	27"	27"	27"
Transport Height (H1)	69"	69"	69"
Overall Height (H2)	91"	91"	91"

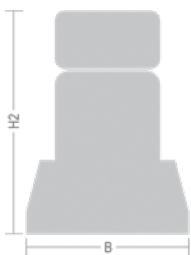




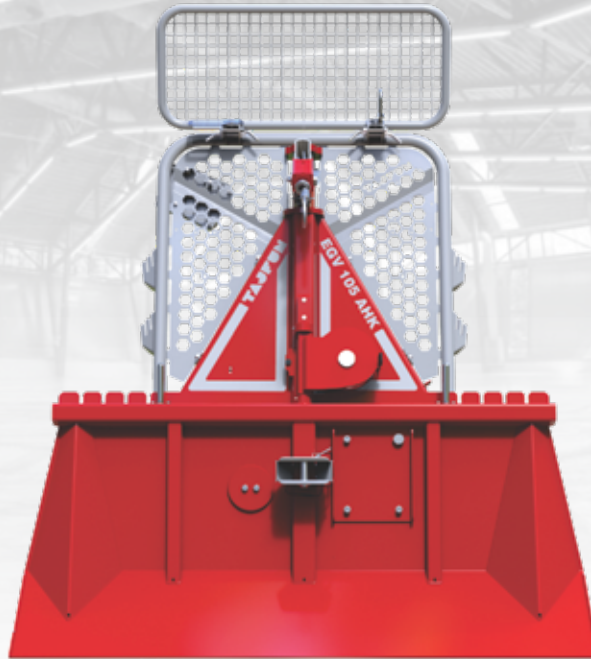
## EGV 85 A

## EGV 85 AHK EGV 85 AHK SG

19,000 lbs	Pulling Power	19,000 lbs
23,500 lbs	Brake Power	23,500 lbs
1 : 10.7	Gear Ratio	1 : 10.7
20"-43"/s	Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	20"-43"/s
Ø 15 mm/282'	Max. Drum Capacity	Ø 15 mm/282'
Ø 14 mm/347'		Ø 14 mm/347'
<b>Ø 13 mm/360'</b>		<b>Ø 13 mm/360'</b>
52-100 kW (70-135 HP)	Required Tractor Capacity	52-100 kW (70-135 HP)
1,257 lbs	Weight Without Wire Rope	1,301 lbs
II, III	Mounting	II, III
✓	Bottom Pulley	✓
✓	Coupling	✓
✓	Differential Brake Band	✓
×	Radio Remote Control	Optional
×	Powered Upper Pulley	EGV 85 AHK SG

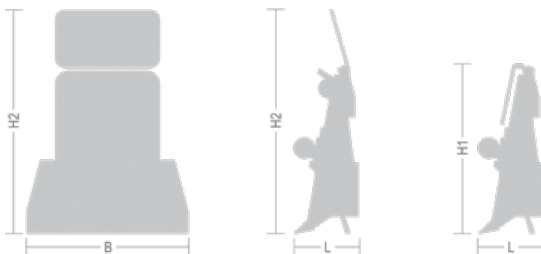


	EGV 85 A EGV 85 AHK (SG)	EGV 85 A 1.95M EGV 85 AHK 1.95M (SG)	EGV 85 AHK 2.05M EGV 85 AHK 2.05M (SG)
Width (B)	71"	77"	81"
Length (L)	27"	27"	27"
Transport Height (H1)	70"	70"	70"
Overall Height (H2)	91"	91"	91"



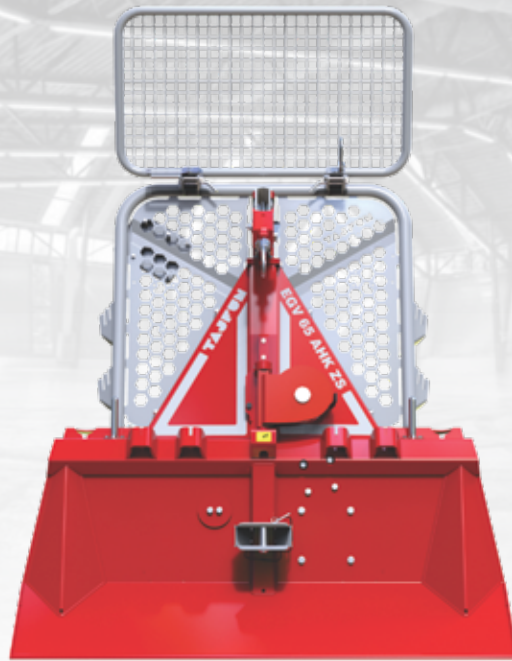
## EGV 105 AHK EGV 105 AHK SG

Pulling Power	22,500 lbs
Brake Power	28,100 lbs
Gear Ratio	1 : 12.1
Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	19.75"–40"/s
Max. Drum Capacity	Ø 18 mm/269'
	Ø 16 mm/360'
	Ø 15 mm/410'
	<b>Ø 14 mm/426'</b>
Required Tractor Capacity	> 74 kW (> 100 HP)
Weight Without Wire Rope	1,764 lbs
Mounting	III
Bottom Pulley	✓
Coupling	✓
Differential Brake Band	✓
Radio Remote Control	Optional
Powered Upper Pulley	EGV 105 AHK SG



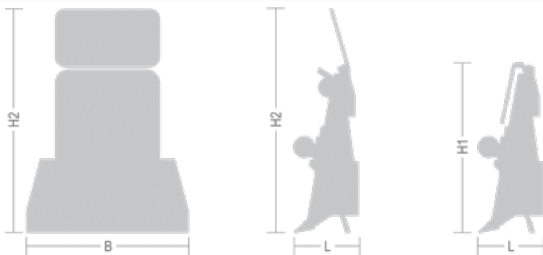
	EGV 105 AHK (SG)	EGV 105 AHK 2.3M (SG)
Width (B)	77"	91"
Length (L)	31"	31"
Transport Height (H1)	76"	76"
Overall Height (H2)	91"	91"





## EGV 65 AHK ZS EGV 65 AHK ZS SG

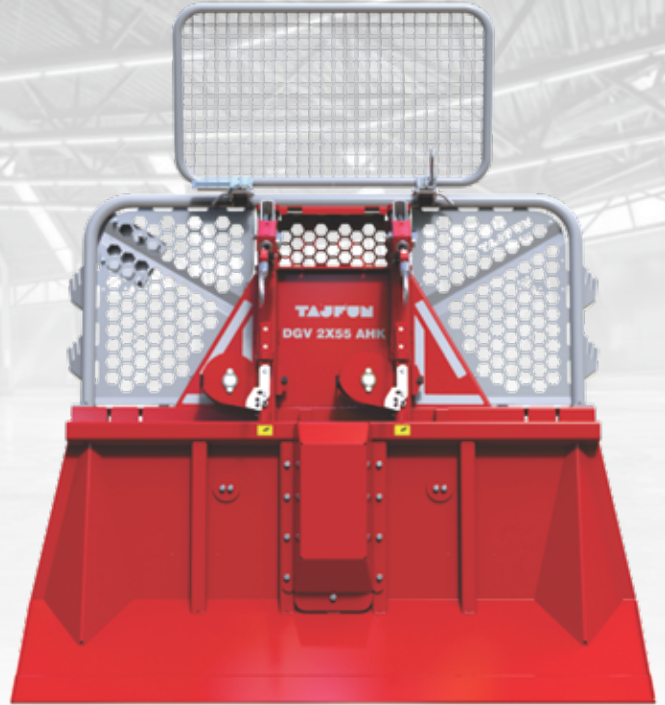
Pulling Power	14,500 lbs
Brake Power	18,000 lbs
Gear Ratio Back	1:10.8
Gear Ratio Front	1:18.6
Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	19.5"–38.75"/s
Max. Drum Capacity	Ø 14 mm/255'
	Ø 13 mm/291'
	Ø 12 mm/387'
	<b>Ø 11 mm/459'</b>
Required Tractor Capacity	37–66 kW (50–90 HP)
Weight Without Wire Rope	1,191 lbs
Mounting	II, III
Bottom Pulley	✓
Coupling	✓
Differential Brake Band	✓
Radio Remote Control	Optional
Powered Upper Pulley	EGV 65 AHK ZS SG



EGV 65 AHK ZS (SG)

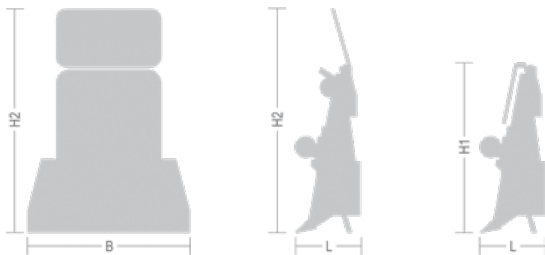
EGV 65 AHK ZS 1.8M (SG)

Width (B)	66"	71"
Length (L)	26"	26"
Transport Height (H1)	69"	69"
Overall Height (H2)	91"	91"



**DGV 2 x 55 AHK**  
**DGV 2 x 55 AHK SG**  
**DGV 2 x 55 AHK 1 x SG**

Pulling Power	2 x 12,300 lbs
Brake Power	15,500 lbs
Gear Ratio	1 : 9.1
Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	20.75" - 40.75"/s
Max. Drum Capacity	Ø 13 mm/183' x 2
	Ø 12 mm/200' x 2
	Ø 11 mm/255' x 2
	<b>Ø 10 mm/311' x 2</b>
Required Tractor Capacity	59–100 kW (80–135 HP)
Weight Without Wire Rope	1,522 lbs
Mounting	II, III
Bottom Pulley	✓
Coupling	✗
Differential Brake Band	✓
Radio Remote Control	Optional
Powered Upper Pulley	DGV 2 x 55 AHK SG and DGV 2 x 55 AHK 1 x SG



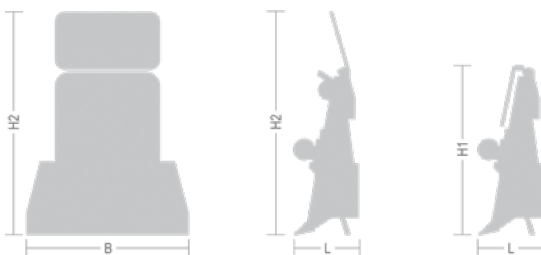
	DGV 2 x 55 AHK (SG or 1 x SG)	DGV 2 x 55 AHK 2.2M (SG ali 1 x SG)
Width (B)	78"	87"
Length (L)	26"	26"
Transport Height (H1)	71"	71"
Overall Height (H2)	91"	91"





## VIP PRO 90

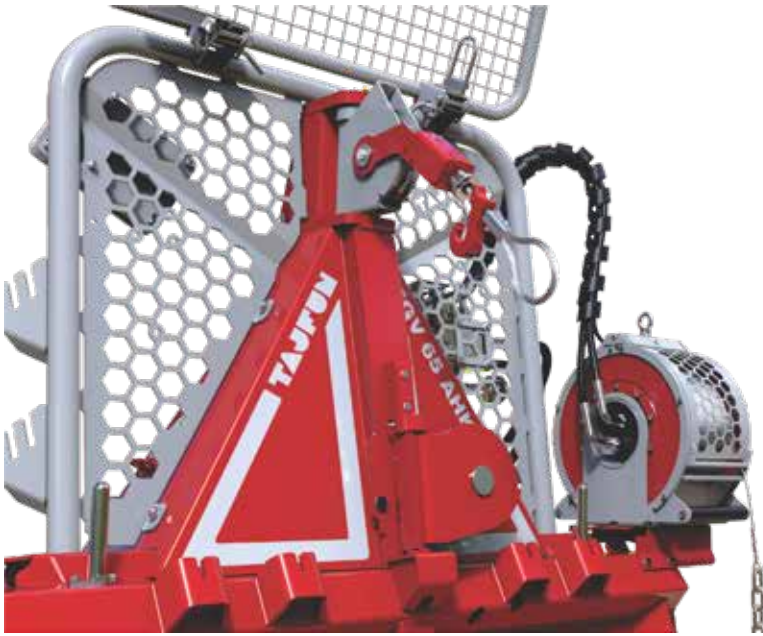
Pulling Power	20,230 lbs
Brake Power	25,291 lbs
Gear Ratio	1:13.7
Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 300 rpm)	10.63"–17.32"/s
Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	19.68"–31.10"/s
Required Tractor Capacity	75–110 kW (100–150 HP)
Weight Without Wire Rope	2,050 lbs
Max. Drum Capacity	Ø 13 mm/426.5'
Mounting	II, III
Bottom Pulley	✓
Differential Brake Band	✓
Radio Remote Control	Optional



	VIP PRO 90
Width(B)	78.74"
Length (L) - Middle position of movable logging blade	34.25"
Transport Height (H1)	73.62"
Overall Height (H2)	90.55"

# LOGGING WINCHES ACCESSORIES

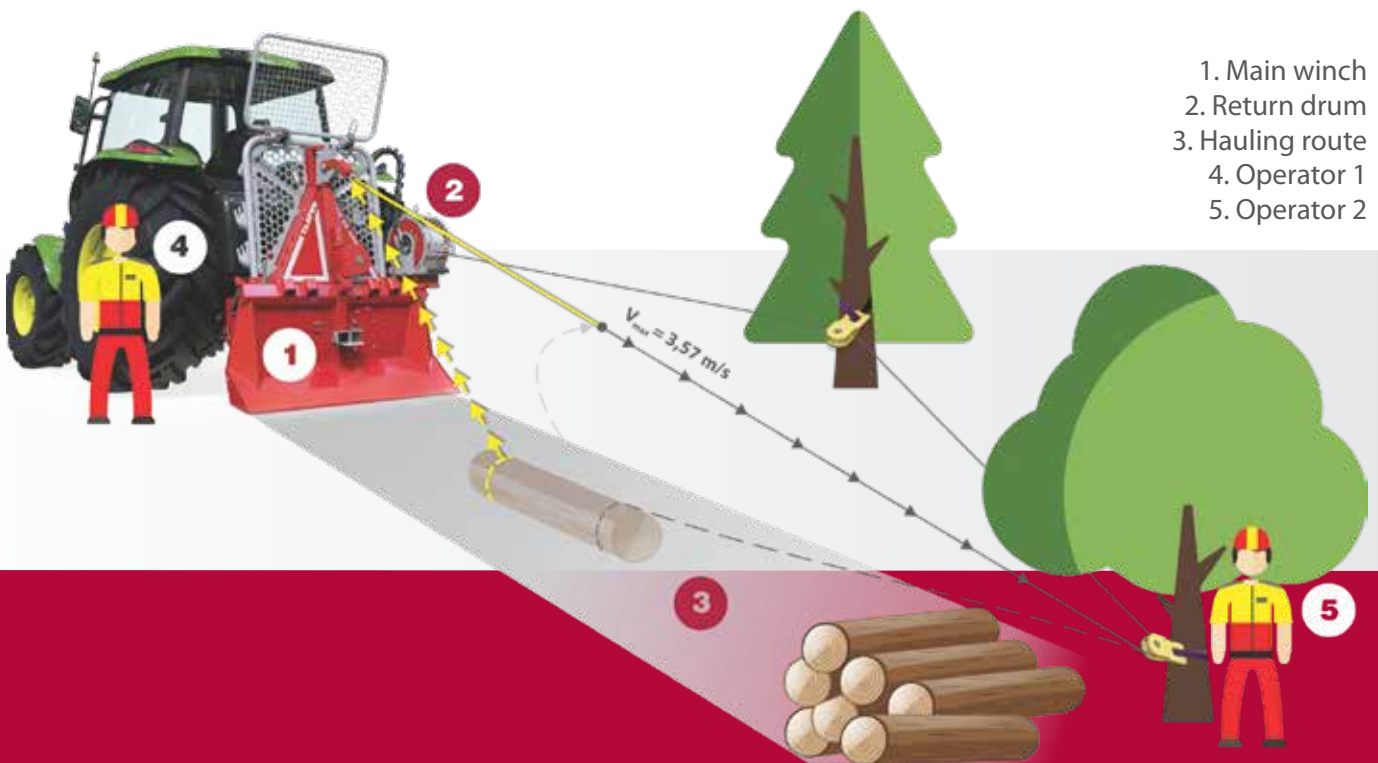
## BP3 Return Drum



The BP 3 Return Drum is a new Tajfun product that serves as a complement to the performance of forestry winches (hydraulic). It is mounted onto a winch or a floor base (optional).

The wire rope of the return drum is routed around the hauling route by means of dedicated pulleys, which are mounted on the surrounding trees. With a return drum, the wire rope is pulled out quickly and effortlessly from the main winch to the desired location. This type of system requires two operators. One controls the system

with a control console or a remote controller (optional) and releases the logs at the main winch, while the other operator secures the logs at the other end of the route.



The BP3 return drum and the hydraulic forestry winch can be controlled using the DGV control console or the F10 DGV radio remote control unit.



Article Number	Description
244673	BP 3 Return Drum
Traction force	675 lbs
Drive	Tractor hydraulics – hydromotor
Oil flow	13 – 16 gal/min
Pressure (max)	2030 psi
Wire rope speed (at 50 l/min)	8–10 ft/s
Wire rope speed (at 60 l/min)	9–12 ft/s
Weight (with wire rope Ø 4 mm / 1312')	243 lbs
Length of wire rope (max)	Ø 4 mm/1312'
Width	12"
Length	17"
Height	19"
Compatibility	EGV 45 AHK, EGV 55 AHK, EGV 65 AHK, EGV 85 AHK, EGV 105 AHK

- Electro-hydraulic control
- Sensor for activating wire rope feed
- Radio remote control (optional)
- Corresponding guide pulleys (4 pieces) and load strips (4 pieces)
- Floor base and quick couplers for disconnecting the return drum (optional)
- Swingarm with manual winch (optional)



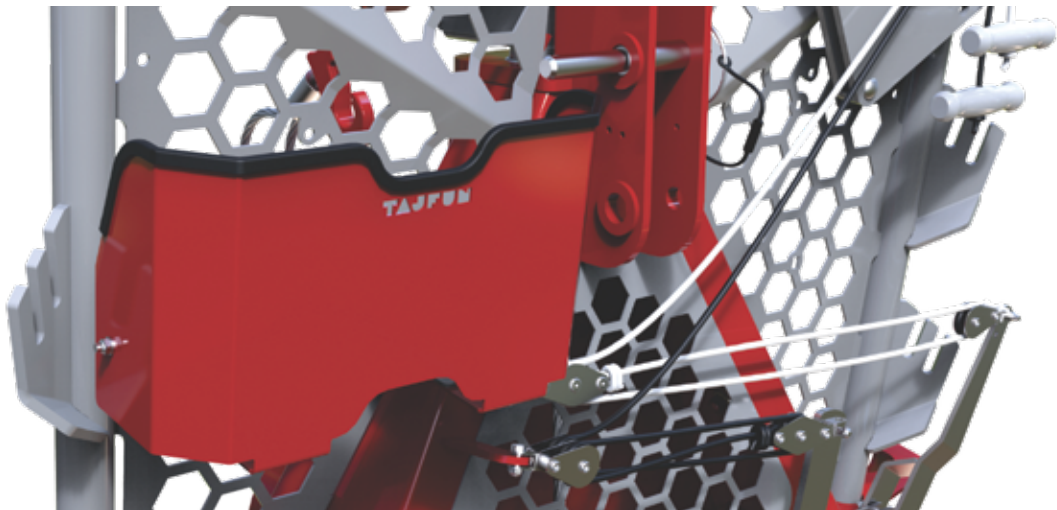
Swingarm with manual winch

Floor base



# Fuel container holder

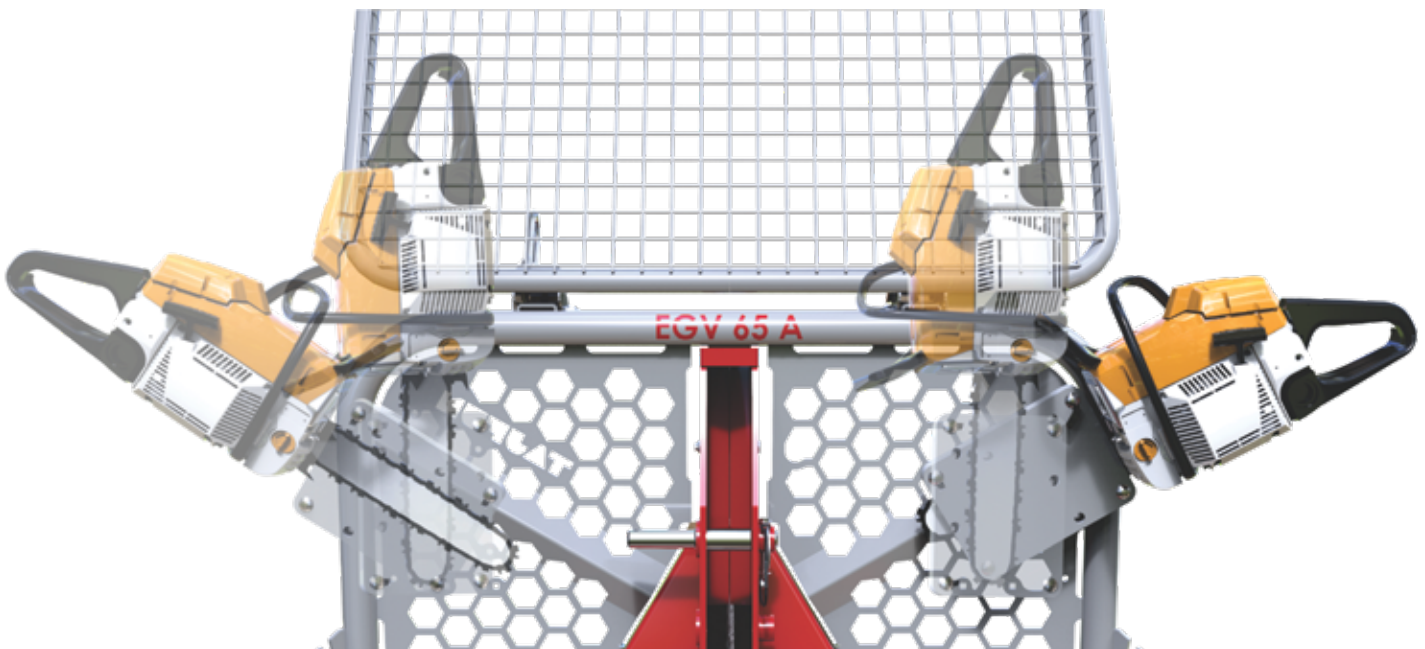
The fuel container holder can be installed on the left or right side of the safety net.



Article number	Name	Weight	Compatibility	Width x Length
241259	Fuel container holder	8.0 lbs	EGV 35 A, EGV 45 A, EGV 45 AHK, EGV 55 A, EGV 55 AHK, EGV 65 A, EGV 65 AHK, EGV 65 AHK ZS, EGV 85 A, EGV 85 AHK, EGV105 AHK, DGV 2x55 AHK	6"-7.4" x 13.5"
246205	Fuel container holder XL	8.0 lbs	EGV 55 A, EGV 55 AHK, EGV 65 A, EGV 65 AHK, EGV 65 AHK ZS, EGV 85 A, EGV 85 AHK, EGV105 AHK, DGV 2x55 AHK	6"-7.4" x 15"

# Motor saw holder

The motor saw holder can be installed on the left or right side of the safety net. One winch can hold up to two holders.



Article number	Name	Weight	Compatibility
205574	Motor saw holder	3.0 lbs	EGV 35 A, EGV 45 A, EGV 45 AHK, EGV 55 A, EGV 55 AHK, EGV 65 A, EGV 65 AHK, EGV 65 AHK ZS, EGV 85 A, EGV 85 AHK, EGV 105 AHK



# Chain holder

Chain holder can be mounted anywhere on the protective net. Several holders can be mounted on a single winch.



Article number	Name	Weight	Compatibility	Width x Length x Height
253123	Chain holder	2,65 lbs	EGV 35 A, EGV 45 A, EGV 45 AHK, EGV 55 A, EGV 55 AHK, EGV 65 A, EGV 65 AHK, EGV 65 AHK ZS, EGV 85 A, EGV 85 AHK, EGV 105 AHK, DGV 2x55 AHK, VIP PRO 90	2.6" x 5.4" x 3.1"

# Hooks

Article number	SLIDING – Slide on wire rope	Wire Rope Diameter
500079	Sliding hook	Ø 9 - Ø 13 mm
Article number	PARALLEL – Hooked to the end of wire rope	Wire Rope Diameter
500070	Parallel hook P7-8	Ø 9 mm
500071	Parallel hook P10	Ø 10–Ø 13 mm
500072	Parallel hook P13	Ø 14 mm



# Ball Joints

Article number	PIVOTING, ROTATING	Wire Rope Diameter
504398	Pivoting Ball Joint - for chain lock	Ø 8–Ø 10 mm
504399	Pivoting Ball Joint - for chain lock	Ø 10–Ø 13 mm



# Sliders

Article number	SIMPLE	Wire Rope Diameter
500090	Slider with chain lock	Ø 13 mm–
Article number	ROTATING	Wire Rope Diameter
500089	Rotating slider with chain lock D7-8	–Ø 12 mm
504155	Rotating slider with link and chain lock D7-8	–Ø 12 mm



# Wire Rope



Article number		Diameter	Weight	Breaking Force
503453	6 S-V	Ø 9 mm	0.99 lbs/Foot	20,694 lbs
503454	6 S-V	Ø 10 mm	1.19 lbs/Foot	25,059 lbs
503446	6 F-V	Ø 11 mm	1.44 lbs/Foot	29,962 lbs
503447	6 F-V	Ø 12 mm	1.68 lbs/Foot	34,348 lbs
503448	6 F-V	Ø 13 mm	1.94 lbs/Foot	40,465 lbs
503449	6 F-V	Ø 14 mm	2.23 lbs/Foot	47,210 lbs
503450	6 F-V	Ø 16 mm	2.78 lbs/Foot	52,650 lbs



\* Wire rope compatibility with particular winch models and maximum wire rope lengths are quoted in the technical data table, next to particular winch description.



# TAJFUN PS 130 Snatch Block

- High load capacity
- Easy operation even under the roughest conditions
- Low weight and small size compared to existing snatch blocks (light construction)
- SMART lock, which allows fast and simple pulley side opening
- Combination of human friendly top quality materials
- Modern innovative design



Load Capacity	29,200 lbs
Break Force	58,450 lbs
Weight	5 lbs

## Load Belt

Especially designed for operation with TAJFUN PS 130 snatch blocks, logging winches and mobile tower yarders.

Article number	Description	
212150	TAJFUN PS 130 Snatch Block with Load Belt 6.6'	
212151	TAJFUN PS 130 Snatch Block with Load Belt 9.9'	
Length	6.6'	9.9'
Load Capacity	30,865 lbs	30,865 lbs
Weight of the Package (Snatch Block and Load Belt)	7.7 lbs	9.7 lbs



Available as a package (snatch block and load belt)



# B&B F10 Radio Remote Control

Professional radio remote controls B&B F10 is essential accessory for hard working conditions and multi usage – operation of single and double drum winches. Ergonomically designed control panel allows comfortable work and reliable control also with working gloves.

Article number	Description
505120	Radio Remote Control EGV, Telenot F10 (option Gas +-)
505215	Radio Remote Control EGV, Telenot F10 (option Motor Start-Stop, Gas +-)
510905	Radio Remote Control DGV, Telenot F10 (option Motor Start-Stop, Gas+-)



## B&B F10 EGV, VIP PRO and DGV

- New shape allows optimum body fit in all situations
- Large control panel, inclined control panel, integrated safety belt ribbon
- Plastic high hardness construction with rubber coated edges
- More carrying options (on hip, chest or abdomen)
- Replaceable ordinary batteries (AA); high quality Sanyo Eneloop batteries are included
- Two way radio technology
- DIN standard compliant Stop and Emergency Switch
- Standard movement and position Sensors
- Optional GPS enabled Emergency Switch
- 5 year warranty for registered customers

B&B	B&B F10
Frequency Band	2.3' ISM Band
Transmission Capacity	10 mW ERP
System Addresses	16 M Unique Addresses
Modulation Type	GMSK / Halbduplex
Control Commands	7/10 + 1 x Emergency Switch / 1x Alarm
Temperature Range	-4 °F to +140 °F

T R A N S M I T T E R	Power supply	2 x AA NiMH- Rechargeable Batteries 1.2V / 1900 mAh
	Housing	2 K Poliamid / 66-GF+TPE
	Protection Type	IP 65
	Height x Width x Length	4.5" x 6.25" x 2.5"
	Weight	1.3 lbs
	Antenna	Integrated

R E C E I V E R	Power supply	10 V to 30 V DC
	Housing	PC ABS
	Protection Type	IP 65
	Height x Width x Length	6" x 8.5" x 2"
	Weight	1.5 lbs
	Antenna	Optional Integrated – Outside Connection



# Actuator

- Compact Construction
- Robust and Reliable
- Designed for Work in Difficult Environments
- Greased for Life
- Light, Durable and Corrosion Resistant

Article number	Description
205274	Actuator
Model	CAHB – 10
Tensile Strength	up to 220.5 lbs
Static Strength	551 lbs
Speed (Full Strength)	up to 1.75"/s
Log Length	2"–11.75"
Voltage	12 or 24 V DC
Temperature Range	40 °F to +185 °F
Protection Type	IP 66



## Throttle Regulation Module PGS01

Throttle regulation module is designed for installation into newer tractor models, equipped with proportional (electronic) engine revolution control. By simultaneous use of the module and radio remote control (with step-less gas function) the system

allows engine revolution control. With commands „Gas +“ or „Gas -“ on the radio remote control, module directly controls the electronic tractor engine speed. Module offers versatile use, since it also allows voltage and electric current control.

Article number	Description
205278	Throttle Regulation Module PGS01

## Tajfun P.T.O. Shafts

- Easy to use, user friendly C Line connection
- Flexible protection hood, which allows easy access to connecting mechanism and grease nipples Tajfun P.T.O. Shaft

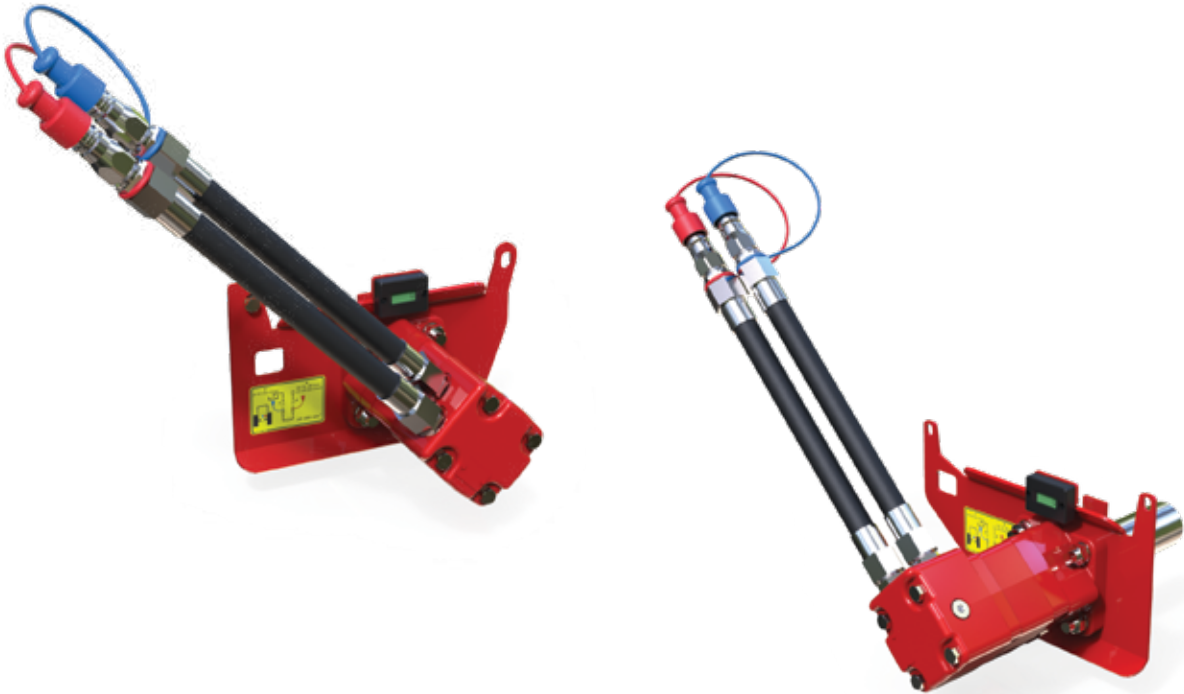


Article number	Model	Dimensions	Compatibility
504900	P.T.O Shaft Line-T 2BR+ KK560	1 3/8" Z6 – 1 3/8" Z6; L =22"	EGV 35 A, EGV 45 A
504901	P.T.O Shaft C Line-T 4BR+ KK560	1 3/8" Z6 – 1 3/8" Z6; L =22"	EGV 45 AHK, EGV 55 A, EGV 55 AHK, EGV 65 A, EGV 65 AHK, EGV 65 AHK ZS
504785	P.T.O Shaft C Line-T 6BR+ KK560	1 3/8" Z6 – 1 3/8" Z6; L =22"	EGV 85 A, EGV 85 AHK, EGV 105 AHK, DGV 2x55 AHK, VIP PRO 90

$L_{KK}$  – P.T.O. Shaft length between pivot points (mm), in compressed position rounded to 10 mm

# Hydro Power Unit HP 25 EGV 45 + 55 and HP 25 EGV 65

The hydro power unit is a tractor PTO drive replacement for a forestry winch. The drive is equipped with a hydraulic motor that is attached to the frame of the forestry winch. The connection to the forestry winch is direct, without a PTO shaft (cardan). This solution is ideal if no PTO drive is available, only the hydraulic system of the power unit. The hydro power unit is connected to the power unit with hydraulic hoses, and power is guaranteed. The unit includes a meter showing the number of rpm and the working hours.



Hydro Power Unit HP 25 EGV 45 + 55	Description	Hydro Power Unit HP 25 EGV 65
252483	Article number	248124
EGV 45 A, EGV 45 AHK (SG), EGV 55 A, EGV 55 AHK (SG)	Compatibility	EGV 65 A, EGV 65 AHK (SG)
20 gal/min	Oil flow	20 gal/min
2900 psi	Max. pressure	2900 psi
300 rpm	Output speed	300 rpm
33 HP (25 kW)	Power	33 HP (25 kW)
44 lbs	Weight	44 lbs







TRACTOR CRANE - DOT



TAJFUN





20m

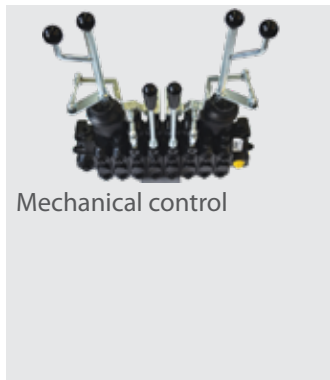


# Tractor crane DOT 50K

- Off-road tractor crane with own hydraulic system
- With a link drive and three-point coupling of category II or III
- The possibility of fixed mounting to a forestry trailer
- 23' of reach
- 21 gal oil reservoir, integrated into the base



- Option: oil cooler
- Option: Seat module on the crane column with mechanical control
- Option: Brake BR1/80/4
- More control options



Mechanical control



Mechanical control with 2 electric ON-OFF valves



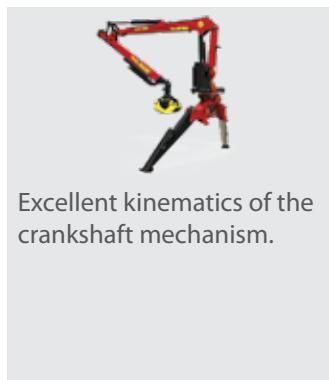
Electro-proportional control with 2 joysticks



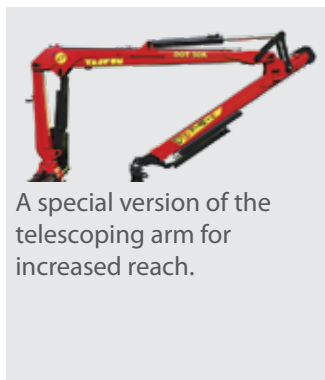
Electro-proportional control with Scanreco radio remote control



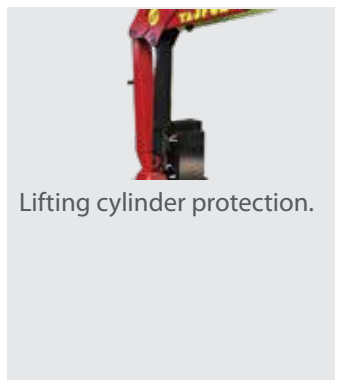
A four-joint "K" mechanism on the restraint between the lifting and the swinging arm provides for excellent work characteristics of the crane.



Excellent kinematics of the crankshaft mechanism.



A special version of the telescoping arm for increased reach.



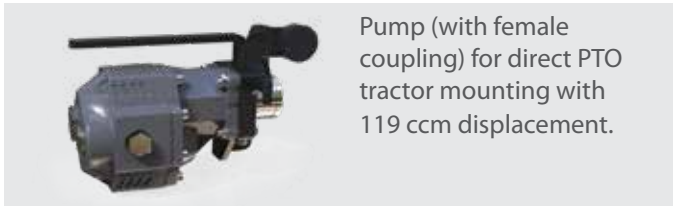
Lifting cylinder protection.



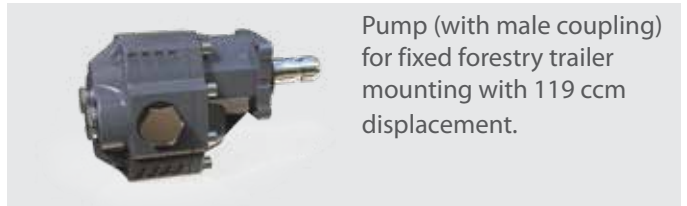
# Hydraulic pump

Based on hydraulic crane mounting we can choose between two hydraulic pumps couplings. The pump with female coupling enables three point hitch tractor mounting. The pump with male coupling enables fixed forestry trailer mounting.

Both pumps come with 119 ccm displacement (recommended RPM of PTO 750 rpm or 1000 rpm).

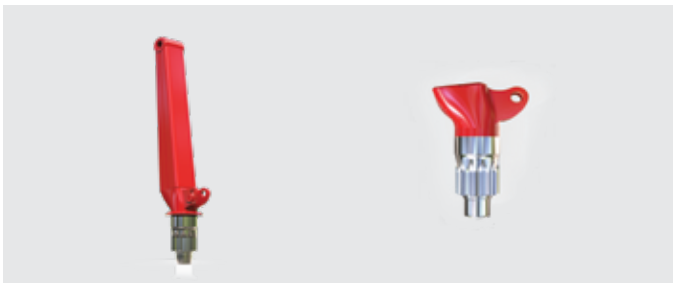


Pump (with female coupling) for direct PTO tractor mounting with 119 ccm displacement.



Pump (with male coupling) for fixed forestry trailer mounting with 119 ccm displacement.

# Column



Tractor crane's DOT 50 K column is welded on the base with butt weld, brushed and checked with ultrasound. This type of weld is of the highest quality and enables the column to react as it is made of one piece. This modern construction is slim, however not under-dimensional and enables better crane resistance to dynamic load.

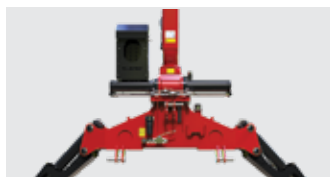
# Seat module



Seat module on the crane column enables the operator transparent and safe operation. Comfort seat with armrests enables the operator to easily reach all control levers. The seat is resistant to all weather conditions.



Pressure and return filter for ensuring the required purity of oil in the hydraulic system.



A robust turning system with two racks and four cylinders.



Robust stabilizer legs ensure a stable setting even on an uneven work terrain.



Stabilizer cylinders with integrated brake valves.



All pipes on the crankshaft mechanism are installed on top for maximum protection.



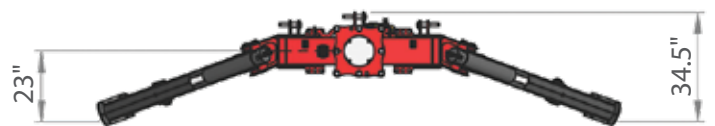
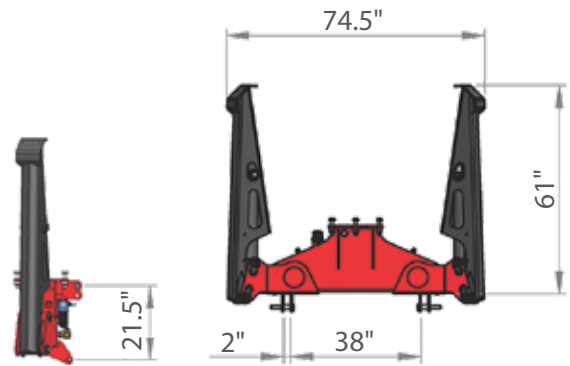
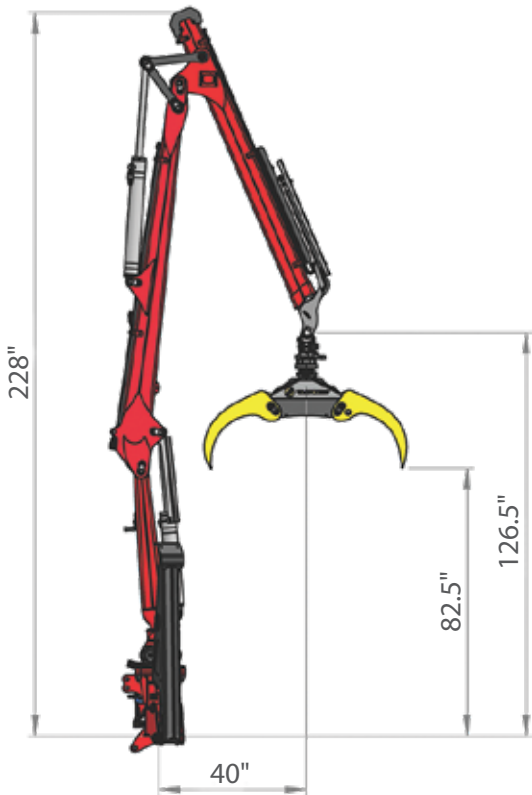
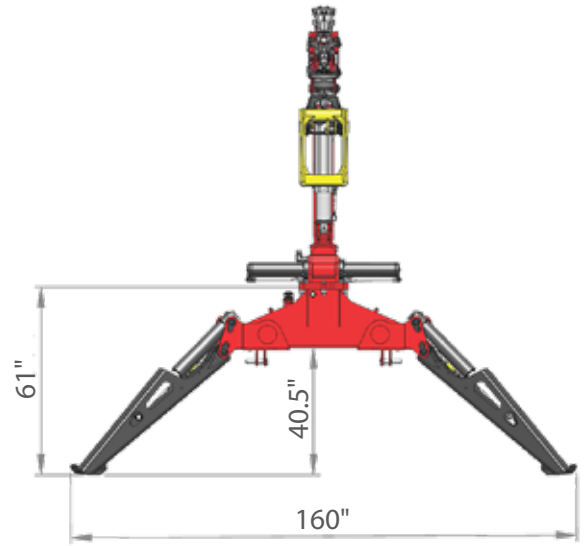
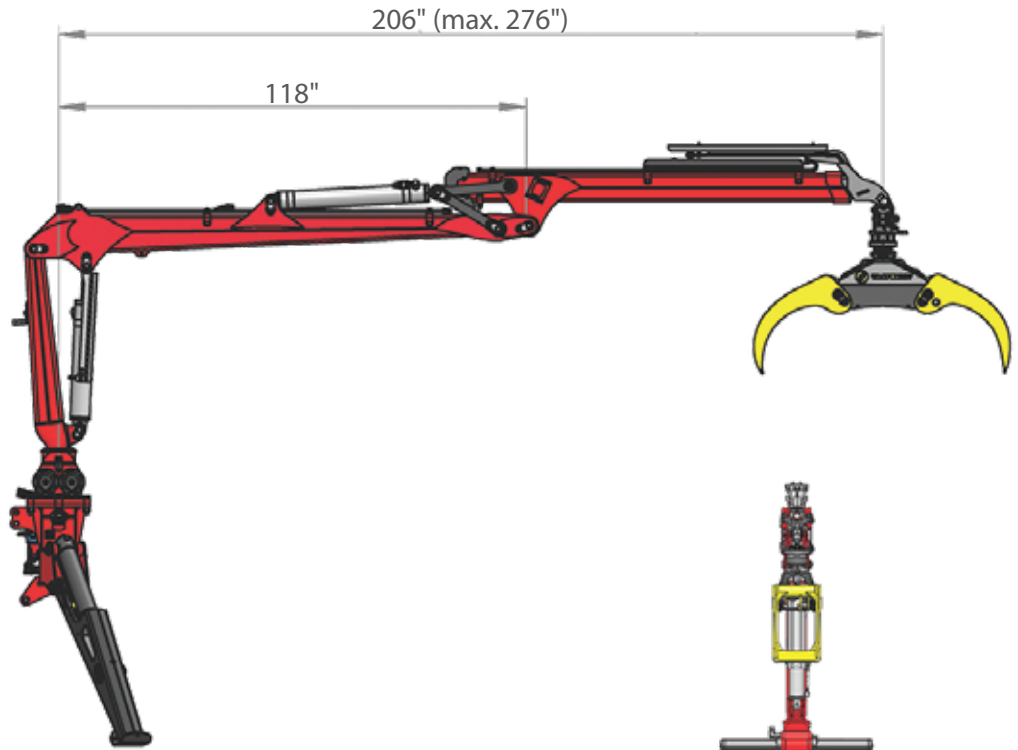
8-section electroproportional hydraulic valve allows precise control with control console.



A 4.5 t rotator with endless rotation provides high capability.

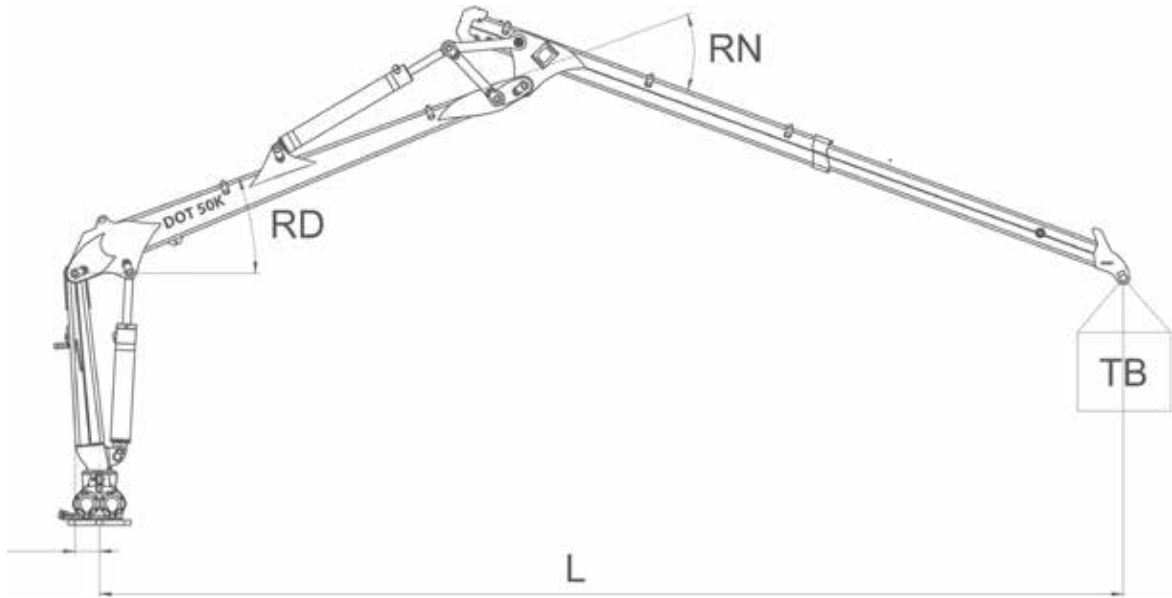


Grapple GO-22 is with standard equipment, grapple GO-026X is option.





Article number	Description
244414	Oil cooler
513074	Brake BR1/80/4
244412	Mechanical control
244415	Mechanical control with 2 electric ON-OFF valves
244417	Electro-proportional control with 2 joysticks
244754	Electro-proportional control with Scanreco radio remote control
511749	Rotator 4.5 t
248414	Pump (with female coupling) for direct PTO tractor mounting with 119 ccm displacement
248418	Pump (with male coupling) for fixed forestry trailer mounting with 119 ccm displacement



RD–RN	L (ft)	Start Length (ft)/Weight (lbs)	19.68 ft	22.9 ft	End Length (ft)/Weight (lbs)
0–0°	TB (lbs)	17.03 ft/2237.7 lbs	1977.5 lbs	1607.2 lbs	22.03 ft/1543.2 lbs
5–10°	TB (lbs)	16.93 ft/2332.5 lbs	2045.9 lbs	1730.6 lbs	22.8 ft/1701.9 lbs
10–20°	TB (lbs)	16.73 ft/2398.6 lbs	2078.9 lbs	/	22.5 ft/1757.1 lbs
15–30°	TB (lbs)	16.4 ft/2469.2 lbs	2101 lbs	/	22.14 ft/1803.4 lbs
20–40°	TB (lbs)	16.4 ft/2546.3 lbs	2096.6 lbs	/	21.49 ft/1849.7 lbs

## DOT 50K

<b>T<sub>m</sub></b>	Net lifting torque	38355 ft.lbs
<b>T<sub>m</sub></b>	Gross lifting torque	48679 ft.lbs
	Slewing angle	390 °
<b>Q</b>	Pump capacity (recommended 300-350 rpm)	10.5 gal/min
<b>Q</b>	Pump capacity (Max. 540 rpm)	18 gal/min
	Working pressure	3046 psi
	Max. reach	23.05 ft
	Net slewing torque	4014 ft.lbs
	Telescopic boom length	5.5 ft
	Crane without underframe and control	1720 lbs
	Underframe	805 lbs
	Grapple with rotator ( GO-22 standard equipment)	298 lbs
	Grapple with rotator ( GO-026X optional equipment)	428 lbs

# Hydraulic tractor crane DOT 50ZK

- Off-road tractor crane with self-contained hydraulic system
- Oil reservoir, integrated into the base
- With a link drive and three-point coupling of category II or III
- The possibility of fixed mounting to a forestry trailer
- Two stage telescope with integrated hydraulic hoses in cranes arm
- Patented ZK mechanism
- 29" of reach



- Option: oil cooler
- Option: Seat module on the crane column with mechanical control
- Option: Brake BR1/80/4
- More control options



Mechanical control



Mechanical control with 2 electric ON-OFF valves



Electro-proportional control with 2 joysticks



Scaneco radio remote control



Patented ZK mechanism on the restraint between the lifting and the swinging arm provides for excellent work characteristics of the crane.



Excellent kinematics of the crankshaft mechanism.



A special version of the two stage telescoping arm for increased reach.



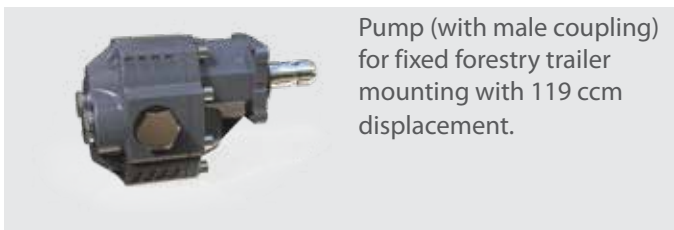
Lifting cylinder protection.



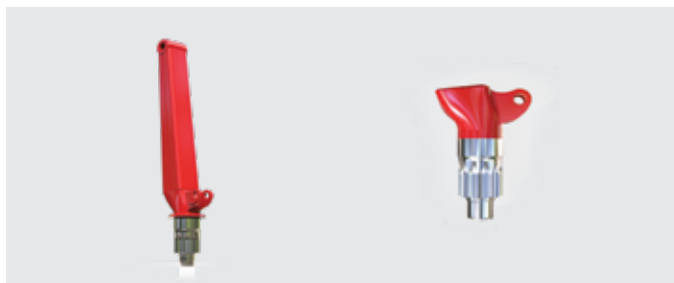
# Hydraulic pump

Based on hydraulic crane mounting we can choose between two hydraulic pumps couplings. The pump with female coupling enables three point hitch tractor mounting. The pump with male coupling enables fixed forestry trailer mounting.

Both pumps come with 119 ccm displacement (recommended RPM of PTO 750 rpm or 1000 rpm).



# Column

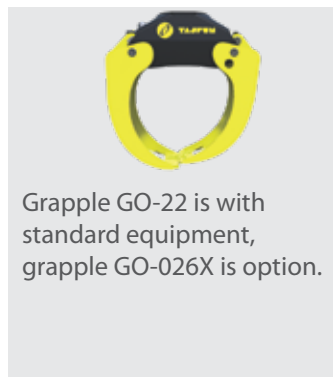
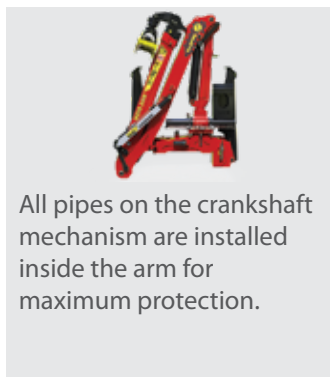
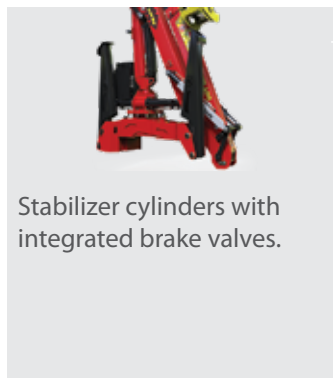
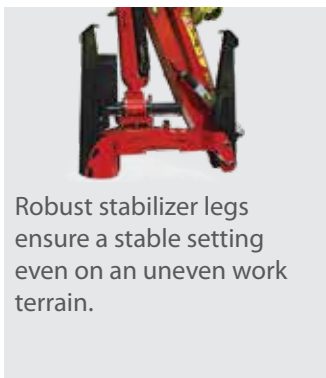
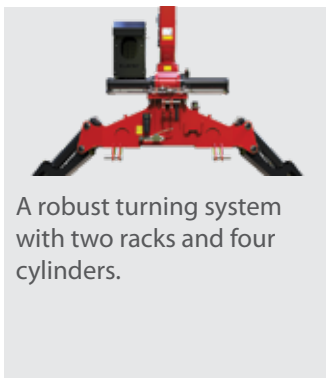


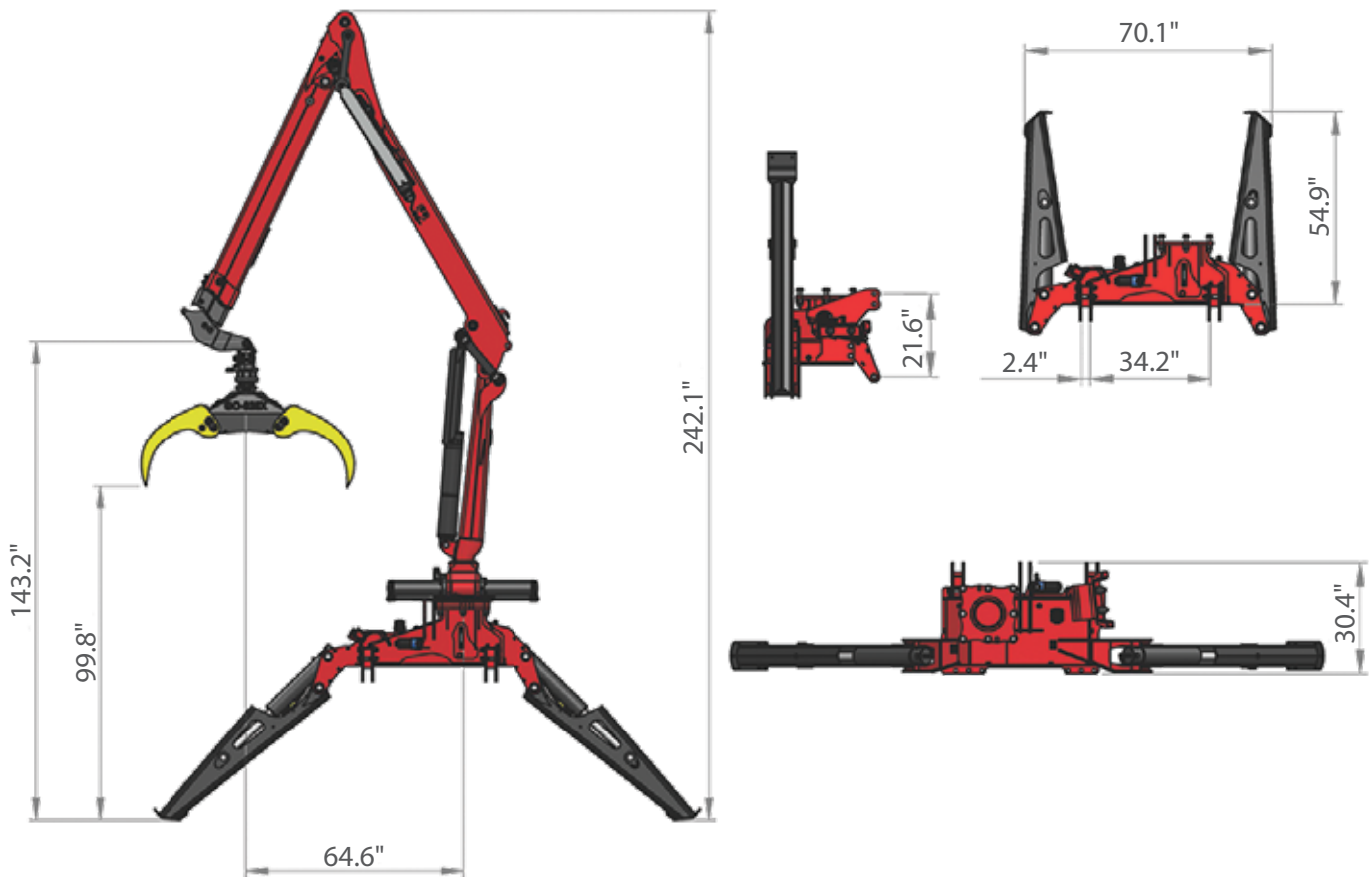
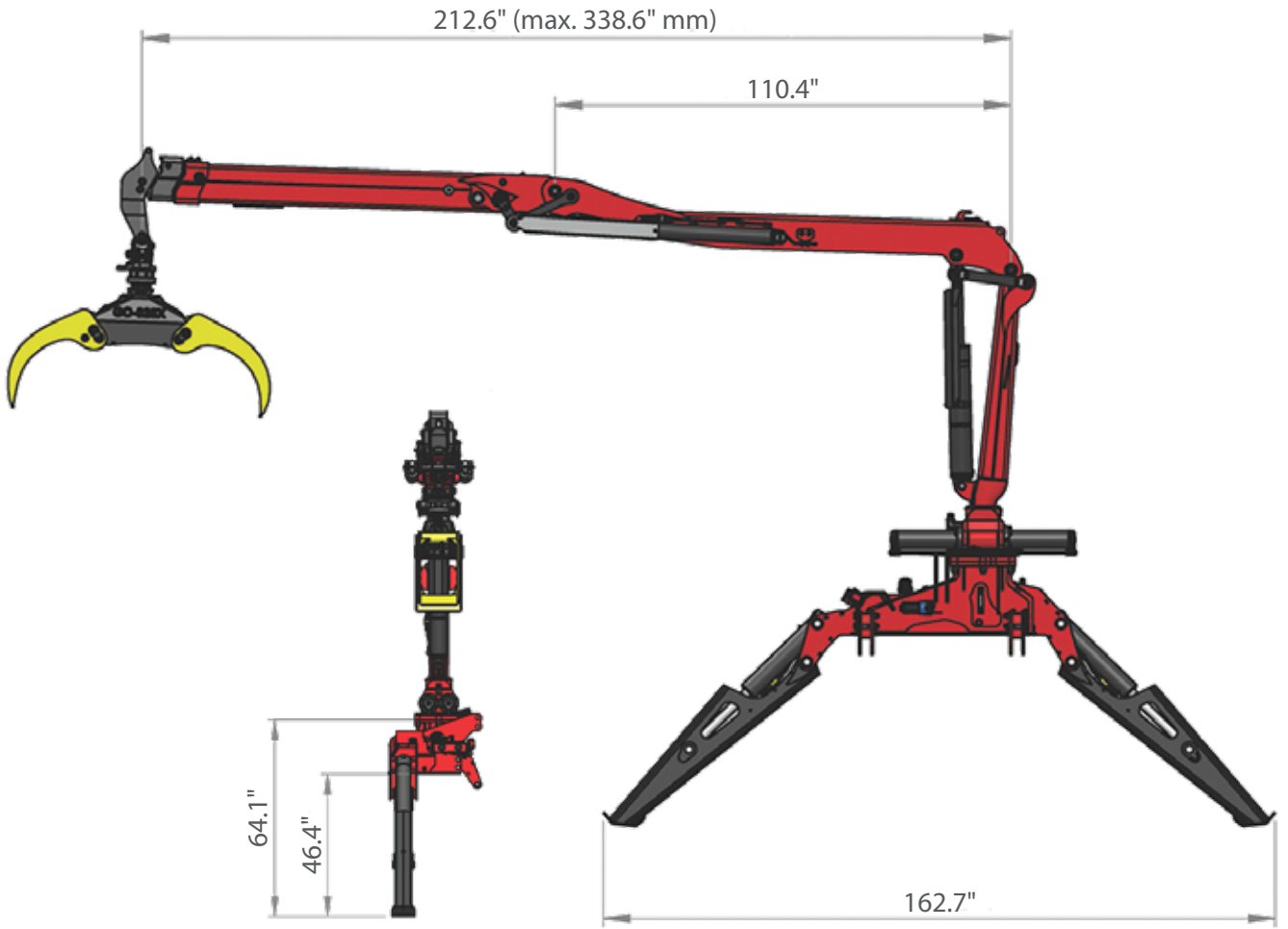
Tractor crane's DOT 50 ZK column is welded on the base with butt weld, brushed and checked with ultrasound. This type of weld is of the highest quality and enables the column to react as it is made of one piece. This modern construction is slim, however not under-dimensional and enables better crane resistance to dynamic load.

# Seat module



Seat module on the crane column enables the operator transparent and safe operation. Comfort seat with armrests enables the operator to easily reach all control levers. The seat is resistant to all weather conditions.

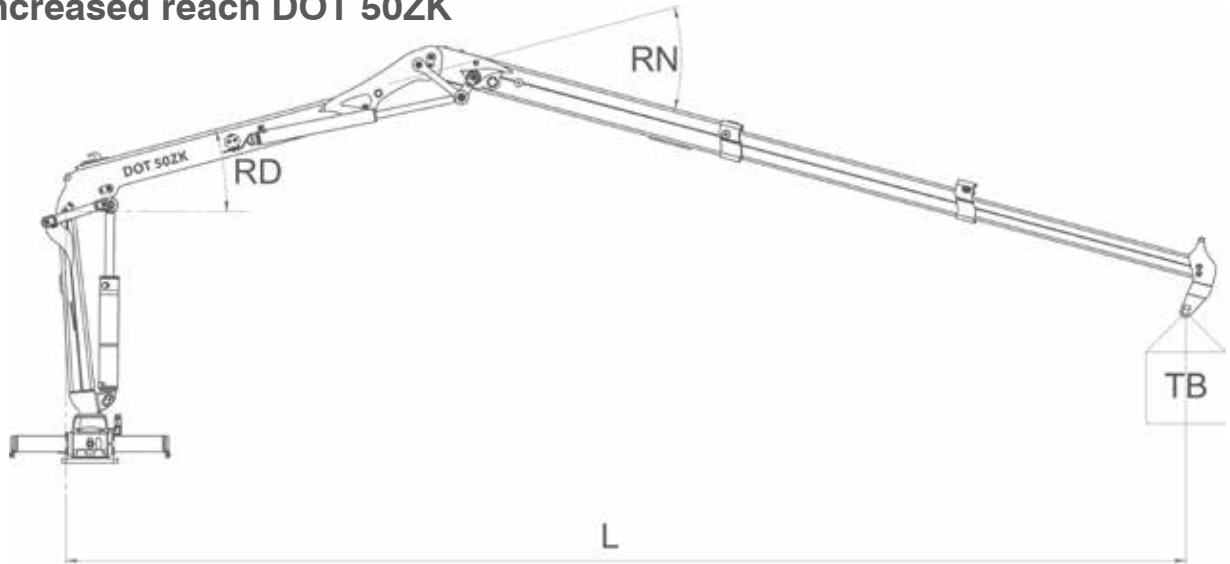






Article number	Description
249855	Oil cooler
513074	Brake BR1/80/4
244412	Mechanical control
244415	Mechanical control with 2 electric ON-OFF valves
244417	Electro-proportional control with 2 joysticks
244754	Electro-proportional control with Scanreco radio remote control
511749	Rotator 4.5 t
248414	Pump (with female coupling) for direct PTO tractor mounting with 119 ccm displacement
248418	Pump (with male coupling) for fixed forestry trailer mounting with 119 ccm displacement

## A special version of the two stage telescoping arm for increased reach DOT 50ZK

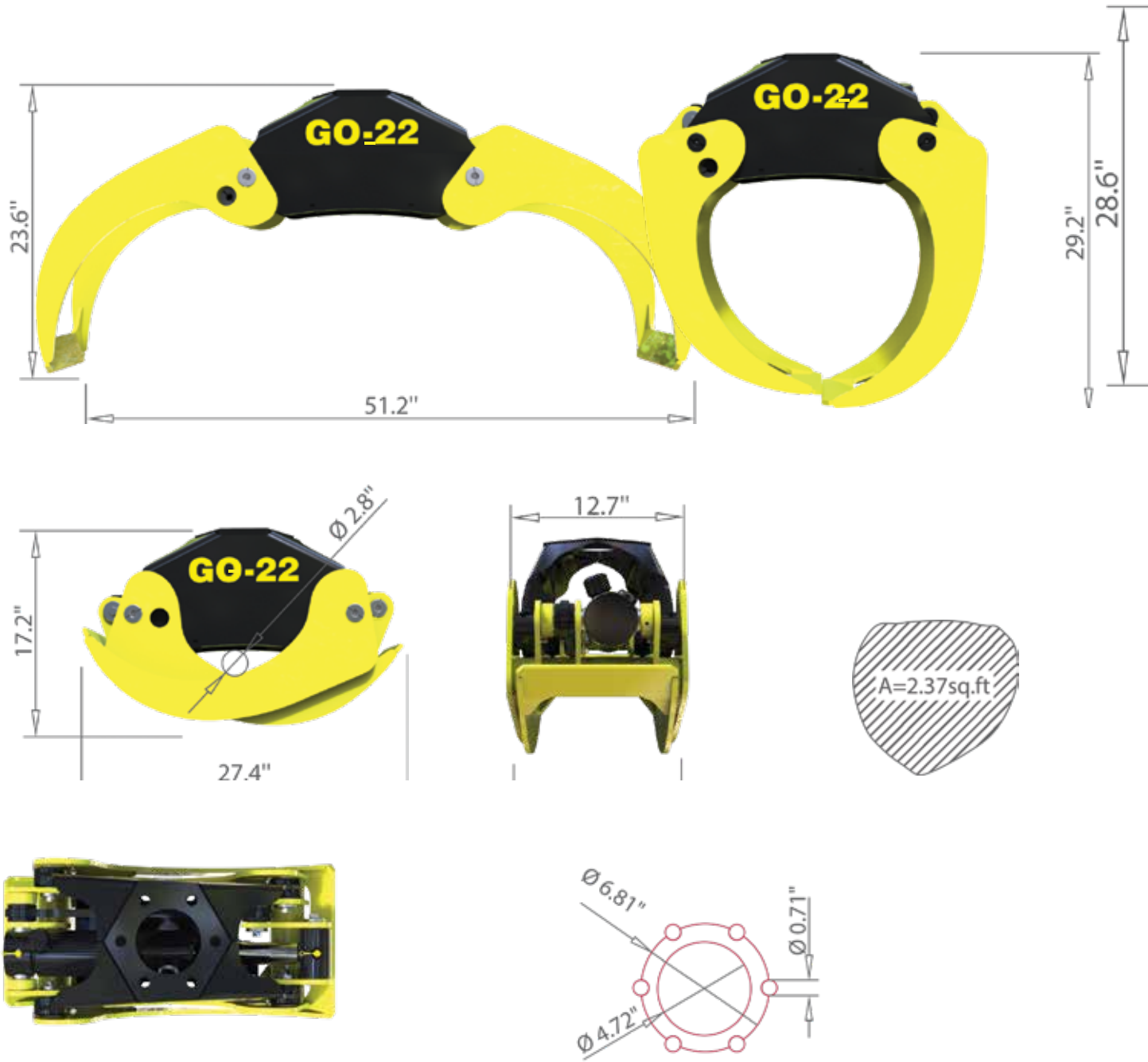


RD-RN	L (ft)	16.4 ft	19.68 ft	22.9 ft	26.25 ft	End Length (ft)/Weight (lbs)
0-0°	TB (lbs)	2204.62 lbs	1607.17 lbs	1190.5 lbs	925.94 lbs	28.22 ft/789.25 lbs
5-10°	TB (lbs)	2288.4 lbs	1913.62 lbs	1455.1 lbs	1146.4 lbs	26.9 ft/1071.45 lbs
10-20°	TB (lbs)	2299.42 lbs	1873.93 lbs	1571.9 lbs	1322.77 lbs	26.58 ft/1302.93 lbs
15-30°	TB (lbs)	2242.1 lbs	1827.63 lbs	1532.21 lbs	/	26.92 ft/1190.5 lbs
20-40°	TB (lbs)	2173.76 lbs	1774.72 lbs	1488.12 lbs	/	24.93 ft/1344.82 lbs

## DOT 50ZK

<b>T<sub>m</sub></b>	Net lifting torque	36878 ft.lbs
<b>T<sub>m</sub></b>	Gross lifting torque	50154 ft.lbs
	Slewing angle	350 °
<b>Q</b>	Pump capacity (recommended 300-350 rpm)	10.5 gal/min
<b>Q</b>	Pump capacity (Max. 540 rpm)	18 gal/min
	Working pressure	3336 psi
<b>L<sub>max</sub></b>	Max. reach	28.2 ft
	Net slewing torque	4014 ft.lbs
	Telescopic boom length	10.5 ft
	Crane without underframe and control	2425 lbs
	Underframe	992 lbs
	Grapple with rotator (GO-22 standard equipment)	298 lbs
	Grapple with rotator (GO-026X optional equipment)	428 lbs

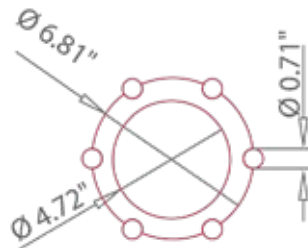
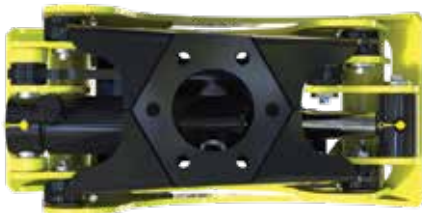
# Grapple GO-22



Article number		Description		
241409		Grapple GO-22		
Weight	Load	Clamping force with open grapple 3046 psi	Clamping force with semi-open grapple 3046 psi	Operating pressure
220.5 lbs	6744 lbs	2248 lbs	2810 lbs	3046 psi



# Grapple GO-026X



Article number		Description		
238667		Grapple GO-026X		
Weight	Load	Clamping force with open grapple 3046 psi	Clamping force with semi-open grapple 3046 psi	Operating pressure
342 lbs	8992 lbs	2248 lbs	3147 lbs	3046 psi

FORESTRY TRAILERS - GAP



TAJFUM



NEW





# Forestry trailers

The Tajfun forestry trailers, established under the GAP brand name, are designed for the safe and rapid transportation of raw or treated timber.

- The complete manipulation of raw wood materials is enabled in combination with the built-in Tajfun DOT hydraulic crane.
- They are intended for daily use by professionals, as well as for personal use by individuals.
- The Tajfun forestry trailers are supplied in combination with the built-in Tajfun DOT hydraulic crane.



Extension of the loading compartment (standard equipment).



Tires with valve protection and tubes.



Hydraulic pull-out extension of the loading compartment (option)



Forestry trailer coupling:

- Coupling Ø 40 mm (standard equipment),
- Swivel coupling Ø 50 mm,
- Ball coupling K 80.

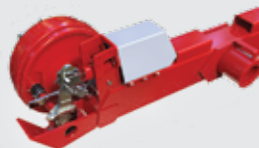


Operator platform allows a safe and good view of the forestry hydraulic crane while loading the forestry trailer.





GAP has 5 pairs of arms that prevent the load from falling. The total height of arms 46.6 ft. Robust arms diameter external ~ 2.9, internal 2.4 and thickness 0.3 ft.



Hydraulic brakes 4x (standard equipment). Air brakes on 4 wheels (4x) (option).



Hydraulic steering with two hydraulic cylinders. The drawbar angle is +/-40°.



The forestry trailer has signalling lights as standard equipment. They can be protected and stored within the extension of the loading area.

# Forestry trailer GAP 110

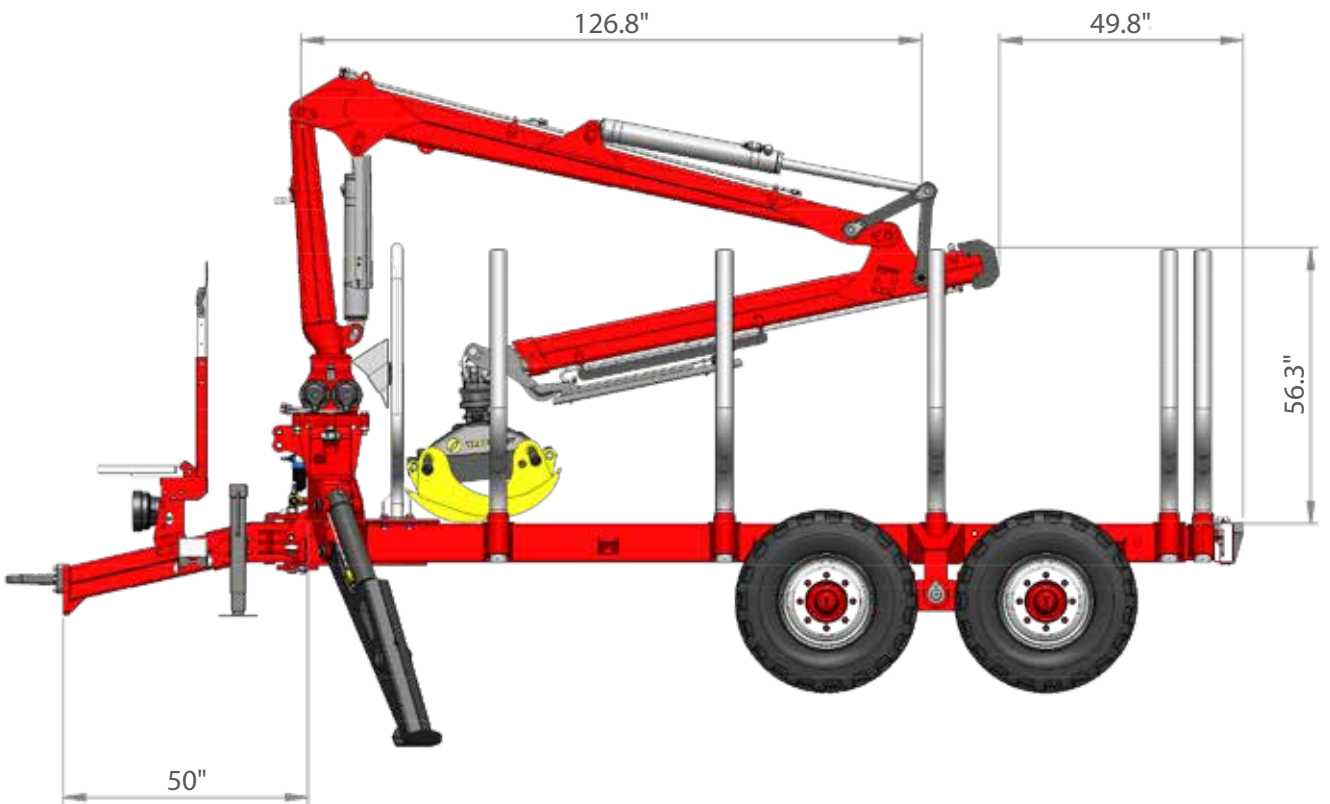
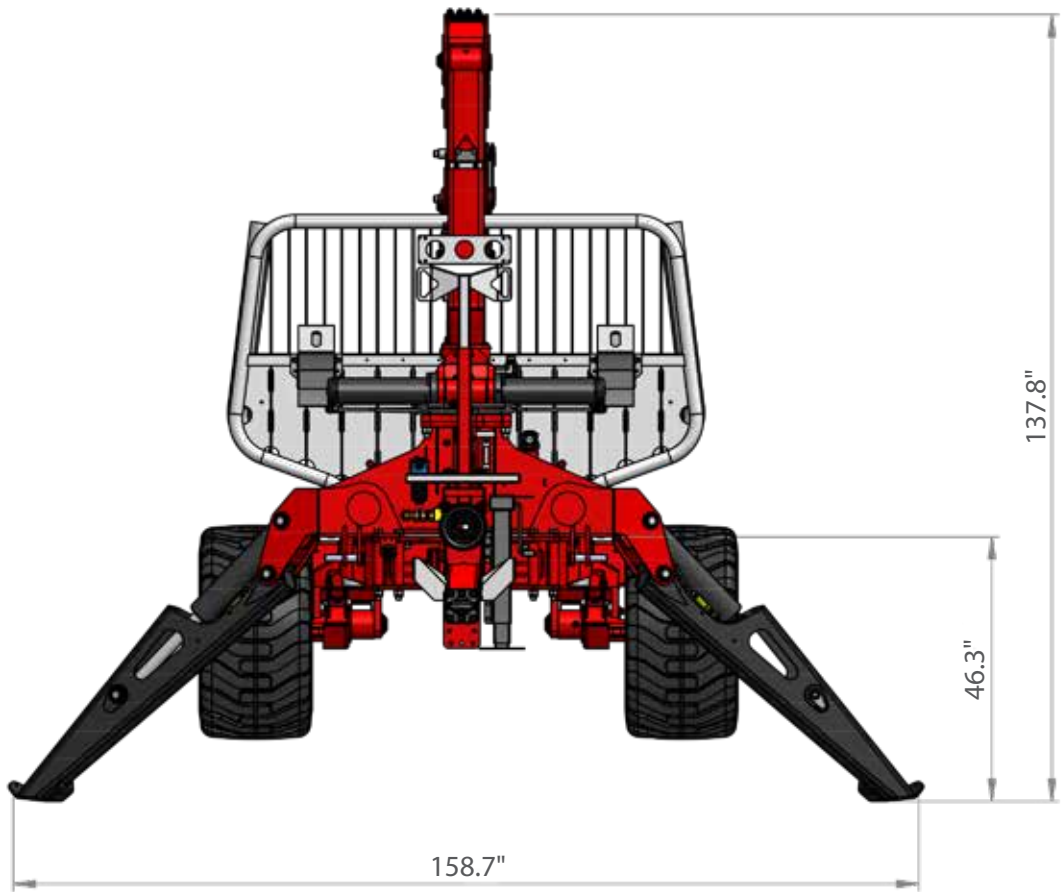
The GAP 110 forestry trailer is sold only in combination with the Tajfun DOT crane.



## GAP 110

Gross weight	24251 lbs
Load Capacity (without crane)	~19048 lbs
Own weight	~5203 lbs
Tires	400/60-15.5/14PR
Base frame / Chassis	.65 x .32 x .02 ft
Arms	5 pairs
Total height of arms	4.66 ft
Arm diameter external / internal / thickness	~.29/.24/.03 ft
Load area	24.7 ft <sup>2</sup>
Length of loading area; Standard loading area extension	~13.93-16.39 ft
Height of coupling (from the ground)	Lower drawbar: ~18/22 ft
	Upper drawbar: ~33/38 ft
Length x width; Standard loading area extension (With standard tires)	~20.99-23.46 x 7.14 ft
Hydraulic brakes	4x (standard equipment)
Hydraulic steering	Hydraulic guiding 2x cylinder
Drawbar angle	+/-40°
Working pressure	max. 3046 psi
Drive requirements	80 HP / 3.5 T





# Forestry trailer GAP 140

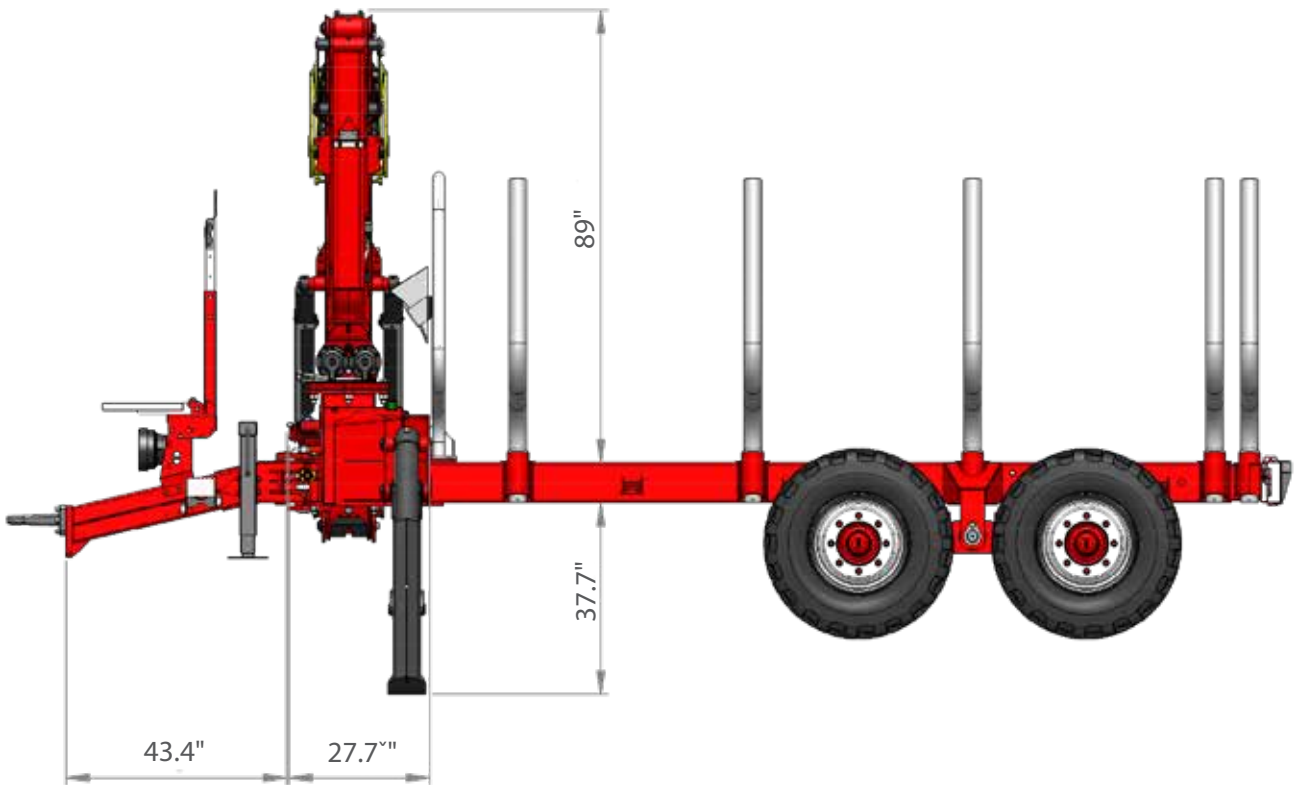
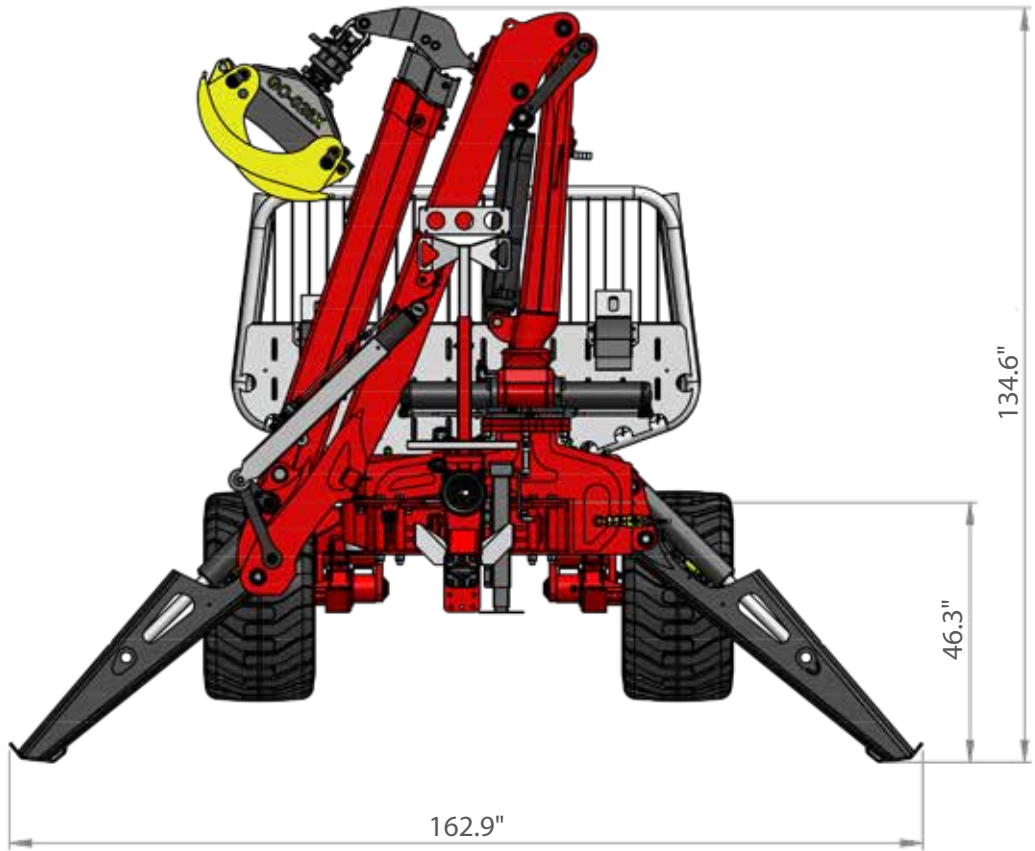
The GAP 140 forestry trailer is sold only in combination with the Tajfun DOT crane.



## GAP 140

Gross weight	30864 lbs
Load Capacity (without crane)	~25331 lbs
Own weight	~5533 lbs
Tires	500/50-17/14PR
Base frame / Chassis	.65 x .32 x .002 ft
Arms	5 pairs
Total height of arms	4.65 ft
Arm diameter external / internal / thickness	~.29/.24/.03 ft
Load area	26.9 ft <sup>2</sup>
Length of loading area; Standard loading area extension	~13.93 - 16.39 ft
Ground clearance at the steering joint	1.48 - 1.84 ft
Length x width; Standard loading area extension (With standard tires)	~20.99 - 23.46 x 7.79 ft
Hydraulic brakes	4x (standard equipment)
Hydraulic steering	Hydraulic guiding 2x cylinder
Drawbar angle	+/-40°
Working pressure	max. 3046 psi
Drive requirements	100 HP/4 T







TajGO FORESTRY INFORMATION SYSTEM



# TAJFUN






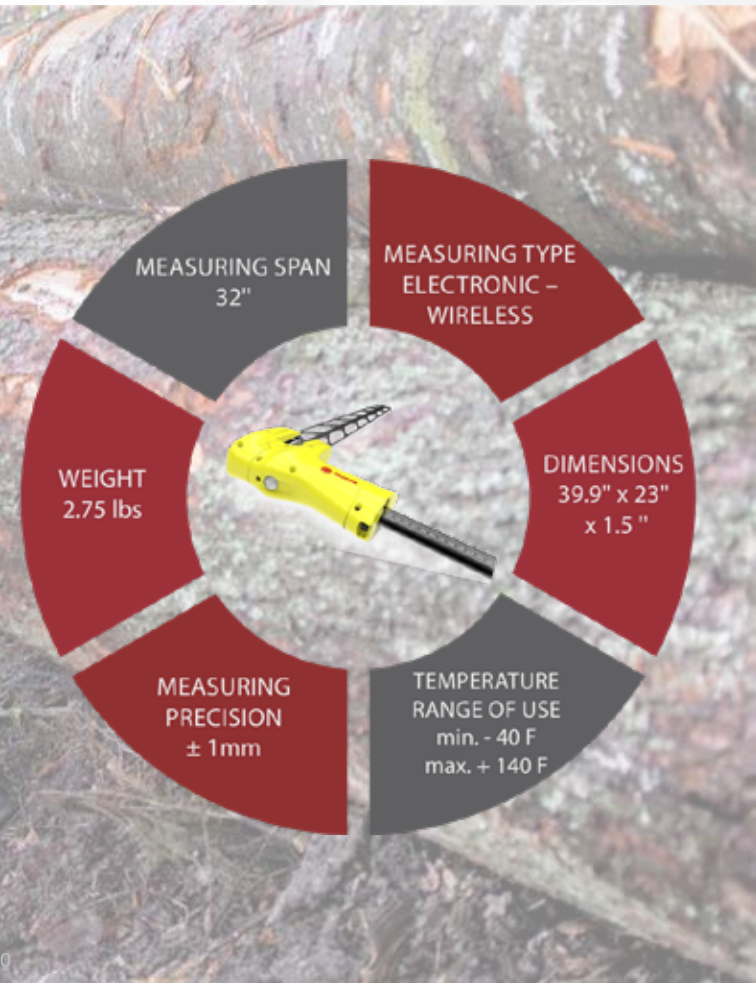


# Electronic Digital Caliper Tajfun BOB 800

Electronic digital caliper is designed for professional use in forestry and wood industry. It is used for measuring forest wood assortments (trees, logs and boards). When purchasing a caliper you also receive a license for software Tajfun MX BOB basic.

## Main features of caliper Tajfun BOB 800:

- integrated wireless technology;  Bluetooth
- high mechanical resistance standard: NEMA-4;
- high mechanical protection IP67 that enables measuring in different weather conditions (sun, snow, rain);
- lightweight, durable and ergonomic design is easy to use and enables easier maneuvering on tight measurement points;
- easy-to-use and high performance software for data processing (no computing skills needed);
- digital and mechanical display of diameter value;
- enables extremely fast measuring;
- direct transformation of measured data into a digital form which makes it an excellent supplement to forestry machinery.





# Software Tajfun MX BOB

A modern and innovative software for Android mobile devices (phones, PDAs, tablet computers, ...) that together with the forest caliper enables reading, recording, editing, and printing of acquired data from measuring the forest wood assortments (trees, logs and boards). It is designed for individual forest owners, owners of small sawmills and professional users – foresters and wood-handling professionals. Software Tajfun MX BOB communicates wireless with other devices that are necessary for smooth work in a forest (electronic caliper Tajfun BOB 800, portable printers, ...).



Software Tajfun MX BOB	Article number	Description
Functions	236610	Tajfun MX BOB basic + Digital Caliper Tajfun BOB 800
Log measurements <i>(diameter, length, quality, bark, ID, tree species)</i>		✓
Boards measurements <i>(length, width, height, quality, quantity, ID, tree species)</i>		✓
Standing trees measurements <i>(diameter, height, quality, ID, tree species)</i>		✓
Mixed wood material measurements – wood chips, pellets, sticks, logs, boards <i>(volume, weight input, quality, tree species)</i>		✓
Data export into PDF or Excel files		✓
Input of basic information into the document <i>(customer, seller, transporter, ...)</i>		✓



Description	Case for Digital Caliper Tajfun BOB 800	Phone Holder CAT S40	Printer V-Line 112 b
Article number	512326	245108	511681







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Tajfun Planina d.o.o., valid from November 17<sup>th</sup>, 2020, we reserve the right to make any changes!

