



# STANDARD MACHINE TOOLS

Est.1982



## Drilling Machine Catalogue

# MILLING AND DRILLING MACHINES

## BELT DRIVE AND GEARBOX HEAD

### QUICK SPEC:

- R8 SPINDLE TAPER
- 2HP STEP PULLEY HEAD
- 3HP VARIABLE SPEED HEAD
- 1270x254MM TABLE

### DM-SERIES MILL + DRILL

INDUSTRIAL GRADE MILLING AND DRILLING MACHINES  
 - 30 - 50MM DRILLING CAPACITY  
 - ROUND PILLAR AND CAST IRON COLUMN TYPE



#### DM-30

**BELT DRIVE MILL-DRILL**  
 - STEP SPEED HEAD  
 - 1.5KW SPINDLE MOTOR  
 - 220 or 380 VOLT

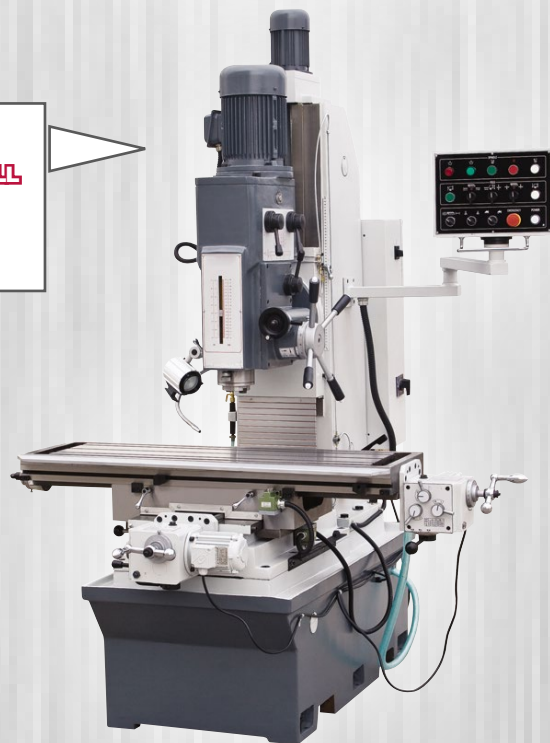
#### DM-45

**COLUMN TYPE GEARHEAD MILL-DRILL**  
 - RIDGED COLUMN  
 - MT4 SPINDLE TAPER  
 - 0.75KW SPINDLE MOTOR



#### DM-50H

**COLUMN TYPE GEARHEAD MILL-DRILL**  
 - ISO40 SPINDLE TAPER  
 - 2.4KW SPINDLE MOTOR  
 - 360x1220MM TABLE  
 - AUTO QUILL FEEDS 0.1-0.3MM/REV



### OPTIONAL:



OPTIONAL:  
MACHINE STAND FOR  
30+45 MODELS



OPTIONAL:  
COOLANT SYSTEM  
FOR 30+45 MODELS



OPTIONAL:  
X-AXIS FEED FOR  
30+45 MODELS

## STANDARD MILLING + DRILLING

### STANDARD MILLING AND DRILLING MACHINES

MODEL		DM-30	DM-45	DM-50H
TYPE		BELT DRIVE HEAD	GEAR HEAD COLUMN TYPE	
TABLE SIZE	MM	210x730	210x730 (240x820)	360x1220
TRAVELS (X,Y,Z)	MM	500x175x315	550x200x410	600x360x500
DRILL CAPACITY	MM	30	45	50
QUILL TRAVEL	MM	130	120	190
SPINDLE TAPER	MM	MT3	MT4	ISO40
SPINDLE TO COLUMN	MM	202	260	350
SPINDLE TO TABLE	MM	450	475	120-620
SPINDLE SPEEDS	RPM	100-2150	95-1600	94-2256
MOTOR	WATT	1500	750	2400
WEIGHT	KG	285	300	1750

MILL DRILLS FOR EVERY WORKSHOP.

**QUICK SPEC:**

- 2-3MT SPINDLE TAPER
- 1-2HP STEP PULLEY HEAD
- ROUND AND SQUARE TABLES
- 220 OR 380VOLT

# INDUSTRIAL GRADE BELT DRIVE DRILLS 3-PULLEY DESIGN

## DB-SERIES BELT DRIVE DRILLS

- INDUSTRIAL GRADE BELT DRIVE DRILLS
- 16 - 32MM DRILLING CAPACITY
  - 220 + 380VOLT INDUSTRIAL MOTORS AND ELECTRICS
  - SPINDLE AND MOTOR PULLEY WITH 3RD FLOATING PULLEY FOR INCREASED DRILLING TORQUE.



**OPTIONAL:  
COOLANT SYSTEM**

### DB-16

#### INDUSTRIAL GRADE 16MM BELT DRIVE DRILL

- MT2 SPINDLE TAPER
- STEP SPEED HEAD
- 1HP SPINDLE MOTOR
- ROUND TABLE
- 220 or 380 VOLT

### DB-32

#### INDUSTRIAL GRADE 32MM BELT DRIVE DRILL

- MT3 SPINDLES
- 2HP SPINDLE MOTORS
- LARGE SQUARE TABLE
- 220 or 380 VOLT

## STANDARD BELT DRIVE DRILLS

STANDARD INDUSTRIAL GRADE BELT DRIVE DRILLS			
MODEL		DB-16	DB-32
DRILL CAPACITY	MM	16	32
SPINDLE TAPER		MT2	MT3
SPINDLE SPEEDS (NO OF SPEEDS)	RPM	105-2900 (8)	120-3480 (8)
SPINDLE TO COLUMN	MM	190	375
SPINDLE TO TABLE	MM	750	615
SPINDLE TO BASE	MM	1025	1095
QUILL TRAVEL	MM	120	120
TABLE SIZE	MM	280DIA.	425x475
MOTOR	KW	0.9KW	1.5
WEIGHT	KG	110	200

INDUSTRIAL BELT DRIVE PEDESTAL DRILLING MACHINES.



# GEAR HEAD PEDISTAL DRILLS

## 25 - 35MM DRILLING CAPACITY

### QUICK SPEC:

- 25-50MM DRILL CAPACITY
- 3-5MT SPINDLE TAPER
- GEARBOX HEADS
- RELIABLE DRILLING MACHINES

### DG-SERIES GEARBOX HEAD DRILLS

- DESIGNED FOR EVERYDAY INDUSTRIAL DRILLING APPLICATIONS
- 25 - 50MM DRILLING CAPACITY
  - INDUSTRIAL GRADE ELECTRICS
  - PRECISION GEARS AND BEARINGS



Student Model Available  
Designed For Student training.



### DG-25

#### GEARBOX TYPE DRILL

- MT3 SPINDLE
- GEARBOX HEAD
- 105-2900RPM SPINDLE
- 0.9KW SPINDLE MOTOR



### DG-35

#### FULL FUNCTION GEAR HEAD DRILL

- MT4 SPINDLE
- 1.5KW SPINDLE MOTORS
- RIDGED TAPING
- ELECTRIC CLUTCH
- QUILL FEED
- LIGHT
- CE ELECTRICS
- ROTATING TABLE



### DG-50

#### FULL FUNCTION GEAR HEAD DRILL

- FIXED GEARBOX HEAD
- 3KW MOTOR
- MT4 SPINDLE TAPER
- 54-2090RPM SPINDLE SPEEDS
- RIDGED TAPING
- ELECTRIC CLUTCH
- QUILL FEED
- LIGHT
- CE ELECTRICS
- ROTATING TABLE

## STANDARD GEARBOX HEAD DRILLS

### PROVEN QUALITY GEAR HEAD DRILLING MACHINES

MODEL		DG-25	DG-35	DG-50
TYPE		PEDISTAL TYPE		
DRILL CAPACITY	MM	25	35	50
SPINDLE TAPER	MT	MT3	MT4	MT4
SPINDLE SPEEDS (NO OF SPEEDS)	RPM	105-2900 (8)	104-1450	54-2090
SPINDLE TO COLUMN	MM	255	350	375
SPINDLE TO TABLE	MM	820	770	800
SPINDLE TO BASE	MM	1235	1320	1300
QUILL TRAVEL	MM	120	180	230
TABLE SIZE	MM	500X350	560X385	600X600
FEEDS	MM/Rev	N/A	0.1, 0.2	0.05-0.3
MOTOR	KW	0.9KW	1.5	3
DIMENSIONS (LxWxH)	MM	1670x570x720	730x560x2220	610x1016x2454
WEIGHT	KG	200	565	830

### PROVEN QUALITY GEARBOX TYPE PEDESTAL DRILLING MACHINES.

## QUICK SPEC:

- 50 - 80MM DRILL CAPACITY
- 5-6MT SPINDLE TAPER
- HEAVY DUTY GEARBOX HEAD
- BIG DRILL FOR BIG JOBS

# HEAVY DUTY GEAR HEAD COLUMN DRILLS

## 50-80MM DRILLING CAPACITY

### DC-SERIES HEAVY DUTY GEAR HEAD DRILLS

DESIGNED FOR HEAVY DRILLING APPLICATIONS

- 50-80MM DRILLING CAPACITY
- EXTRA RIDGED BOX COLUMN DESIGN
- DESIGNED FOR HEAVY AND HARD DRILLING JOBS



#### DC-50

##### HEAVY DUTY COLUMN TYPE DRILL

- TRAVELING HEAD + TABLE
- RIDGED BOX COLUMN
- MT5 SPINDLE TAPER
- 3KW MOTOR



#### DC-80

##### HEAVY DUTY COLUMN TYPE DRILL

- TRAVELING HEAD + TABLE
- RIDGED BOX COLUMN
- MT5 SPINDLE TAPER
- 3KW MOTOR

## STANDARD COLUMN TYPE DRILLS

HEAVY DUTY COLUMN TYPE GEAR HEAD DRILLING MACHINES				
MODEL		DC-50	DC-63	DC-80
TYPE		COLUMN TYPE		
DRILL CAPACITY	MM	50	63	80
SPINDLE TAPER	MT	MT5	MT5	MT6
SPINDLE SPEEDS	RPM	31-1400	40-570 (9)	
HEAD TRAVEL	MM	200	260	260
SPINDLE TO COLUMN	MM	350	375	
SPINDLE TO TABLE	MM	750	870	810
QUILL TRAVEL	MM	250		
TABLE SIZE	MM	560X480	660X555	
SPINDLE FEEDS	MM/Rev	0.056-1.8 (9)	0.1-0.78 (6)	
MOTOR	KW	4	5.5	
DIMENSIONS (LxWxH)	MM	750x1150x2530	900x1300x2850	
WEIGHT	KG	1250	2500	

HEAVY DUTY COLUMN DRILLING MACHINES, 50-80MM DRILLING CAPACITY

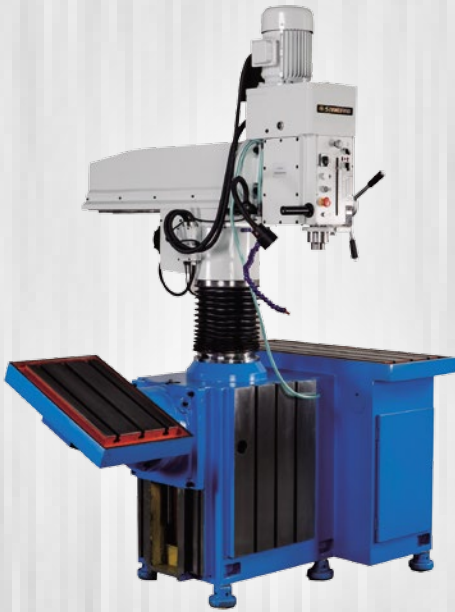
# RADIAL DRILLS

## 32 - 50MM DRILL CAPACITY

## 1000 - 1600MM ARM

### QUICK SPEC:

- MT4-5 SPINDLE TAPER
- GEARBOX OR INVERTER HEAD
- 2.2 - 4KW MOTOR
- BOX TABLE



### RT-SERIES T-TYPE RADIAL DRILL

- DESIGNED FOR FAST DRILLING OF IRREGULAR SHAPED WORK
- 40MM DRILLING CAPACITY
  - VARIABLE DRILLING SPEED
  - 3X DIFFERENT WORK MOUNTINGS

### RT40/16

- T-TYPE RADIAL DRILL**
- 40MM DRILL CAPACITY
  - 600MM ARM
  - 3x DRILLING TABLES
    - HORIZONTAL
    - VERTICAL
    - TILTING TABLE

### RD-SERIES RADIAL DRILL

- DESIGNED FOR EVERYDAY DRILLING APPLICATIONS
- 32 - 50MM DRILLING CAPACITY
  - 1000 - 1600MM ARM LENGTH

### RD50/16

- HEAVY DUTY RADIAL DRILL**
- 50MM DRILL CAPACITY
  - 1600MM ARM
  - GEARBOX HEAD
  - 4KW MOTOR
  - MT5 SPINDLE TAPER
  - BOX TABLE



## STANDARD HEAVY DUTY RADIAL DRILLS

### STANDARD INDUSTRIAL GRADE RADIAL DRILLS

DRILL TYPE		T-DRILL	RADIAL ARM DRILL		
MODEL		RT40/5	RD32/10	RD40/13	RD50/16
TABLE SIZE	MM	505x1200	400x500	450x600	500x630
QUILL TRAVEL	MM	240	280	280	315
DRILLING CAPACITY	MM	40	32	40	50
SPINDLE TO COLUMN	MM	50-640	300-1000	300-1300	350-1600
SPINDLE TO BASE	MM	MAX 790	250-1000	300-1120	320-1220
SPINDLE TAPER	MT	MT4	MT4	MT4	MT5
SPINDLE SPEEDS	RPM	50-2000 (ELECTRICALLY VARIABLE)	32-2500	32-2500	25-2000
NO. SPINDLE SPEEDS	STEP	2	16	16	16
SPINDLE FEEDS	MM/REV	0.8-0.50	0.10-1.25	0.10-1.25	0.04-3.20
NO. SPINDLE FEEDS	STEP	6	8	8	16
HEAD TRAVEL	MM	590	700	1000	1250
SPINDLE MOTOR	KW	2.2	2.2	3	4
WEIGHT	KG	2800	1600	2500	3500
DIMENSIONS(LxWxH)	MM	1910x1200x2300	1760x800x2300	2100x900x2490	2500x1070x2600

INDUSTRIAL RADIAL DRILLS.

## QUICK SPEC:

- MT6 SPINDLE TAPER
- 63 / 100MM DRILL CAPACITY
- GEARBOX OR INVERTER HEAD
- 5.5 - 15KW MOTOR
- BOX TABLE

# HEAVY DUTY RADIAL DRILLS

62 - 100MM DRILL CAPACITY  
1600 - 4000MM ARM

## RDH-HEAVY DUTY RADIAL DRILLING MACHINES

DESIGNED FOR EVERYDAY DRILLING APPLICATIONS

- 62 - 100MM DRILLING CAPACITY
- 1600 - 4000MM ARM LENGTH



### RDH80/25

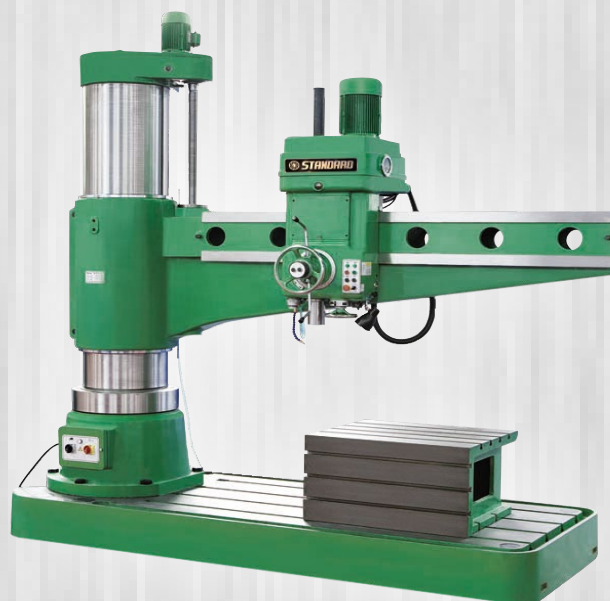
#### HEAVY DUTY RADIAL DRILL

- 80MM DRILL CAPACITY
- 2500MM ARM
- INVERTER TYPE SPINDLE SPEEDS
- MT6 SPINDLE TAPER
- 7.5 KW MOTOR

### RDH80/25

#### HEAVY DUTY RADIAL DRILL

- 80MM DRILL CAPACITY
- 2500MM ARM
- GEARBOX TYPE SPINDLE SPEEDS
- MT6 SPINDLE TAPER
- 7.5 KW MOTOR



## STANDARD HEAVY DUTY RADIAL DRILLS

### HEAVY INDUSTRIAL GRADE RADIAL DRILLS

DRILL TYPE		HEAVY DUTY RADIAL DRILLS			
MODEL		RDH62/16	RDH63/20	RDH80/25	RDH100/31 RDH100/40
TABLE SIZE	MM	500x630	800x630x500	1000x800x560	800x630x500
SPINDLE TRAVEL	MM	315	400	450	500
DRILLING CAPACITY	MM	62	63	80	100
SPINDLE TO COLUMN	MM	350-1600	450-2000	500-2500	560-3150 / 560-4000
SPINDLE TO BASE	MM	350-1250	400-1600	550-2000	400-1600
SPINDLE TAPER	MT	MT5	MT5	MT6	MT6
SPINDLE SPEEDS	RPM	25-2000 (ELECTRICALLY VARIABLE)	20-1600	16-1250	8-1000
NO.SPINDLE SPEEDS	STEP	2	16	16	22
SPINDLE FEEDS	MM/REV	0.04-3.20	0.04-3.20	0.04-3.20	0.06-3.20
NO.SPINDLE FEEDS	STEP	16	16	16	16
HEAD TRAVEL	MM	1250	1600	2000	2590 / 3400
SPINDLE MOTOR	KW	4	5.5	7.5	15
WEIGHT	KG	3500	7000	11 000	21 000
DIMENSIONS(L×W×H)	MM	2500x1070x2600	3080x1250x3400	3730x1400x4025	3080x1250x3400

HEAVY DUTY RADIAL DRILLS.





# STANDARD MACHINE TOOLS

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