

Radial Type Drilling Machine :



CAPACITY:	
Drilling Capacity	25 mm
Column Diameter	127 mm
Spindle Nose	MT-3
Spindle Travel	200 mm
No. of Spindle Speed	8
Spindle Speed (RPM)	110-2880
Diameter of Ram	72 mm
WORKING RANGE:	
Max. Drilling Radius	910
Dist. from Spindle to base (Max/Min)	810/130
Dist. from Column to Spindle	620/350
ELECTRICAL:	
Drilling Head Motor (1440 RPM)	1 H.P
Lifting arm Motor (1440 RPM)	0.5 H.P
V-BELT Section	B-40 & B-23
OTHER:	
Machine Measurement	1020 x 810 x 1830 mm
Size of box TABLE	250 x 205 x 205 mm
Approx Weight (Kg.)	425

All Parts Finished on Imported V-belt driven Radial Drill Machines

Closed grain Cast Iron Column, Arm, Work Head & Gears

EN Forged Steel Main Spindle & Pinion

Alloy Steel Spindle Ram

Parts Finished on Imported Grinding M/c. All Moving Parts Finished to Close Tolerance.

Parts properly balanced prior assembly. Main Gear & Pulley

CAPACITY	
Drilling Capacity	38mm
Coloumn Diameter	170mm
Spindle Nose	MT-4
Dist. From Spindle to Pillar Surface	620mm
Spindle Travel	250mm
No. Of Spindle Speed	8
Coloumn Diameter	127mm
Spindle Speed (RPM)	110-2125
Base To Spindle Nose	810mm
Drilling Motor	1 & 0.5 H.P.
Diameter of Ram	78 mm
WORKING RANGE	
Dist. From Spindle to base (Max/Min)	950/240
Dist. From Colum to Spindle	825/385
Max. Drilling Radius	910
ELECTRIC	
Drilling Head Motor (1440RPM)	1.5
Lifting of arm Motor (1440 RPM)	0.5 H.P
V-BELT Section	B-47& B-24
OTHER	
Machine Measurement	1280x930x1855
Size of box TABLE	300x300x385

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Radial Drilling Machine

V-belt driven Radial Drill Machine	
Drilling in M.S.	40
Drilling in C.I.	45
Tapping in M.S.	20
Boring in M.S.	75
Spindle Hole Taper	MT- 4
Spindle Travel	250
Spindle Speeds (RPM x Steps)	88-2600x 8
Diameter of RAM	78
Spindle Auto feed Ranges	0.05 & 0.09
Max/Min. Dist. Spindle nose to base	850/250
Max/Min. Dist. Spindle Center to column	920/385
Max. Drilling Radius	1005
Machine Measurement (LXBXH)	1350x850x1825
Diameter of Column	170
Work Table	300x300x385
Drill-head Motor	1.5HP/1440RPM
Elevating Motor	0.5HP/1440RPM
Head Motor V-belt	B-47
Lifting Motor V-belt	B-25/ B-26

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Particulars / Models	Z3050 x 16	Z3063 x 20	Z3080 x 25	Z30100 x 31	Z30132 x 42
Max Drilling Capacity (Dia.)	50mm	63mm	80mm	100mm	132mm
Distance Between Spindle Axis and Column (Max / Min)	1600 / 350mm	2000 / 450mm	2530 / 530mm	3150 / 570mm	4200 / 600mm
Distance Between Spindle End & Working Surface of Base Plate (Max. / Min)	1270 / 370mm	1650 / 450mm	2050 / 600mm	2500 / 750mm	2560 / 750mm
Spindle Travel	315mm	400mm	450mm	500mm	560mm
Taper in Spindle	MT-5	MT-5	MT-6	MT-6	1:20(80)
Range of Spindle Speed	25-2000rpm	20-1600rpm	16-1250rpm	8-1000rpm	6.3-800rpm
Number of Spindle Speeds	16	16	16	22	22
Range of Spindle Feeds	0.04-3.20mm/r	0.04-3.20mm/r	0.04-3.20mm/r	0.06-3.20mm/r	0.06-3.20mm/r
Number of Spindle Feeds	16	16	16	16	16
Table Size	500x630mm	630x800mm	750x1000mm	800x1250mm	850x1350mm
Travel of Spindle Head	1250mm	1550mm	2000mm	2580mm	3600mm
Power of Main Drive Motor	4.0kw	5.5kw	7.5kw	15.0kw	18.5kw
Weight	3500 kg	7300 kg	10500	20000	29000 kg

Special Features	Standard Accessories :
Main parts & key parts are made by high strength cast and special steel material.	Work Table
Heat treatment made by first-class equipment, ensuring durability.	Machine Lamp
	Coolant System
Machining is made by means of specialization equipment, to ensure basic parts with superior quality .	Foundation bolts, Washer & nuts (6 pcs.)
	Instruction Manual
Clamping for assemblies and speed-change of spindle are achieved by hydraulic power and is sensitive and reliable.	500303 T-Slots Bolts (6 Nos.)
	Washers
Multiple spindle speed and feeds provide economic and high efficiency machining.	
Mechanical and electrical controls are centralized in the headstock, with convenient and rapid operation.	