



SER-50/1350 (50mm Cap. All Geared Radial Drilling Machine)

The Company:

SIDDHAPURA ENGINEERING WORKS, it's a venture of SIDDHAPURA GROUP, It has come in to existence for last 35 years. With a vast experience of 35 years in the field of machine tools engineering & manufacture of Pillar & Radial drilling machines. It's main assets is rigid quality inspection methods combined with skilled workmanship led by a team of technically qualified and experienced personnel and dedicated personal attention.

SIDDHAPURA ENGINEERING WORKS aims at creation of wide industry platform in manufacture of drilling machine in wide ranges in mutual benefit between supplier and buyers besides maintaining services, help and close links.

Some Important Feature:

- Made of high quality fine cast iron with heavy ribbing to ensure extremely low vibration.
- Base plate is having large surface area within built coolant tank.
- Double column facility for smooth movement of 'ARM' and guided by key way.
- ARM is featured with auto stop limit switch to prevent causes.
- Gears, which made from 20MnCr5 and complete with Hardening and profile grinding processes, run in oil bath chamber and its having separate oil pump.
- RAM return facility is providing with counter weight system which is life time maintenance free.
- Smooth running of elevator gear box in separate oil bath chamber.
- Conveniently grouped for ease of operation and max. Efficiency.
- Ergonomically ground controls for ease of operation.

CAPACITY	
Drilling (M.S.)	50mm
Drilling (C.I.)	60mm
Tapping (M.S.)	35mm
Tapping (C.I.)	40mm
Boring (M.S.)	90mm
Boring (C.I.)	100mm
DRILLING HEAD	
Spindle Tapper	MT-5
Spindle Diameter	85mm
Spindle Travel	300mm
No. Of Spindle Speed	8
Range Of Spindle Speed	30 to 1300 RPM
Spindle Speeds	30, 60, 90, 180, 250, 500, 650, 1300
No. Of Spindle Feed	6
Range Of Spindle Feeds	0.06, 0.10, 0.14, 0.16, 0.22, 0.30mm/rev.
Electrical:	
Power Supply	3PH, 415V, 50 HZ.
Drilling Power	3PH
Arm Elevating Motor Power	1.5HP
Coolant Pump Motor Power	0.15HP
Working Range:	
Column Dia.	255
Drilling Radius Max./Min.	1325/445
Distance from column to spindle to spindle Max/Min	1200/320
Distance from base to spindle Max./ Min.	1210/400
Max. Drilling Head Travel.	880mm
Vertical Traveling Of Arm	800mm
Base Plate Working Area (LxW)	1220 x 770mm
Box Table Area (LxWxH)	600 x 500 x 500mm
Dimensions	
Base plate (LxWxH)	1750 x 950 x 220
No. of T-Slot	4
Over All Dimensions (LxWxH)	1800x 1000x2450
Approximate weight	2500 KG



Standard Accessories:

1. Complete Electrical with 3hp for spindle drive & 1.5hp for elevator
2. With wiring & Panel board, Oil can, Drill drift key.

EXTRA ACCESSORIES:

1 BOX TABLE AND COOLANT PUMP