



## 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 assents 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 Harding 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.

<b>CAPACITY</b>	
Drilling (M.S.)	50mm
Drilling (C.I.)	60mm
Tapping (M.S.)	35mm
Tapping (C.I.)	40mm
Boring (M.S.)	90mm
Boring (C.I.)	100mm
<b>DRILLING HEAD</b>	
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.
<b>Electrical:</b>	
Power Supply	3PH, 415V, 50 HZ.
Drilling Power	3PH
Arm Elevating Motor Power	1.5HP
Coolant Pump Motor Power	0.15HP
<b>Working Range:</b>	
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
<b>Dimensions</b>	
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