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## SIC-45/1250 DC (45mm Cap. All Geared Radial Drilling Machine)

### The Company:

**SYNDICATE INDUSTRIAL CORPORATION**, a new born out venture of SIDDHAPURA GROUP, It has come in to existence for last 7 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.

**SYNDICATE INDUSTRIAL CORPORATION** 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 features:

1. Specially designed heavy duty hardens & grounded drilling head.
2. Precision anti friction bearing for all rotating members.
3. Auto as well as manual feeds.
4. Speed range to suit various operations.
5. Coolant Pump with built in coolant tank in base plate only.
6. Complete with electrical ready to instant use.
7. Minimum maintenance.

- **Base:** Heavy Duty Cast Iron with maximum working space provided with standard T-Slot, leveling and foundation bolt holes and built in coolant tank.
- **Spindle:** Forged alloy steel spindle finish ground to close tolerances and mounted on heavy duty anti friction bearing to withstand heavy radial as well as thrust loads.
- **Gear:** Heavy Duty, Precision machined from forged with grinding nrc205 gear material and suitably heat treated for maximum wear.
- **Control:** Conveniently grouped for ease of operation and maximum efficiency.
- **Finish:** Machine is finished with long lasting wear resistant paint. All bright components are suitably treated for protection against oxidization.
- **Electrical:** Built in quality electrical are easily accessible for operation and maintenance.

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DESCRIPTION	CAPACITY & SIZE
Drilling Capacity in MS	47 mm
Drilling Capacity in CI	55 mm
Tapping in MS	30 mm
Rough Boring in MS	100 mm
Rough Boring in CI	120 mm
Spindle Nose Tapper	MT-4
Spindle Travel	255 mm
Number of Spindle Speed	12
Range of Spindle Speed	60 TO 1800 RPM
Number of Power Feed	6
Range of Power Feed	0.1-0.6 mm/REV
Distance from Column to Spindle (Max./Min.).	1120 / 275mm
Distance from spindle base Max. / Min.	1120/420mm
Diameter of Column	Ø 225 mm
Vertical Power Movement of Arm	700mm
Horizontal Movement of Drilling Head	750mm
Box Table (LXWXH)	510 X 380 X 355 mm
Base Plate Area	1600 X 975 X 160 mm
Working Surface	1120 X 750 mm
Number & Size of T-Slot	4
Drilling Motor (TWO SPEED)	1.5 / 960 HP/ RPM 3.0 / 1400 HP / RPM
Elevation Motor for ARM	1.0 / 1400 HP / RPM
Coolant Pump Motor	0.15 HPs
Shipping Size Approx. (L X W X H)	1750 X 1000 x 2000



### Standard Equipments:

Electricals Complete, Drill Drift, Leveling Bolt & Pad,

Coolant Pump with fittings, Oil can and Manual Book.

### Optional equipments:

Box Table 'T' Slotted, Drill chuck & Arbor, Drill vice, Drill Sleeve.

