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## SIC-40/1000 DC (40mm 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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Machine Tools Manufacturers

DESCRIPTION	CAPACITY & SIZE
Drilling Capacity in MS	40mm
Drilling Capacity in CI	45mm
Tapping in MS	25mm
Rough Boring in MS	60mm
Spindle Nose Tapper	MT-4
Spindle Travel	175mm
Number of Spindle Speed	8
Range of Spindle Speed	90 TO 1000 RPM
Number of Power Feed	2
Range of Power Feed	0.20-0.10mm
Drilling Radius Max./Min	1115-550mm
Distance from Column to Spindle Max./Min.	1020-400mm
Distance from spindle base Max. / Min.	1180-430 mm
Diameter of Column	210mm
Vertical Power Movement of Arm	750mm
Horizontal Movement of Drilling Head	630mm
Box Table (LXWXH)	510 X 380 X 355
Base Plate Area (LXWXH)	1625 X 850 X 190
Working Surface	1020 X 650
Number & Size Of T-Slot	3/16mm
Drilling Motor (TWO SPEED)	1.5 / 1400 KW/ RPM 1.5 / 2800 KW / RPM
Elevation Motor For ARM	0.75 / 1400 KW / RPM
Shipping Size Approx L X W X H	1750 X 1000 x 2000



### Standard Equipments:

Electricals Complete, Drill Drift, Leveling Bolt & Pad,

Oil can, Manual Book.

### Optional equipments:

Box Table 'T' Slotted, Coolant Pump with fittings,

Drill chuck & Arbor, Drill vice, Drill Sleeve.