



R-40 RADIAL DRILL MACHINE



Features

- ▶ Main Spindle and pinion are made from EB 8-D steel by forging for robust structural strength.
- ▶ Column, arm, work-head & gears made from fitness closed grain cast iron; while spindle Ram is made out of Alloy steel.
- ▶ Main spindle run out is checked for accuracy as per IS 2199, prescribed standards.
- ▶ For the smooth sliding movement of sliding arm over the main body, special 'slide-reliever-slots' are given to rule-out friction and indentation.
- ▶ All moving parts are fine-finished with grinding to a close tolerance, heightening the overall m/c performance.
- ▶ International technic of 'Taper wedge setting'. This gives you complete slide-setting instead of normal one point setting.
- ▶ Quality bearings with grease bath, so the day-today oiling is not required.
- ▶ Main gear and pulley are perfectly balanced, prior to assembly.
- ▶ All gears are made from SGI casting.
- ▶ Powder coated accessories for better functioning, longer life and to prevent corrosion and pillage associated with usual chrome plated accessories.
- ▶ Machine 'T' slots on working table for precision holding of the jobs.

Technical Specification

Specification	Radial Drill Machine R - 40
Drilling capacity	40 mm
Pillar Diameter	170 mm
Spindle nose to table distance	705 mm
Distance from spindle nose to base distance	995 mm
Distance from spindle center to pillar surface	790 mm (MAX)
Taper in spindle	MT - 4
Number of speed	8 Speed
Range of Speed (RPM)	70 to 2000
Work Table Size (in mm)	290 x 290 x 375
Base size (Machined Area mm)	735 x 1240 mm
Overall Base Size (in mm)	745 x 1260 mm
Spindle Travel	215 mm
Pillar Length	1490 mm
Overall height with pulley guard	1960 mm
V-Belt section	B - 45" & A - 24"
Weight (Approx.)	800 Kgs.
Motor 1440 RPM 3 Phase 440 volts	1.5 HP & 0.5 HP
Shipping Wooden Case Inner Size LxWxH (in mm)	1300 x 940 x 2100

Model Code System

- R = Radial Drill m/c
- 25/40 = Drilling capacity
- A = Autofeed model

Std. Accessory

- Motor Pulley
- Tapper Drift
- Manual Book
- Drill-bit angle gauge

Extra Accessory

- Electric Motor
- R & F Switch
- Drill Chunk
- Arbour
- Key-way Compound Slide
- Coolant Pump with tank
- Drill Vice
- Motor Belt
- Machine Lamp