



PRL-40 PILLAR DRILL MACHINE



Features

- ▶ Main Spindle and pinion made from EN steel by forging.
- ▶ Column, arm, work-head & gears made from fitness closed grain cast iron; while spindle Ram trim Alloy steel.
- ▶ Main spindle run out is checked for accuracy as per IS 2199.
- ▶ For the smooth sliding of sliding arms, special 'slide-reliever-slots' are given.
- ▶ All moving parts are fine-finished with grinding to a close tolerance.
- ▶ International technic of 'Taper wedge setting'. for complete slide-setting instead of normal one point setting.
- ▶ Quality bearings with grease bath, so for permanent oiling.
- ▶ Main gear and pulley are perfectly balanced.
- ▶ All gears are made from SGI casting.
- ▶ Powder coated accessories for longer life and preventing of corrosion and pillage associated with usual chrome plating.

Technical Specification

Specification	Pillar Drill Machine PRL - 40
Tilting working table	FIXED
Drilling capacity	40 mm
Pillar Diameter	121 mm
Spindle nose to table distance	595 mm
Distance from spindle nose to base distance	1050 mm
Distance from spindle center to pillar surface	320 mm (MAX)
Table Travel	480 mm
Taper in spindle	MT - 4
Number of speed	8 Speed
Range of Speed (RPM)	70 to 2000
Table Size (in mm)	410 x 410
Base size (Machined Area mm)	440 x 715
Overall Base Size (in mm)	445 x 720
Spindle Travel	250 mm
Pillar Length	1450 mm
Overall height with pulley guard	1860 mm
V-Belt section	B - 59"
Weight (Approx.)	325 kg.
Motor 1440 RPM 3 Phase 440 volts	1.5 HP
Shipping Wooden Case Inner Size LxWxH(in mm)	860x460x1580 mm

Model Code System

- P = Pillar Drill m/c
- 20/25/40 = Drilling capacity
- S = Square Head Model
- R = Round Head Model
- L = Long Spindle Travel
- A = Autofeed Model
- X = Xtra Heavy 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