



## PSL-40A 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 PSL - 40A
Tilting working table	FIXED
Drilling capacity	40 mm
Pillar Diameter	135 mm
Spindle nose to table distance	495 mm
Distance from spindle nose to base distance	1000 mm
Auto feed speed	0.04 or 0.08
Distance from spindle center to pillar surface	380 mm ( MAX )
Table Travel	500 mm
Taper in spindle	MT - 4
Number of speed	8 Speed
Range of Speed (RPM)	60 to 2000
Table Size (in mm)	490 x 490
Base size (Machined Area mm)	820 x 490
Overall Base Size (in mm)	825 x 495
Spindle Travel	250 mm
Pillar Length	1475 mm
Overall height with pulley guard	1840 mm
V-Belt section	B - 74"
Weight (Approx.)	500 kg.
Motor 1440 RPM 3 Phase 440 volts	2 HP
Shipping Wooden Case Inner Size LxWxH(in mm)	1200x540x1860 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