



**INDIA INTERNATIONAL MARKETING COMPANY**



**DRILLING MACHINES - PRAKASH ALL GEARED HEAVY DUTY DRILLING MACHINES  
MODEL – P40AA**



**Features**

“PRAKASH” 40MM Capacity, All Geared Auto Feed Radial Drilling Machine is having base Plate, provided with in-built coolant Tank. Steel ram and pinion with 2.82 module heavy teeth enables greater load capacity.

**Newly Designed Oil Bath Gear Box**

The all new design of gear box in Model PMW-R40AA, R400 and P40AA is having 9 speed with all 9 gears of hardened NiCr steel up to HRC 50-55. Oil bath gear box and hardened gears give very long life to the machine. Rotation and easy sliding of gears in bearings gives very high reliability. Gears are internally six

splined and shafts are externally

All the gears in gearbox are machined on imported WMW Germany make gear shaper.

All the splines in the gear box are machined on imported PFAUTER Germany make spline milling machine.

#### Newly Designed Autofeed Gear Box

Autofeed gear box used in Machine R4OAA, R4OBA & P4OAA is having gears made up of NiCr Steel & of heavy 2.5 module. All gears are also hardened. Two worm gears are of heavy duty 2.82 module teeth. All the shafts in the Gear Box are supported through good quality bearings and not the Bushes. Engaging of Autofeed through TAPER GONE MECHANISM as in the lathe machines enable maximum loading capacity leaving behind other machines.

#### Pillar Drill Machines Specification Table

DESCRIPTION	P4OAA
Drilling Capacity in M.S.	40
Drilling Capacity in C.I.	45
Rough Boring in M.S.	75
Tapping in M.S.	25
Spindle Hole Taper	MT-4
Spindle Travel	250
Spinlde Speeds (RPM x Steps)	88-1404 x 9
Diameter of RAM	78
Autofeed Range (mm/rev.)	0.05 & 0.09
Max. Dist Spindle Nose to Table	530
Spindle centre to column	345
Table size	450 x 455
Machine Measurement	880 x 675 x 1850
Columm Diameter	130
Dist. From Spindle Nose to Base	920
Motors	2 HP / 3 HP
V-Belt	B-33 x 2

#### Stanocrd Accessories

- Motor Pulley in all machines
- Complete Electrical Suitable for 415 Volts/50Hz 3 phase AC Supply (Electrical Panel Board & Switches in Model R4DAA, R4OBA& P4OAA)

#### Optional Accessories

- Electrical Motors
- Vee” Belts. Keyless Drill Chuck

■	Tapping Control Panel Board
■	Drill Chuck & Arbor
■	Work Table
■	Extra long column
■	Coolant Pump with Coolant Tank.
<b>Tapping Control Panel Board</b>	
■	Tapping Control Panel Board operated with FOOT SWITCH can be made available in any of Radial or Pillar drill machine on request.



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