



INDIA INTERNATIONAL MARKETING COMPANY



## RADIAL DRILLING MACHINES - PRAKASH MODEL R40AA



40 mm cap. Allgeared Autofeed Radial Drill Machine

### Features

“PRAKASH” 40MM Capacity, All Geared Auto Feed Radial Drilling Machine is having hase 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 iii Model PMW-R4OAA, R400 and P4OAA 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

### SPECIFICATIONS

DESCRIPTION	R40	R40G
Drilling in M.S.	40	40
Drilling in C.I.	45	45
Tapping in M.S.	25	20
Rough Boring in M.S.	75	---
Spindle Taper	MT-4	MT-4
Spindle Travel	250	250
Spindle Speeds (RPM x steps)	58-936 x 9	58-936 x 9
Diameter of RAM	78	78
Spindle Autofeed Ranges	0.05 & 0.09	Fine Feed
Max/Min Dist. Spindle nose to base	950/250	850 / 250
Max/Min Dint. Spindle center to column	900/400	920 / 385
Max. Drilling Radius	990	1005
Machine Measurement (LX B X H)	1200 x 780 x 2100	1350 x 850 x 1825
Diameter of Column	180	170
Work Table	300 x 300 x 385	300 x 300 x 385
Coolant Tank	640 x 290 x 130	----
Drill-head Motor	1.5 HP / 960 RPM	1.5 HP / 960 RPM
Elevating Motor	1 HP / 1440 RPM	0.5 HP / 1440 RPM
Lifting Motor V-belt	B-25/B-26	B-25/B-26

### Stancred 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.

### Tapping Control Panel Board

- Tapping Control Panel Board operated with FOOT SWITCH can be made available in any of Radial or Pillar drill machine on request.



**INDIA INTERNATIONAL MARKETING COMPANY**

B - 73, PHASE - 1, MAYAPURI INDUSTRIAL AREA (BEHIND POLICE STATION), NEW DELHI - 110 064, INDIA

MOBILE : +91-9810112341, PHONE : +91-11-28117865, +91-11-30583633, FAX : +91-11-28117867

Email : [iimc@vsnl.net](mailto:iimc@vsnl.net), [iimc.machines@gmail.com](mailto:iimc.machines@gmail.com)

Website : [www.iimc-india.com](http://www.iimc-india.com), [www.indiamart.com/indiainternational](http://www.indiamart.com/indiainternational)