



**INDIA INTERNATIONAL MARKETING COMPANY**



**RADIAL DRILLING MACHINES - PRAKASH MODEL R40 & R25**



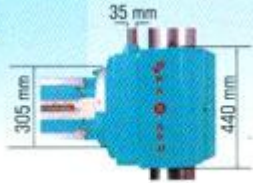
**40 mm cap. Radial Drill Machine with Finefeed (R40)  
25 mm cap. Radial Drill Machine with Finefeed (R25)**

**Exclusive Features of R40 series**

**A**

OIL BATH LIFTING ASSEMBLY

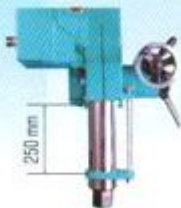
- Oil Bath lifting assembly.
- Steel worm supported through ball bearings at both sides.
- Screw supported through taper roller bearings.

**B**

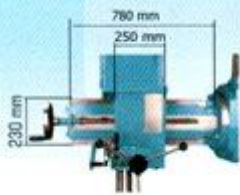
- Wide supports of column, column bracket & arm.
- Heavy duty lifting screw of 35 mm die.

**C**

- Long bottom for greater rigidity to reduce vibration.
- Heavy duty column with Heavily ribbed base plate.

**D**

- 250 mm long spindle travel.
- 78 mm Steel RAM with 2.5 Module Heavy Teeth.

**E**

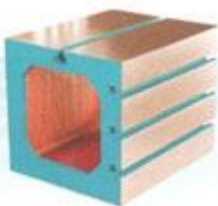
- Greater support through closed V - Guideways and wider drilling head.



- Better design of arm for higher rigidity and wide support.

## SPECIFICATIONS

DESCRIPTION	R40	R25
Drilling in M.S.	40	25
Drilling in C.I.	45	32
Tapping in M.S.	20	12
Spindle Hole Taper	MT-4	MT-3
Spindle Travel	250	175
Spindle Speeds (RPM x steps)	88-2600 x 8	105-2651x8
Diameter of RAM	78	72
Spindle Autofeed Ranges	Fine Feed	Fine Feed
Max/Min Dist. Spindle nose to base	850/250	860/100
Max/Min Dist. Spindle center to column	920/385	640/330
Max. Drilling Radius	1005	705
Machine Measurement (L X B X H)	1350 x 850 x 1825	930 x 580 x 1750
Diameter of Column	170	130
Work Table	300 x 300 x 385	265 x 200 x 200
Drill-head Motor	1.5 HP/1440 RPM	1 HP/1440 RPM
Elevating Motor	0.5 HP/1440 RPM	0.5 HP/1440 RPM
Head Motor V-belt	B-46/B-47	B-40
Lifting Motor V-belt	B-23/B-24	B-22/B-23



### Four Side Useful Box Table

- 2 side with T-Slots
- 2 side plane face without Slots

## STANDARD ACCESSORIES

**OPTIONAL ACCESSORIES**



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**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)**