

TM



# All Geared & Autofeed Precision Pillar Drill Machine



**With Hardened and ground spindle and newly designed Gearbox**

40 mm cap. Allgeared Autofeed Pillar Drill Machine

Two Auto Feed Auto Stop



Radial Drill Machines Specification Table

|  | DESCRIPTION                  | R40AA                              | R40G              |
|--|------------------------------|------------------------------------|-------------------|
| Capacity                               | Drilling in M.S.             | 40                                 | 40                |
|  | Drilling in C.I.             | 45                                 | 45                |
|  | Tapping in M.S.              | 25                                 | 20                |
|  | Rough Boring in M.S.         | 75                                 | ---               |
| Drilling Head                          | Spindle Hole 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         |
|  | Working Range                | Max/Min Dist. Spindle nose to base | 950 / 250         |
| Max/Min Dist. Spindle center to column |                              | 900 / 400                          | 920 / 385         |
| Max. Drilling Radius                   |                              | 990                                | 1005              |
| Machine Measurement (L X 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                    | ---               |
| Power                                  |                              | Drill-head Motor                   | 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       |

### Standard Accessories

- Motor Pulley in all machines
- Complete Electrical Suitable for 415 Volts/50Hz 3 phase AC Supply (Electrical Panel Board & Switches in Model R40AA, R40BA & P40AA)

### Extra 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.

• All dimensions are in mm. • Note : Due to constant improvements in our machines all illustration/specifications are subject to change without prior notice. • Accessories shown in the photograph may not be a part of the standard accessories.

Pillar Drill Machines Specification Table

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



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ENGINEERING TECHNOLOGY

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