



RADIAL DRILLING MACHINE
RDH/A/325 AUTO FEED

SPECIFICATIONS

(All dimensions are in mm)

MODEL	RDH/A/325
Drilling capacity in steel	: 30
Morse taper in spindle	: 3
Spindle traverse (Auto Feed)	: 140
No. of auto feed	: 3
Range of power feed (mm/rev).	: 0.1 - 0.2 - 0.3
No. of spindle speeds	: 10
Range of spindle speeds (rpm)	: 100 - 142 - 210 - 310 - 450 - 600 - 852 - 1260 - 1860 - 2700
Power of Spindle drive motor	: 1.5 kW/2HP 1440 rpm/ 415 AC 3 Ph 50 HZ
Drilling Radius Max/ Min.	: 770 / 580
Diameter of pillar (Material - Cast Iron)	: 180
Distance between spindle nose and base Max./Min	: 1065 / 500
Distance between base & round table	: 315
Diameter of round table	: 335
Base Working surface.	: 750 x 490
Power of lifting motor.	: 0.75 kW 1HP 2860 rpm 415 AC 3 Ph 50 Hz
Space Occupied (L x B x H)	: 1350 x 660 x 2080
Net Weight	: 850 Kg

OPTIONAL ACCESSORIES (at extra cost) : Drill chuck-Coolant pump-reduction sleeve-Machine vice

OPTIONAL SPINDLE SPEED (at extra cost)

With 2HP 720 rpm motor	- 50-71-105-155-225-300-426-630-930-1350
With 2H P 960 rpm motor	- 65-95-40-205-300-390-570-840-1230-1800
With 2HP 720/1440 rpm motor	- 50-71-105-155-225-300-426-630-930-1350
	- 100-142-210-310- 450-600-852-1260-1860-2700

MAIN FEATURES :

- ❑ The robust and streamlined construction enables it to withstand and absorb heavy cutting forces.
- ❑ Drilling head is mounted over a sturdy arm attached to the pillar.
- ❑ Both the arm and the drilling head can be swivelled and clamped to any desired position. The arm can be moved up and down by an elevating motor coupled to screw rod nut mechanism.
- ❑ Arm can be positively locked in any desired position.
- ❑ Electrically interlocked safety mechanism disconnects elevating motor when arm is locked.
- ❑ When arm lock is released an electrical interlock disconnects the main motor.
- ❑ The extreme positions of the arm on the column are secured by end stops which automatically stop the elevating motor.
- ❑ The raising and lowering of the arm is controlled by two push buttons located on the spindle head.
- ❑ Drive is transmitted from motor to spindle through five stepped V-groove pulley and V-belt.
- ❑ Reduction gear unit mounted at the top of the machine provides ten wide range of spindle speeds.
- ❑ Reduction gear unit is operated by means of a hand lever, provided within the easy reach of the operator.
- ❑ The three range of auto feed can be selected by means of hand lever.
- ❑ Round table at the base, mounted over an arm which can be swiveled around to any desired position and can also be fixed in any one of the T-slots or can be removed so that the whole base can be used.

Note : In view of continuous development, we reserve the right to change the designs and/or dimensions without notice.



Manufactured by

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