

R40BA - 40 mm cap.Backgeared Auto feed Radial Drill Machine

Specifications of machine

	Description	R40BA
Capacity	Drilling In M.S.	40
	Drilling in C.I.	45
	Tapping in M.S.	20
	Rough Boring M.S.	60
Drilling Head	Spindle Hole Taper	MT-4
	Spindle Travel	250
	Spindle Speed (RPM x Steps)	88-2600 x 8
	Diameter of RAM	78
	Spindle Auto feed Range	0.05 & 0.09 MM/REV
Working Range	Max / Min Distance Spindle Nose to Base	850/250
	Max / Min Distance Spindle Center to Column	920/385
	Max. Drilling Radius	1005
	Machine Measurement (L x B x H)	1350 x 850 x 1825
	Diameter Of Column	170
	Work Table	300 x 300 x 385
Power	Drill-Head Motor	1.5 HP/1440 RPM
	Elevating Motor	1HP/1440 RPM
	Head Motor V-Belt	B-47
	Lifting Motor V-Belt	B-25/B-26

- The All new model 40 mm Back geared Auto feed Radial Drill Machine is meant for heavy general purpose work.
- It is having heavy duty machine structure having 40 mm capacity in steel & 250 mm spindle travel.

- Dist. From spindle center to column is 900 mm.
- Column of 170mm dia is made of casting having long bottom for greater rigidity to reduce vibration.
- The base plate is heavily ribbed below for extra rigidity.
- Most important part spindle is internally and externally ground made of EN8 steel.
- Spindle RAM is of 78 mm dia made of steel only not the casting with 250 mm spindle travel. Pinion of EN8 steel and quill both are having 9 DP heavy teeth.
- Auto feed gears are also hardened.
- All the gears in the machine are supported through good quality bearings and not the bushes.