

Cap. 40mm
All Geared
Radial Drill Machine
With Fine Feed
And Electrical.

Technical Specification in MM	
Sr. No.	Model No: MAAN 40/950
A. Capacity	40mm
B. Drilling Cap.	
1. In Cast Iron Having 180bhn	42mm
2. In Mild Steel Having 500mpa Tensile Strength	40mm

C. Tapping Capacity	25mm
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D. Drilling Head	
1. Taper In Spindle [morse Tapper]	Mt – 4
2. Spindle Travels – Auto/manual	250mm
3. No. Of Spindle Speeds / Range	8/50 – 1750 Rpm
4. No. Of Auto Feeds	Manual (Fine Feed)

E. Electrical	
1. Power Supply	415v, 3ph, 50hz
2. Drilling Head Motor	2hp
3. Arm Elevating Motor	0.5hp

F. Working Range	
1. Drilling Radius Min/max.	480 / 1050mm
2. Distance Between Base Plates To Spindle Min/max.[Spindle Retracted]	250/950mm
3. Drilling Head Traverse Max [manual]	565mm
4. Vertical Traverse Of Arm [auto]	750mm
5. Column Sleeve Diameter	170mm
6. Rotation Of Arm [both Side]	0-180 Deg.

G. Base Plate	
1. Working Surface [L X W]	850 X 650
2. No. Of T – Slots & Nominal Size	4/21
3. Weight Of Machine With Elelectricals & Standard Accessories [approx] Net / Cross	850 / 1000kg
4. V – Belt Section Of Arm Elevator Motor	A – 25/ A -24

H. Box Table Size [L X W X H] mm	400 X 300 X 300
1. Wooden Packing Dimension [L X W X H]	1425 X 850 X 2100

Note: All The Above Designs, Dimensions And Details Are Approximate Only And We Reserve The Right To Alter Them Without Prior Notice As We Are Improving The Design.

- Standard Accessories
- Electrical consisting of two motors
 - R / F switch
 - Wiring Etc.
 - Elevator Pulley

- Optional Accessories: (At Extra Price)
- Box Table
 - Coolant Pump with Fitting
 - Machine Lamp
 - Extra Column Height
 - Drill Chuck with key & arbor
 - Drill Sleeve
 - Drill Vice
 - Special T-Bolts
 - Foundation Bolt
 - Service Tool
 - Wooden Box Packing & Forwarding

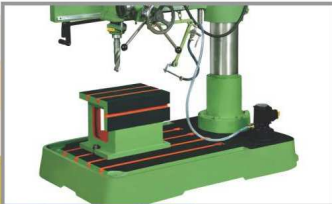
The Entire Feature in the Machine: Model NO : 40 / 950	
➤ Main Spindle is made of "EN8" material.	Requirement [Precision gears]
➤ MT-bore internally grinded.	➤ All Bearing [NSK (Japan)/NBC/FLT Bearing]
➤ Accuracy and run out of 0.01 to 0.04 in main spindle shaft.	➤ All Electrical parts are good quality. [Company: L&T]
➤ Pinion Shaft is made of "EN8" material.	➤ column design is heavy thickness and grinded as per the sizes required [column size: 170mm]
➤ Provided 4-8 Speeds by accurate balancing.	➤ Specially spring type balanced spindle travel
➤ Spindle sleeve-grinded.	➤ Manual And Fine feed System options.
➤ Work light [As per requirement]	➤ Drilling last capacity: : 40mm
➤ full size work table With Accurate right-angled. [390 x 300] [Surface Grinding is available as per Your required]	➤ Heavy Duty structures
➤ Tapper Roller facility for better sliding of drill head on arm guide	➤ Strongly ribbed and thick walled base plate having built-in coolant tank.
➤ coolant system [As per requirement]	➤ Generously Proportional & Well adequately ribbed base plates, column and arm For Maximum Rigidity and Minimum deflection.
➤ Speeds can easily change	➤ This machine may be Capable of drilling, milling, tapping, honing, counter-boring, spot facing, Reaming, and boring and other similar utilities.
➤ Nitride hardened "Ram"	➤ Arm guide Surfaces are Precision scraping process.
➤ All gears are made of alloy steel [Gear Material], Heat treatment [45 to 55 HRC] hardened & Lapped running in oil bath fitted.	➤ Arm length is long [950mm]
➤ Ram is accurately grinded and Honing process is done in the bore body Containing "Ram".	➤ Wooden case available on demand
➤ All the gears assemble in the machine are perfectly sized according to	

Manufactured By :
MAN TECHNO PLUS
Gujarat, INDIA

Supply & Marketed By :



एन. एस. आई. सी.
NSIC
ISO 9001 : 2008



Model No: MAAN 40/950
Cap. 40mm All Geared Radial Drill
Machine With Fine Feed & Electrical.

All Geared Precision Radial Drilling Machine