Versatile Infinitely Variable Speed Radial Drilling Machine with Frequency Inverter Motor and Digital Display for High Accuracy



This kind of MM-R40V Radial Drilling Machine is one of the most versatile and powerful drilling solutions for drilling, reaming and countersinking in steel or cast iron. This model impress with their easy handling, even of large and heavy work-pieces. The long projection arm makes it extremely flexible for use in many production and construction companies. It is the modern, further developed version of the classic radial drilling machine.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Maximum Drilling Capacity in steel is 40 mm
- Complete with Stepless Speed, Set Speed is Visible on Digital Display
- 40 mm boring capacity, large throat and compact dimensions
- Boom can move vertically, while column and head remain clamped and fixed in their positions
- Infinitely variable spindle speed with digital display
- Drill head can move radially and positioned with high precision via centrally located hand-wheel
- All gear parts are lubricated reliably via oil pump, 4-step feed gears
- Spindle features high concentricity and automatic spindle brake
- Quill teeth are precision-ground for a smooth feed and minimum wear
- The drill head moves on hardened and ground guide-ways
- Control switch allows for individual clamping or unclamping of drill head and column
- All models feature adjustable overload clutches in the feeds
- Adjustable boring depth stop with large, easy to read scale and Nonius
- Modern design for easy and comfortable operation
- Cube table offers extended clamping possibilities
- Robust construction for constant high accuracy
- Infinitely variable speed control with back gearing for high torque across entire speed range
- Operator controls are placed within reach for convenient and practical handling & quick learning
- Major design features include a large column and a highly torsion-resistant boom
- Boom height adjustment via a powerful motorized drive and vertical spindle
- The boom lifting gears run in an oil-bath for maximum reliability and minimum wear
- Powerful coolant system with coolant reservoir integrated into the machine foot
- Column swivel design with optimized clamping has maximum rigidity & minimum clamping offset
- Swivel axis and travel axis feature extremely smooth operation to make production work easier
- Gears feature hardened and precision-ground chrome-nickel steel for smooth & low-noise operation
- Base, column, boom and gear head are made of premium high-quality cast
- Clamping lever at drill head allows to release the boom so it can be moved via hand-wheel, and to swivel the boom and fix it again in its position
- Manual central lubrication
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	Variable Speed Powerful Radial Drilling Machine
Product Item :	MM-R40V
Max. Drilling Capacity (in steel) :	Ø 40 mm
Max. Tapping Capacity (in cast iron) :	M 40
Max. Tapping Capacity (in steel) :	M 32
Max. Drilling Depth :	260 mm
Clamping Type :	Mechanical
Working Area	
Machine Table Dimensions :	2050 X 920 X 180 mm
Cube Table Dimensions :	620 X 450 X 450 mm
Throat (Distance spindle-to-column) :	300 — 1300 mm
Spindle nose-to-table surface distance :	300 — 1200 mm
Drill Head Travel (Horizontal) :	1000 mm
Arm Stroke (Vertical) :	640 mm
Column Diameter :	Ø 280 mm
Headstock	
Spindle Speed Range :	54 — 2150 RPM
Spindle Speed Steps :	Infinitely Variable Speed
Spindle Mount :	MT 4
Feed	
Spindle Feed Range :	0.1 — 0.63 mm / Rev
Spindle Feed Steps :	4 steps
Drive Capacity	
Main Motor :	2200 W
Stroke Motor :	1100 W
Hydraulic Clamp Motor :	750 W
Rocker Arm Move Speed up and down :	1200 mm /min
Drill Depth of Each Round of Dial :	122 mm
Rotation Angle of Radial Arm :	±180 degree
Connecting Voltage :	Three Phase 400V Voltage
Measures and Weights	
Machine Dimensions :	2070 X 850 X 2430 mm (Length X Width X Height)
Packing Size :	2250 X 1100 X 2500 mm (Length X Width X Height)
Gross Weight :	2380 KGS
Standard Accessory :	Frequency Inverter, Main Motor, Stroke Motor, Work Lamp, Coolant system, Digital Readout of Speed, Cube Table, Hydraulic Motor, Tools and Toolbox

Machine Dimensions For MM-R40V

