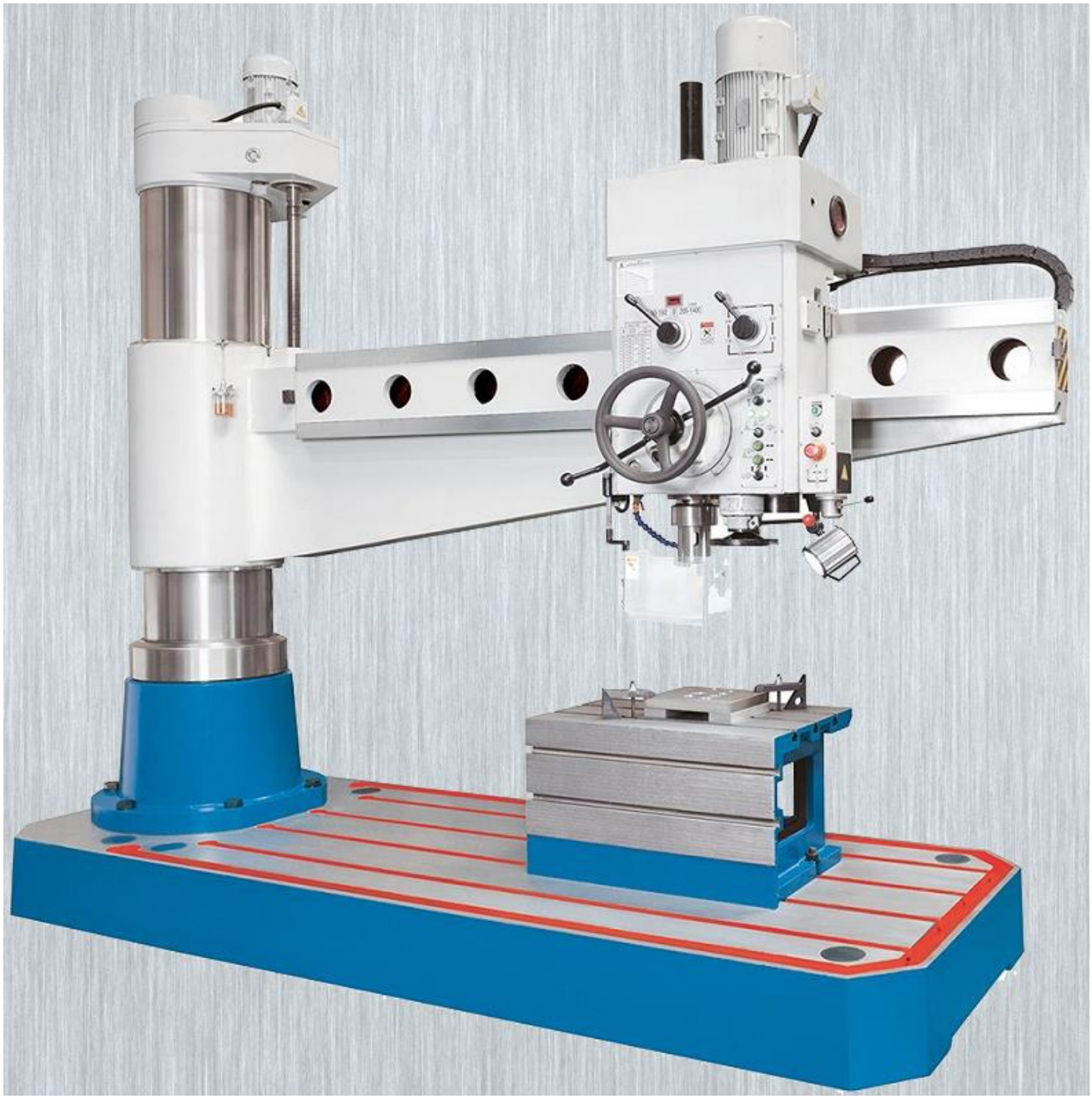
Heavy Duty Variable Speed Hydraulic Radial Drilling Machine with Advanced Frequency Motor and Digital Display



This kind of MM-R80V is Variable Speed Hydraulic heavy duty Radial Drilling Machine with Maximum Drilling Capacity in steel up-to diameter 80mm which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification. Such high precision radial drill press feature step-less speed

adjustment, solid construction, Variable Speed Frequency Inverter Main Motor and high user friendliness. The column is mounted to improve the position of the radial arm and therefore maximize work comfort – significant for longer operating times. This drilling machine is proven performance, quality, and cost-effectiveness which is ideal for drilling, countersinking, reaming and tapping.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Maximum Drilling Capacity in steel is 80 mm diameter
- Variable Speed with Advanced Variable Frequency Motor
- Drill head and column can be clamped/released together or separately with the push of a button
- Independent hydraulic clamping: boom can move vertically without losing spindle-to-bore alignment
- Robust construction for constant high accuracy
- Infinitely variable spindle speed with digital display
- Modern design for easy and comfortable operation
- A cube table offers extended clamping possibilities
- Base, column, boom and gear head are made of premium high-quality cast
- 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
- Advanced column swivel design with clamping for maximum rigidity and 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
- All gear parts are lubricated reliably via oil pump
- The main spindle runs on precision bearings and features an automatic spindle brake
- Optimum size/performance ratio and a new drive technology make this a bestseller
- Infinitely variable spindle speed and easy to read digital display
- Quill teeth are precision-ground for a smooth feed and minimum wear
- All operator controls are placed within reach for convenient and practical handling and quick learning
- Powerful coolant system with coolant reservoir integrated into the machine foot
- The drill head moves on hardened and ground guideways
- All models feature adjustable overload clutches in the feeds
- Adjustable boring depth stop with large, easy to read scale and Nonius
- The quills feature guided counterweights for easy handling and increased safety
- A central lubrication system ensures reliable lubrication of the column
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	Variable Speed Heavy Duty Radial Drilling Machine
Product Item :	MM-R80V
Max. Drilling Capacity (in steel) :	Ø 80 mm
Max. Tapping Capacity (in cast iron) :	M 60
Max. Tapping Capacity (in steel) :	M 52
Max. Drilling Depth :	400 mm
Clamping Type :	Hydraulic
Working Area	
Machine Table Dimensions :	3380 X 1230 X 280 mm
Cube Table Dimensions :	580 X 850 X 500 mm
Throat (Distance spindle-to-column) :	450 — 2550 mm
Spindle nose-to-table surface distance :	400 — 1580 mm
Drill Head Travel (Horizontal) :	2100 mm
Arm Stroke (Vertical) :	800 mm
Column Diameter :	Ø 450 mm
Headstock	
Spindle Speed Range :	30 — 1400 RPM
Spindle Speed Steps :	Infinitely Variable Speed
Spindle Mount :	MT6
Feed	
Spindle Feed Range :	0.06 — 1.38 mm / Rev
Spindle Feed Steps :	8 steps
Drive Capacity	
Main Motor :	7500 W
Stroke Motor :	2200 W
Hydraulic Clamp Motor :	1100 W
Rocker Arm Move Speed up and down :	1000 mm /min
Drill Depth of Each Round of Dial :	151 mm
Rotation Angle of Radial Arm :	±180 degree
Connecting Voltage :	Three Phase 400V Voltage
Measures and Weights	
Machine Dimensions :	3590 X 1250 X 3530 mm (Length X Width X Height)
Packing Size :	3750 X 1400 X 2260 mm (Length X Width X Height) 3050 X 930 X 1030 mm (Length X Width X Height)
Gross Weight :	7480 KGS
Standard Accessory :	Frequency inverter, Main Motor, Coolant system, Cube Table, Hydraulic Motor, Stroke Motor, Digital Readout of Speed, Work Lamp, Tools and Toolbox

Machine Dimensions For MM-R80V

