Infinitely Variable Speed High Precision Hydraulic Radial Drilling Machine — Perfect in Every Detail, Powerful, Rigid and Easy to Handle



This kind of MM-R60V is Infinitely Variable Speed Hydraulic Classic Radial Drilling Machine with Maximum Drilling Capacity in steel up-to diameter 60 mm 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. 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 60 mm
- Infinitely Variable Spindle Speed with Digital Display
- Cube Table offers extended clamping possibilities
- Robust construction for constant high accuracy
- Modern design for easy and comfortable operation
- 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
- Complete with stepless speed, set speed is visible on digital display
- Spindle features high concentricity and automatic spindle brake
- 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
- Guiderails on radial arm are hardened and polished
- Counter weight on spindle to ensure optimal balance
- Radial arm, drill head and column each with hydraulic clamp
- Large base plate, ideal for processing of oversize workpieces
- Torsion-free, polished column increases sliding capacity of radial arm
- Lifting motor ensures easy height adjustment of radial arm keeping the spindle in position – ideal for repetitive operations
- Control switch allows for individual clamping or unclamping of drill head and/or column
- Ideal for drilling, countersinking, reaming and tapping
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	Variable Speed High Precision Radial Drilling Machine
Product Item :	MM-R60V
Max. Drilling Capacity (in steel) :	Ø 60 mm
Max. Tapping Capacity (in cast iron) :	M 52
Max. Tapping Capacity (in steel) :	M 40
Max. Drilling Depth :	315 mm
Clamping Type :	Hydraulic
Working Area	
Machine Table Dimensions :	2400 X 1000 X 200 mm
Cube Table Dimensions :	750 X 500 X 500 mm
Throat (Distance spindle-to-column) :	350 — 1600 mm
Spindle nose-to-table surface distance :	350 — 1250 mm
Drill Head Travel (Horizontal) :	1250 mm
Arm Stroke (Vertical) :	585 mm
Column Diameter :	Ø 350 mm
Headstock	
Spindle Speed Range :	38 — 2000 RPM
Spindle Speed Steps :	Infinitely Variable Speed
Spindle Mount :	MT5
Feed	
Spindle Feed Range :	0.06 — 1 mm / Rev
Spindle Feed Steps :	8 steps
Drive Capacity	
Main Motor :	4000 W
Stroke Motor :	1500 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 :	2490 X 1050 X 2780 mm (Length X Width X Height)
Packing Size :	2600 X 1150 X 2500 mm (Length X Width X Height)
Gross Weight :	3880 KGS
Standard Accessory :	Frequency Inverter, Hydraulic Motor, Stroke Motor, Main Motor, Coolant system, Cube Table, Work Lamp, Digital Readout of Speed, Tools and Toolbox

Machine Dimensions For MM-R60V

