Heavy Duty Hydraulic Solid Radial Drilling Machine Perfect in Every Detail, Powerful, Rigid and Easy to Handle



This kind of MM-R100 is Heavy Duty Hydraulic Radial Drilling Machine with CE Safety Certification.
Such radial drill press machine features Maximum Drilling Capacity Diameter is up to 100 mm in steel, Throat is up to 3150 mm, Heavy-duty Large Rigid Column, High Torsion-Resistant Boom, Powerful 15KW Main Motor, Solid Construction and convenient user friendliness.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Max. Drilling Capacity Diameter Ø 100 mm and Heavy-Duty Large Solid Column
- 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
- A large throat and high boring capacities are supported by a very rigid structural design, without compromising the ease of handling and smoothness of operation
- The drill head features a rigid design with motorized or manual movement
- Spindle speed and feed velocity are hydraulically controlled for easy and safety operation
- The drill spindle is driven by a multi-disk reversing clutch to avoid excessive load peak easy operation
- Independent hydraulic clamping of head, column and boom
- Drill head and column can be clamped/released together or separately and controlled via push button
- Boom and column are oiled through a reliable central lubrication system
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- Advanced column swivel design with optimized clamping features rigidity and clamping offset
- Main spindle runs on precision bearings and features an automatic spindle brake
- Oversize base plate, ideal for processing of large work-pieces
- All gear parts are lubricated reliably via oil pump
- Gears feature hardened precision-ground chrome-nickel steel gears for smooth low-noise operation
- The drill head moves on hardened and ground guide-ways
- All operator controls are placed within reach for convenient and practical handling and quick learning
- Swivel axis and travel axis feature extremely smooth operation make everyday production work easier
- Powerful coolant system with coolant reservoir integrated into the machine foot
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	Heavy duty Radial Drilling Machine
Product Item :	MM-R100
Max. Drilling Capacity (in steel) :	Ø 100 mm
Max. Drilling Capacity (in cast iron) :	Ø 115 mm
Max. Tapping Capacity (in cast iron) :	M 80
Max. Tapping Capacity (in steel) :	M 70
Clamping Type :	Hydraulic
Drilling Depth (max.):	500 mm
Working Area	
Working Table Size (L X W X H) :	1250 X 800 X 560 mm
Distance Spindle-to-Column Surface (Throat) :	570 — 3150 mm
Distance Spindle nose-to-table Surface :	700 — 2500 mm
Travel of Spindle Headstock : (Drill Head Horizontal Travel)	2590 mm
Arm Stroke Vertically : (Vertical Travel of Arm on Column)	1300 mm
Spindle Travel :	500 mm
Maximum Torque of Spindle :	2500 Nm
Column Diameter :	Ø 600 mm
Rotation Angle of Rocker Arm :	± 180 degree
Headstock	
Spindle Speed Range :	8 — 1000 RPM
Spindle Speed Steps :	22 steps
Spindle Mount :	MT6
Feed	
Spindle Feed Range :	0.06 — 3.2 mm / rev
Spindle Feed Steps :	16 steps
Drive Capacity	
Main Motor :	15 KW
Lifting Motor :	4 KW
Connecting Voltage :	Three Phase 400V
Packing Type :	Two unit of Export Type Wooden Case
Machine Dimensions :	4780 X 1630 X 4720 mm
Packing Size :	4850 X 1950 X 1820 mm 5000 X 1860 X 2580 mm
Gross Weight :	20000 KGS
Standard Accessory :	Coolant system, Working Table, Work Lamp, Main Motor, Lifting Motor, Tools and Toolbox

Machine Dimensions For MM-R100

