

MD50 Magbased Drilling Machine

MD50 Twin Rail Slide System

This perfected innovative design is a result of conscious and consistent research and development with built-in safety features as standard on all machines.

Magbroach Portable Magnetic Drilling Machines are built to the highest standard with High-Tech electromagnetic bases.

The most powerful motor units are made in Germany and have been specially adapted for our needs, plus PCB Control boards with built in interlinked safety features unique to the machines.

MD50 Twin Rail Slide System

Fixed Magnet

Cutter Capacity 7/16 – 2 inches
 12-50 mm

Cutter Depth of Cut 4½ inches
 110 mm

Advantages over other brand Machines using Dovetail Systems

- T.R.S.S. Maximises slide stability
- Up to 10 times better stability than dovetail systems
- Slide has no contact with main body of machine
- Reduced friction less wear
- Low maintenance better reliability
- Reduced cutter breakages due to better slide stability
- Improved cutter life
- Better tolerance achievable
- Improved hole quality
- Up to 110mm cutting depth with cutters with small machine.



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Technical Specifications MD50

	MD50		MDS50	
Motor Watts		1150		1150
Total Power Watts		1200		1200
Speed No Load Rpm		465/720		465/720
Speed Full Load Rpm		250/450		250/450
Arbor/Drive Weldon		MT2		MT2
Cutter Capacity	12-50 mm	7/16 - 2 inches	12-50 mm	7/16 - 2 inches
Cutter Depth Of Cut	110 mm	4.5 inches	110 mm	4.5 inches
Drilling Capacity	3-23 mm	1/8 - 7/8 inches	3-23 mm	1/8 - 7/8 inches
Countersink Capacity	10-40 mm	3/8 - 9/16 inches	10-40 mm	3/8 - 9/16 inches
Slide Stroke	170 mm	7 inches	170 mm	7 inches
Magnetic Adhesion	1250 kg	2500lbs	1250 kg	2500lbs
Magnetic Foot	85 x180 mm	3.5 - 7.5 inches	85 x180 mm	3.5 - 7.5 inches
Magnet	Fixed		Swivel 360 Degrees	
Overall Height	410 mm	16.25 inches	410 mm	16.25 inches
Overall Width	120 mm	4.75 inches	120 mm	4.75 inches
Overall Length	280 mm	11 inches	280 mm	11 inches
Arbor For Cutters	19 mm	Weldon 0.75 inches	19 mm	Weldon 0.75 inches
Coolant Sytem	Through Arbor		Through Arbor	
Weight	13.0 kg	28.5 lbs	11.5 kg	28.5 lbs

All machines supplied in plastic carry case with allen keys safety chain with carabina hook and coolant system.

All models available in 110/120 volts ac 50/60hz and 220/240 volts ac 50/60hz.



Twin Rail Slide System (TRSS)