

# MD40 Magbased Drilling Machine

## MD40 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.

### MD40 Twin Rail Slide System

Fixed Magnet

Cutter Capacity      7/16 – 19/16 inches  
12-40 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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# MD40 Magbased Drilling Machine

## MD40 Twin Rail Slide System

### Technical Specifications MD40

	MD40		MDS40	
Motor Watts		1100		1100
Total Power Watts		1150		1150
Speed No Load Rpm		720		720
Speed Full Load Rpm		450		450
Arbor/Drive Weldon	19 mm	0.75 inches	19 mm	0.75 inches
Cutter Capacity	12-40 mm	0.47 - 1.57 inches	12-40 mm	0.47 - 1.57 inches
Cutter Depth Of Cut	110 mm	4.33 inches	110 mm	4.33 inches
Drilling Capacity	3-16 mm	0.12 - 0.63 inches	3-16 mm	0.12 - 0.63 inches
Countersink Capacity	10-30 mm	0.39 - 1.18 inches	10-30 mm	0.39 - 1.18 inches
Slide Stroke	170 mm	6.69 inches	180 mm	6.69 inches
Magnetic Adhesion	1100 kg		1100 kg	
Magnetic Foot	85 x170 mm	3.35 x 6.69 inches	85 x170 mm	3.35 x 6.69 inches
Magnet	Fixed		360 Degrees	
Overall Height	320 mm	12.60 inches	320 mm	12.60 inches
Overall Width	120 mm	4.84 inches	120 mm	4.84 inches
Overall Length	280 mm	11.02 inches	280 mm	11.02 inches
Arbor For Cutters	19 mm	0.75 inches	19 mm	0.75 inches
Coolant Sytem	Through Arbor		Through Arbor	
Weight	11.5 kg	25.4 lbs	12 kg	26.5 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)