



Mactech Europe LTD



Magbase Drilling Machine

MD50 & MDS50 Twin Rail Slide System

This perfected innovative design is the result of conscious and consistent research and development with built-in safety features as standard on all machines. Mactech Europe machines are built to the highest standard with High-Tech electro-magnetic bases, the most powerful motor units made in Germany which have been specially adapted for our needs plus PCB Control boards with built in interlinked safety features unique to these machines.

Advantages over other brand Machines using Dovetail Systems

- T.R.S.S. Maximises slide stability.
- Upto 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.
- Upto 110mm cutting depth with cutters with small machine.



MDS50
swivel base

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(EUROPE) LIMITED

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DECOMMISSIONING / IN-SITU MACHINING SERVICES / MACHINE SALE & RENTAL

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Technical Specifications

MD50 & MDS50 Twin Rail Slide System



	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"	12-50 mm	7/16" - 2"
CUTTER DEPTH OF CUT	110 mm	4 1/2"	110 mm	4 1/2"
DRILLING CAPACITY	3-23 mm	1/8" - 7/8"	3-23 mm	1/8" - 7/8"
COUNTERSINK CAPACITY	10-40 mm	3/8" - 19/16"	10-40 mm	3/8" - 19/16"
SLIDE STROKE	170 mm	7"	170 mm	7"
MAGNETIC ADHESION	1250 kg	2500lbs	1250 kg	2500lbs
MAGNETIC FOOT	85 x 180 mm	3 1/2" x 7 1/2"	85 x 180 mm	3 1/2" x 7 1/2"
MAGNET	FIXED		SWIVEL 360 DEGREE	
OVERALL HEIGHT	410 mm	16 1/4"	410 mm	16 1/4"
OVERALL WIDTH	120 mm	4 3/4"	120 mm	4 3/4"
OVERALL LENGTH	280 mm	11"	280 mm	11"
ARBOR FOR CUTTERS		19 mm Weldon 3/4"		19 mm Weldon 3/4"
COOLANT SYSTEM		THROUGH ARBOR		THROUGH ARBOR
WEIGHT	13.0kg	28 1/2 lbs	11.5kg	28 1/2 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.



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