



# Mactech Europe LTD



## Magbase Drilling Machine

### MD108 & MDS132 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.



**MD108**  
fixed base



**MDS132**  
swivel base

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

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## Technical Specifications

### MD180 & MDS132 Twin Rail Slide System



	MD180		MDS132	
MOTOR WATTS		1700		1700
TOTAL POWER WATTS		1760		1760
SPEED NO LOAD RPM		215/330/460/680		215/330/460/680
SPEED FULL LOAD RPM		10/175/245/385		10/175/245/385
MECHANICAL CLUTCH		YES		YES
ARBOR/DRIVE WELDON		MT3		MT3
CUTTER CAPACITY	12-100 mm	7/16" - 4"	12-100 mm	7/16" - 4"
CUTTER DEPTH OF CUT	250 mm	9 3/4"	280 mm	9 3/4"
DRILLING CAPACITY	3-23 mm	1/8" - 1 1/4"	3-23 mm	1/8" - 1 1/4"
COUNTERSINK CAPACITY	10-55 mm	3/8" - 2 1/8"	10-55 mm	3/8" - 2 1/8"
REAMING CAPACITY	6-25mm	1/4" - 1"	6-25mm	1/4" - 1"
SLIDE STROKE	255 mm	10"	255 mm	10"
MAGNETIC ADHESION	2050 kg	4500lbs	2050kg	4500lbs
MAGNETIC FOOT	102 x 212 mm	4 1/2" x 8 3/4"	102 x 212 mm	4 1/2" x 8 3/4"
MAGNET	FIXED		SWIVEL 360 DEGREE	
OVERALL HEIGHT	480 mm	19"	480 mm	19"
OVERALL WIDTH	130 mm	5 1/4"	130 mm	5 1/4"
OVERALL LENGTH	340 mm	13 1/2"	340 mm	13 1/2"
ARBOR FOR CUTTERS		19 mm Weldon 3/4"		19 mm Weldon 3/4"
COOLANT SYSTEM		THROUGH ARBOR		THROUGH ARBOR
WEIGHT	19.0kg	42lbs	20.0kg	44lbs

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)

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