

NEW Innovation Twin Rail Slide System (T.R.S.S)

Patent Pending



The
ultimate
hole cutting
system

Advantages over machines with dovetail systems

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

Magbroach (UK) Ltd is a family owned company specialising in the design and manufacture of Portable Magnetic Drilling Broaching Machines and accessories produced for professionals.

Based in Chesterfield England, Yes England, we pride ourselves on our quality and service in this field setting standards in design and innovation. Truly a force to be reckoned with.

From a team of specialists with over 30 years of innovative expertise in design and development of electro magnetic drilling machines, setting the standards for competitors to copy, we have responded to our customers' needs by using proven technology and new innovation with aesthetic design. We have developed a new concept with many exclusive features, unique to this new generation of Magbroach machines, with the size and weight reduced but still regaining strength and durability.

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

Because we listen to our customers' needs and react to demands, we can only improve our machines and give more customer satisfaction. This is linked to the high quality of our range of machines and accessories with excellent after sales service and back up geared to the future - thus giving more portability and versatility in a wide range of applications in the field of hole cutting and metal working.

MD 50



MDS 50



Magbroach Professional Tools

Technical Specifications

MD 50

MDS 50

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		MT 2		MT 2
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" - 1 1/16"	10-40 mm	3/8" - 1 1/16"
SLIDE STROKE	170 mm	7"	170 mm	7"
MAGNETIC ADHESION	1250 kg	2500lbs	1000 kg	2200lbs
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		19mm WELDON 3/4"		19mm WELDON 3/4"
COOLANT SYSTEM		THROUGH ARBOR		THROUGH ARBOR
WEIGHT	13kg	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