

Drilling Machine Solutions

HM100 Part no' DRILL-HM100 ⚡ 110 V
Part no' DRILL-HM100/2 ⚡ 240 V



A durable, heavy duty, 3 morse taper drilling machine.



Features / Benefits

- Heavy duty 1700 W motor. Enables large cutting capacity.
- Weighs only 20 kg and 100 mm cutter capacity. Unrivalled weight to cutting capacity ratio.
- 4 speed gearbox. Ideal for a wide selection of cutting operations.
- 250 mm total drill travel. Facility to use 150 mm (6") long cutters.
- Maintenance friendly twin slide rails. No wearing parts and adjustment free operation.

Machine Includes:

- 3 x spoke handles.
- 3 MT industrial arbor with coolant ring, to suit 19 mm shank cutters.
- Cutter adaptor, 19 mm to 1-1/4" shank.
- Safety chain.
- Safety guard.
- Coolant bottle assembly.
- Drill drift.
- 2.5 mm and 5 mm Allen key.
- Plastic carrying case.
- Operators manual.



100 mm cutter capacity



19 mm twist drill capacity with chuck-see page 41



55 mm counter-sinking capability. See page 37 for range of tools



Twin slide rails – maintenance free operation



32 mm 3MT drill capability



Includes robust carry case

SPECIFICATIONS

MODEL	HM100	HM100S
Spindle	MT3	MT3
Arbor Bore	19 mm	19 mm
Weight	20 kg	20 kg
Max Stroke	250 mm	250 mm
Cutter Capacity	100 mm Ø x 6" depth of cut	100 mm Ø x 6" depth of cut
Twist Drill Capacity	19 mm with 2MT Chuck 32 mm with 3MT Twist Drill	19 mm with 2MT Chuck 32 mm with 3MT Twist Drill
Countersink Capacity	55 mm	55 mm
Reaming Capacity	39 mm	39 mm
Motor	1700 W	1700 W
RPM	4Fixed Speeds no load 215/330/460/680 RPM loaded 110/175/245/385 RPM	4Fixed Speeds no load 215/330/460/680 RPM loaded 110/175/245/385 RPM
Swivel Base	n/a	360 Degree
Height min/max	480 / 730 mm	480 / 760 mm
Length x Width	340 x 130 mm	340 x 130 mm
Magnetic Base L x W	212 x 102 mm	212 x 102 mm
Magnet Deadlift	2050 kg on 1" Plate (20100 N)	2050 kg on 1" Plate (20100 N)
Noise Level	< 90dB	< 90dB
Vibration Level	< 2.5 m/s ²	< 2.5 m/s ²
Voltage/ Part no	110 V - DRILL-HM100 240 V - DRILL-HM100/2	110 V - DRILL-HM100S 240 V - DRILL-HM100S/2
Shipping Weight	29 kg	32 kg
Shipping Dimensions	571 x 450 x 250 mm	571 x 450 x 250 mm