MAGBEAST®

JEI Solutions
Built for Industry

HM100

32mm TWIST DRILL CAPACITY

12-100 mm CORE DRILLING

A durable, heavy duty, 3 morse taper drilling machine

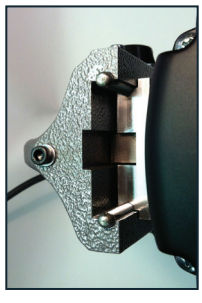




250mm drill travel



Simple operating panel



Maintenance free slide rails



Coolant bottle assembly

See Reverse for other options

Features / Benefits

- **Heavy duty 1800 watt motor**

Enables large cutting capacity

- **Weighs only 20kg and 100mm cutter capacity**

Unrivalled weight to cutting capacity ratio

- **4 Speed gearbox**

Ideal for a wide selection of cutting operations

- **250mm total drill travel**

Facility to use 150mm (6") long cutters

- **Maintenance friendly twin slide rails**

No wearing parts and adjustment free operation

SPECIFICATIONS

MODEL	MAGBEAST HM100
	Metric
Spindle	MT3
Weight	20kg
Max. Stroke	250mm
Cutter Capacity	100mm Ø x 6" depth of cut
Twist Drill Capacity	19mm with 3MT chuck 32mm with 3MT twist drill
Countersink Capacity	55mm
Motor	1800 watts
RPM	4 fixed speeds 110 175 245 385
Height	480mm
Length	340mm
Width	130mm
Magnetic Base Dimensions	102mm x 212mm
Magnet Deadlift	2050kg on 25mm Plate
Noise Level	Does not exceed 90dB
Vibration Level	Does not exceed 2,5m/s2
Voltage	110v or 240v

Approved JEI Distributor:

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MAGBEAST®

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More Options: HM100T & HM100S

32mm TWIST DRILL CAPACITY

12-100 mm CORE DRILLING

Durable, heavy duty 3 morse taper drilling machines with tapping or swivel base options





With all the same features of the HM100* plus added benefits of...

- **Built-in forward / reverse operation**

Ability to tap pre-drilled holes up to M30

With all the same features of the HM100 plus added benefits of...

- **360° Swivel base**

For enhanced drilling precision and increasing versatility

- **Even longer total drill travel - 280mm**

Facility to use 150mm (6") long cutters

TAPPING ACCESSORIES FOR HM100T

Tapping Accessories		Description	
JEITAP224N		3 Morse taper tapping head (non reversing)	
Tapping Collet Part No	**Size**	**Tapping Collet Part No**	**Size**
JEICOLLET8MM	M8	JEICOLLET20MM	M20
JEICOLLET10MM	M10	JEICOLLET22MM	M22
JEICOLLET12MM	M12	JEICOLLET24MM	M24
JEICOLLET14MM	M14	JEICOLLET26MM	M26
JEICOLLET16MM	M16	JEICOLLET28MM	M28
JEICOLLET18MM	M18	JEICOLLET30MM	M30

* Except 4 speed gearbox, the HM100T features a 2 speed variable - see specifications

SPECIFICATIONS

Model	HM100T	HM100S
Spindle	MT3	MT3
Weight	21kg	21kg
Max. Stroke	250mm	280mm
Cutter Capacity	100mm Ø x 6" depth of cut	100mm Ø x 6" depth of cut
Tapping Capacity	M30	n/a
Twist Drill Capacity	19mm with 3MT chuck 32mm with 3MT twist drill	19mm with 3MT chuck 32mm with 3MT twist drill
Countersink Capacity	55mm	55mm
Motor	1800 watts	1800 watts
RPM	2 variable speeds 60-140 200-470	4 fixed speeds 110 175 245 385
Height	480mm	480mm
Length	340mm	360mm
Width	130mm	130mm
Magnetic Base	Fixed	swivel 360 degrees
Magnetic Base Dimensions	102mm x 212mm	102mm x 212mm
Magnet Deadlift (on 25mm plate)	2050kg	2050kg
Noise Level	Does not exceed 90dB	Does not exceed 90dB
Vibration Level	Does not exceed 2,5m/s2	Does not exceed 2,5m/s2
Voltage	110v or 240v	110v or 240v