

**EVOLUTIONSTEEL®**



Industrial Steel Cutting Power Tools & Accessories

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# evolution®

POWER TOOLS



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## BRAND OVERVIEW

With over 20 years in the industrial power tool market, Evolution have established a well-earned reputation and are recognised worldwide as a market leader within the steel and fabrication industry.

## ADVANCED TCT TECHNOLOGY

Evolution are one of the fastest growing power tool brands in the world. Originally making their name in steel dry cutting technology, they have become specialists in this area and Evolution are now renowned for utilising Advanced TCT Technology.

## EVOLUTIONSTEEL®

A range of specialist products dedicated to the steel industry. Heavy duty industrial tools suitable for sustained daily use. Through pioneering dry cutting technology, Evolution Steel products are established as a market leader within the steel industry and enjoy a strong worldwide reputation. Evolution Steel also features the highly regarded Magnetic Drilling Systems.

**Evolution also offer two other power tool ranges:**

### EVOLUTIONBUILD®

Quality professional tools which are innovative and well priced. Aimed at the construction industry and subsidiaries. Suitable for daily use and multipurpose, offering many new applications over normal power tools. There is a full range of blades and accessories available for the respective saws, site machines and tools.

### EVOLUTIONPROJECT™

High performance, innovative tools ideal for the DIY enthusiast. Evolution Project tools offer all the innovation and versatility which is synonymous with Evolution and at a competitive price point. Aimed directly at the home user who demands a quality product.


**EVOLUTION  
12 MONTH  
GUARANTEE**
**QUALITY AND GUARANTEE**

All Evolution products are manufactured to exacting standards and subjected to rigorous inspection and testing procedures ensuring a power tool which you can depend on. Testimony to this is the 12 month warranty which covers all Evolution's Tools.

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# EVO355 RAPTOR CUT OFF SAW

## 355mm TCT STEEL CUT OFF SAW

**THIS INCREDIBLE CUT OFF SAW SLICES THROUGH MILD STEEL WITH EASE, PRODUCING NO HEAT OR BURR, LEAVING AN INSTANTLY WORKABLE FINISH.**

This superb Cut Off Saw cuts through mild steel without heat, burrs or coolant. Utilising a powerful 2200-watt motor, the Raptor can handle even the most demanding on-site jobs.

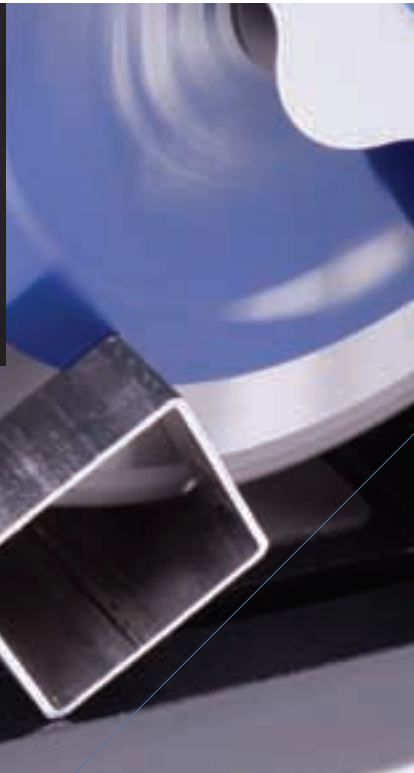
The Raptor slices its way through mild steel with ease; the cut is extremely quick and clean. The cutting capacity is generous too - 120mm x 120mm in steel box section with a 6mm wall thickness.

This no-nonsense machine is economical in its performance as well, typically an EVO355 Raptor blade

averages a jaw-dropping 800 cuts in 50mm x 50mm mild steel with a wall thickness of 3mm.

The EVO355 Raptor will also cut aluminium and stainless steel with the designated, specialist blade.

**The amazing Raptor is a true powerhouse and gives the end-user tremendous accuracy and consistency when it comes to cutting steel on a production basis.**



Powerful 2200W Motor

Heavy Duty, Industrially Rated

355mm (14") Blade Capacity

High Quality Construction

12 Months Warranty

Fast Action Swivel Work Clamp  
For Angled Cuts From 0-45°

Work Clamp Provides Strong  
Support For Work Piece



**ULTRA HIGH  
GRADE CARBIDE**  
ADVANCED  
PERFORMANCE  
TCT SAW BLADES



**RAPTOR INCLUDES GUARD,  
JIG PLATE, 8mm HEX WRENCH,  
6mm HEX WRENCH, GOGGLES**



**RAPTOR SAW ATTRIBUTES:**

- Will cut through mild steel with ease, producing no burr and virtually no sparks.
- Instantly workable finish.
- Maximum box cutting capacity 120mm x 120mm (6mm wall thickness).
- Long life blade averages 1000 cuts of 50mm x 50mm in mild steel (3mm wall thickness).
- Faster and cleaner cuts than an abrasive wheel.
- Will also cut aluminium and stainless steel with the correct, optional blade.

**TECHNICAL SPECIFICATIONS:**

Motor (230v or 115v 50/60 Hz)	2200W
RPM No Load	1450 min -1
Recommended Maximum Duty Cycle	30 mins
Sound Pressure Level (Under Load)	112.4 dB(A)
Weight	23.0 Kg
Maximum Dimensions (HxWxL)	575 x 355 x 600mm
Maximum Box Cut Capacity 90° (6mm Wall - Square)	120 x 120mm
Maximum Box Cut Capacity 90° (6mm Wall - Rectangle)	95 x 180mm
Maximum Box Cut Capacity 90° (6mm Wall - Round)	130mm
Maximum Box Cut Capacity 45° (6mm Wall - Square)	89 x 89mm
Maximum Box Cut Capacity 45° (6mm Wall - Rectangle)	78 x 110mm
Maximum Box Cut Capacity 45° (6mm Wall - Round)	105mm

**BLADE SPECIFICATIONS:**

Maximum Diameter	355mm	Maximum Thickness	2mm
Bore Diameter	25.4mm		



**Standard Steel Blade**

- 355mm / 6T / 25.4mm Bore
- For Cutting Through Mild Steel  
(Supplied With Saw)



**Stainless Steel Blade**

- 355mm / 90T / 25.4mm Bore
- For Cutting Through Stainless Steel  
(Optional Accessory)



**Aluminium Blade**

- 355mm / 80T / 25.4mm Bore
- For Cutting Through Aluminium  
(Optional Accessory)

# EVO180 STEEL SAW

180mm (7") TCT Blade Capacity

Heavy Duty, Industrially Rated

High Quality Construction

Powerful 1200W Motor

Auto-Chip Collection

12 Months Warranty



ULTRA HIGH  
GRADE CARBIDE  
ADVANCED  
PERFORMANCE  
TCT SAW BLADES



**EVO180 INCLUDES** SIDE HANDLE,  
FENCE GUIDE, GOGGLES, EAR PLUGS,  
HEX KEY & CARRY CASE

## 180mm TCT STEEL CUTTING CIRCULAR SAW

**THIS SUPERB INDUSTRIAL CIRCULAR SAW IS TREMENDOUS VALUE FOR MONEY, PROVIDING A HIGH PERFORMANCE THROUGH TOUGH APPLICATIONS.**

The EVO180 paved the way for TCT Steel Cutting Circular Saws and this ground breaking machine is still classed as the standard in Steel Cutting technology. With a high power 1200-watt motor and generous 55mm depth of cut, this well-established circular saw is an incredible machine.

The EVO180 will cut mild steel quickly and cleanly, without heat, burrs or coolant. With the correct specialist blade attached, this saw will also cut stainless steel, aluminium and wood making it incredibly versatile. Its compact dimensions and light weight make it ideal for use either on or off site.



### EVO180 SAW ATTRIBUTES:

- Will cut mild steel without heat, burrs or coolant.
- Quick, clean cut through mild steel.
- Will also cut aluminium, stainless steel & wood with the correct blade attached.
- Maximum depth of cut 55mm.
- Compact and portable.

### TECHNICAL SPECIFICATIONS:

Motor (230v or 115v 50/60 Hz)	1,200W
Maximum Box Cutting Capacity (3mm Wall)	55mm
Maximum Cutting Thickness (Solid Steel Plate)	8mm
RPM No Load	3500 min <sup>-1</sup>
Recommended Maximum Duty Cycle	30 mins
Sound Pressure Level (Under Load)	98.5 dB(A)
Vibration Level (Under Load)	2.3 m/s <sup>2</sup>
Weight	7 Kg
Maximum Dimensions (HxWxD)	300 x 395 x 440mm

### BLADE SPECIFICATIONS:

Diameter	180mm	Kerf Thickness	2mm
Bore	20mm		



**Standard Steel Blade**  
• 180mm / 8ET / 20mm Bore  
• For Cutting Through MM Steel  
(Supplied With Saw)



**Stainless Steel Blade**  
• 180mm / 8ET / 20mm Bore  
• For Cutting Through Stainless Steel  
(Optional Accessory)



**Aluminium Blade**  
• 180mm / 8ET / 20mm Bore  
• For Cutting Through Aluminium  
(Optional Accessory)



**Wood Blade**  
• 180mm / 30T / 20mm Bore  
• For Cutting Through Wood  
(Optional Accessory)

# EVO180X STEEL SAW

180mm (7") Diameter TCT Blade

Heavy Duty, Industrially Rated

Bevel Cutting Facility (0- 45°)

High Quality Construction

Powerful 1500W Motor

12 Months Warranty

Laser Guide



ULTRA HIGH  
GRADE CARBIDE  
ADVANCED  
PERFORMANCE  
TCT SAW BLADES



**EVO180X INCLUDES**  
SIDE HANDLE, FENCE GUIDE,  
GOGGLES, EAR PLUGS,  
HEX KEY & CARRY CASE

## 180mm TCT STEEL CUTTING CIRCULAR SAW

THE EVO180X IS A TOUGH, ROBUST MACHINE YET STILL COMPACT AND PORTABLE; EASILY TRANSPORTED ON OR OFF SITE IN ITS SUPPLIED CARRY CASE.

The incredible EVO180X builds on the phenomenal EVO180, incorporating even more revolutionary technology. With its 180mm TCT blade, high power 1500-watt motor and extra features such as a laser guide and bevel cutting, it takes steel cutting to a whole new level.

With a maximum cutting capacity of 60mm in 8mm steel plate, this industrious wonder can cope with the tough applications. The blade is of a high quality too, typically it will cut up to 80m of 6mm steel plate.



### EVO180X SAW ATTRIBUTES:

- Cuts through mild steel without heat, burrs or coolant.
- The cut through mild steel is quick and clean.
- Will also cut aluminium, stainless steel and wood with the correct blade attached.
- Maximum cutting capacity (90°) 60mm.
- Maximum cutting capacity (45°) 38mm.

### TECHNICAL SPECIFICATIONS:

Motor (230v or 115v 50/60 Hz)	1,500W
Maximum Box Cutting Capacity (4mm Wall 90°)	60mm
Maximum Box Cutting Capacity (4mm Wall 45°)	38mm
Maximum Cutting Thickness (Solid Steel Plate)	8mm
RPM No Load	3500 min -1
Recommended Maximum Duty Cycle	30 mins
Sound Pressure Level (Under Load) 110V	111.4 dB(A)
Vibration Level (Under Load)	2.87 m/s <sup>2</sup>
Weight	7.5 Kg
Maximum Dimensions (HxWxD)	328 x 390 x 425mm

### BLADE SPECIFICATIONS:

Diameter	180mm	Kerf Thickness	2mm
Bore	20mm		



**Standard Steel Blade**  
• 180mm / 8ET / 20mm Bore  
• For Cutting Through MM Steel  
(Supplied With Saw)



**Stainless Steel Blade**  
• 180mm / 8ET / 20mm Bore  
• For Cutting Through Stainless Steel  
(Optional Accessory)



**Aluminium Blade**  
• 180mm / 8ET / 20mm Bore  
• For Cutting Through Aluminium  
(Optional Accessory)



**Wood Blade**  
• 180mm / 30T / 20mm Bore  
• For Cutting Through Wood  
(Optional Accessory)



# EVO230-HDX STEEL SAW

## 230mm TCT STEEL CUTTING CIRCULAR SAW

THIS POWERFUL STEEL CUTTING CIRCULAR SAW SHOWS NO COMPROMISE WHEN TACKLING EVEN THE MOST DEMANDING OF TASKS.

The EVO230-HDX displays incredible cutting capabilities through tough applications. The powerful 1750-watt motor allows this machine to breeze through mild steel without heat build-up, burrs or the use of coolant.

Features include a useful laser guide to assist with accurate cutting and bevel tilt, enhancing the versatility of the saw.

The maximum depth of cut is an amazing 84mm, whilst offering a cutting capacity of 12mm plate thickness. This robust, heavy-duty machine shows

no compromise when slicing through the toughest of applications and it is economical in its performance too; typically a long-life blade cuts up to 80m of 6mm steel plate.

This superb machine is also capable of cutting through aluminium, stainless steel and wood with the designated, specialist blade attached.

**The EVO230-HDX really does take steel cutting to the next level – powerful and strong yet compact and portable. Perfect for use in an industrial environment.**

12 Months Warranty

Powerful 1750W Motor

230mm (9") TCT Blade Capacity

Laser Guidance &amp; Bevel Cutting

High Quality Construction

Can Handle The  
Toughest Applications

**ULTRA HIGH  
GRADE CARBIDE**  
ADVANCED  
PERFORMANCE  
TCT SAW BLADES



**EVO230-HDX INCLUDES**  
SIDE HANDLE, FENCE GUIDE,  
GOGGLES, EAR PLUGS, BATTERIES,  
SPANNER & CARRY CASE

#### EVO230-HDX CIRCULAR SAW ATTRIBUTES:

- Designed to cut mild steel with no heat, burrs or coolant.
- Quick and clean cut through mild steel.
- Will cut aluminium, stainless steel & wood with the designated, specialist blade attached.

- Maximum depth of cut (90°) 84mm.
- Maximum depth of cut (45°) 53mm.
- Cutting capacity 12mm plate thickness.
- Long life blade cuts up to 80m of 6mm steel plate.
- Compact & portable.

#### TECHNICAL SPECIFICATIONS:

Motor (230v or 115v 50/60 Hz)	1,750W
Maximum Box Cutting Capacity (6mm Wall 90°)	84mm
Maximum Box Cutting Capacity (6mm Wall 45°)	53mm
Maximum Cutting Thickness (Mild Steel Plate)	12mm
RPM No Load	2700 min <sup>-1</sup>
Recommended Maximum Duty Cycle	30 mins
Sound Pressure Level (Under Load)	108.7 dB(A)
Vibration Level (Under Load)	3.9 m/s <sup>2</sup>
Weight	9.0 Kg
Maximum Dimensions (HxWxL)	370 x 400 x 500mm

#### BLADE SPECIFICATIONS:

Diameter	230mm	Kerf Thickness	2mm
Bore	25.4mm		



#### Standard Steel Blade

- 230mm / 48T / 25.4mm Bore
- For Cutting Through Mild Steel (Supplied with Saw)



#### Stainless Steel Blade

- 230mm / 60T / 25.4mm Bore
- For Cutting Through Stainless Steel (Optional Accessory)



#### Aluminium Blade

- 230mm / 80T / 25.4mm Bore
- For Cutting Through Aluminium (Optional Accessory)



#### Wood Blade

- 230mm / 40T / 25.4mm Bore
- For Cutting Through Wood (Optional Accessory)



# TCT BLADE RANGE

## EVOLUTION STEEL SAW BLADES

**THE ULTIMATE IN QUALITY AND DURABILITY, EVOLUTION BLADES ARE DESIGNED FOR EVOLUTION STEEL CUTTING SAWS.**

A wide range of blade types are available to suit most applications. Evolution also offer a number of popular sizes in each blade. There are four different types of blade available; steel, stainless steel, aluminium and wood, which are available in several diameters.

**Detailed below is the current range of Evolution Power Tools blades :**

Dia.	Teeth	Bore	Application	Colour
180mm / 7"	36T	20mm	Steel	●
180mm / 7"	54T	20mm	Aluminium	●
180mm / 7"	48T	20mm	Stainless Steel	●
180mm / 7"	30T	20mm	Wood	●
230mm / 9"	48T	25.4mm (1")	Steel	●
230mm / 9"	80T	25.4mm (1")	Aluminium	●
230mm / 9"	60T	25.4mm (1")	Stainless Steel	●
230mm / 9"	36T	25.4mm (1")	Wood	●
305mm / 12"	60T	25.4mm (1")	Steel	●
355mm / 14"	66T	25.4mm (1")	Steel	●
355mm / 14"	80T	25.4mm (1")	Aluminium	●
355mm / 14"	90T	25.4mm (1")	Stainless Steel	●



# CYCLONE

## SWARF COLLECTOR

**FABRICATING IN STEEL IS A MESSY BUSINESS, EVOLUTION HAVE THE PERFECT TOOL TO QUICKLY CLEAN UP YOUR METAL SHAVINGS AND SCRAP PIECES.**

Simply wave the Magnetic Swarf Collector over the metal shavings to pick them up, carry them over to your scrap barrel, pull the plunger and the shavings are neatly deposited.

The Cyclone's magnet is strong enough to quickly clean up your biggest mess of metal shavings.

THE CYCLONE'S MAGNET IS STRONG ENOUGH TO **QUICKLY CLEAN UP** THE BIGGEST MESS OF METAL SHAVINGS.



# CYCLONE 2

## MAGNETIC FLOOR SWEEPER

**PERFECT FOR WORKSHOPS, GARAGES, DRIVEWAYS AND YARDS.**

In addition to the Cyclone Magnetic Swarf Collector, Evolution also offer this superb Magnetic Floor Sweeper. Simply sweep over ferrous metal debris, then slide the collar to neatly deposit the waste.

This ensures that awkward metal objects are easily cleared, often missed by a conventional brush, especially on uneven surfaces.

SIMPLY SLIDE THE COLLAR TO **NEATLY DEPOSIT** YOUR WASTE.





# ME3500 MAG DRILL

## ME3500 MAGNETIC DRILLING SYSTEM

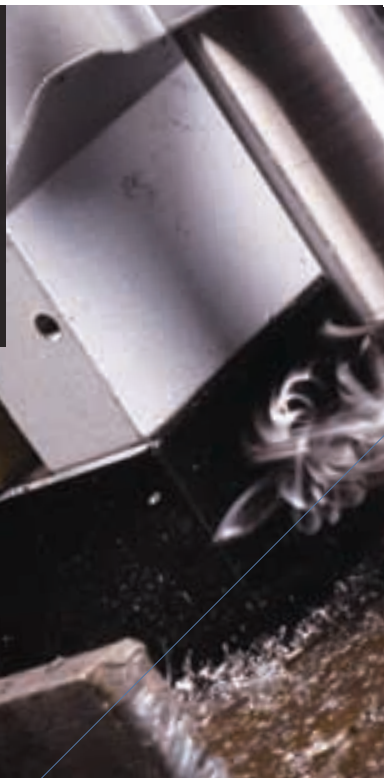
THE SUPERB ME3500 MAGNETIC DRILLING SYSTEM MAY BE SMALL BUT FEATURES A HI-TORQUE 1200W MOTOR, 35mm CUTTER CAPACITY AND HIGH MAGNETIC ADHESION, MAKING IT IDEAL FOR THOSE LIGHTER DUTY JOBS BOTH ON AND OFF SITE.

This amazing Magnetic Drill is deceptive in its capabilities, although small in size it revels in heavy-duty industrial work. Featuring a powerful 1200-watt motor, gravity oil feed and high magnetic adhesion this Magnetic Drill is unmatched in price related performance.

It is the perfect companion either on or off site and is compact enough to make it a highly transportable machine.

Covering popular cutter sizes ranging from 12mm to 35mm diameters with a maximum cutting depth of 50mm, the ME3500 is incredibly versatile; even more so when you consider that with the optional chuck fitted, twist drills can be used up to 13mm.

**The ME3500 is a cost-effective addition to any industrial workshop; versatile, accurate and portable with a high quality performance.**



Weight 12.7 Kg

12 Months Warranty

1200W Hi-Torque Motor

High Quality Construction

Optional Chuck & Key  
Twist Drill Capacity - 13mm

Integrated Coolant System

Magnetic Adhesion 1500 Kg



**ME3500 INCLUDES**

- CHAIN
- OIL TANK
- GUARD
- 2.5mm HEX KEY
- 8mm HEX KEY
- HANDLES
- BUTTERFLY SCREWS
- SPRING WASHERS
- QUICK RELEASE OIL PIPE
- CARRY CASE



#### ME3500 ATTRIBUTES:

- Cutting capacity ranging from 12mm to 35mm.
- Cutters available in 25mm and 50mm depths.
- Heavy-duty magnetic adhesion.
- Gravity oil feed.
- Strong and durable

#### TECHNICAL SPECIFICATIONS:

Motor (230v or 115v 50/60 Hz)	1,200W
Maximum Cutter Diameter	35mm
Maximum Cutting Depth	50mm
RPM No Load Speed 1	550 min-1
Recommended Maximum Duty Cycle	30 mins
Sound Pressure Level (Under Load)	90 dB(A)
Weight	12.7 Kg
Maximum Dimensions Rack Fully Raised (HxWxD)	468 x 260 x 300mm
Maximum Dimensions Rack Fully Lowered (HxWxD)	383 x 220 x 285mm
Magnet Dimensions (HxWxD)	48 x 80 x 164mm
Magnetic Adhesion	1500 Kg
Cutter Retainer Internal Diameter	19mm Weldon Shank



## CUTTER KITS

### 3 Piece 25mm Cutter Kit

Includes 14, 18, 22mm Cutter Diameters & Pilot Pin.  
(Optional Accessory)

### 6 Piece 25mm Cutter Kit

Includes 12, 14, 16, 18, 20, 22mm Cutter Diameters & Pilot Pin.  
(Optional Accessory)

# ME5000 MAG DRILL

Hi-Torque 1200W Motor

Integrated Coolant System

Optional Chuck And Key  
Twist Drill Capacity 13mm

Strong & Durable

Weight 13.8Kg

**ME5000/2 INCLUDES :** OIL TANK, QUICK RELEASE OIL PIPE, GUARD, 2.5mm HEX KEY, 8mm HEX KEY, HANDLES, BUTTERFLY SCREWS, SPRING WASHERS, CHAIN & CARRY CASE



## MAGNETIC DRILL

**THIS FANTASTIC TOOL IS IDEALLY SUITED TO THOSE LARGER ON SITE JOBS AS WELL AS THE EVERYDAY JOBS IN THE WORKSHOP.**

The ME5000 is the middle of the Evolution range of Magnetic Drilling Systems. With a 50mm cutting capacity this powerful 1200-watt machine is ideally suited to those larger jobs on-site, as well as the everyday workshop jobs.

**This superb Magnetic Drill is compact and easily transportable but strength, durability and performance are not compromised.**



### CUTTER KITS

#### 3 Piece 25mm Cutter Kit

Includes 14, 18, 22mm  
Cutter Diameters & Pilot Pins  
(Optional Accessory)

#### 6 Piece 25mm Cutter Kit

Includes 12, 14, 16, 18, 20, 22mm  
Cutter Diameters & Pilot Pins  
(Optional Accessory)

### ME5000 ATTRIBUTES:

- Strong and durable, yet compact and portable.
- Maximum cutting depth 50mm.
- 50mm diameter cutting capacity.
- Heavy-duty magnetic adhesion.
- Cutters available in 25mm and 50mm depths.

### TECHNICAL SPECIFICATIONS:

Motor (230v or 115v 50/60 Hz)	1,200W
Maximum Cutter Diameter	50mm
Maximum Cutting Depth	50mm
RPM No Load Speed 1	550 min <sup>-1</sup>
Recommended Maximum Duty Cycle	30 mins
Sound Pressure Level (Under Load)	90 dB(A)
Weight	13.8 Kg
Maximum Dimensions Rack Fully Raised (HxWxD)	494 x 260 x 300mm
Maximum Dimensions Rack Fully Lowered (HxWxD)	398 x 215 x 295mm
Magnet Dimensions (HxWxD)	48 x 80 x 177mm
Magnetic Adhesion	1500 Kg
Cutter Retainer Internal Diameter	19mm Weldon Shank

# ME5000/2 MAG DRILL

Hi-Torque 1800W Motor

Integrated Coolant System

Two Speed Mechanical Gearbox

Optional Chuck And Key  
Twist Drill Capacity 16mm

Weight 21.8Kg

**ME5000/2 INCLUDES :** OIL TANK, QUICK RELEASE OIL PIPE, GUARD, 2.5mm HEX KEY, 8mm HEX KEY, HANDLES, BUTTERFLY SCREWS, SPRING WASHERS, CHAIN & CARRY CASE



## MAGNETIC DRILL

**THE AMAZING ME5000/2 EXTENDS THE CAPABILITIES OF THE EVOLUTION MAGNETIC DRILLING SYSTEM RANGE.**

The ME5000/2 offers a useful maximum cutting capacity of 50mm, which is more than adequate for most site applications. The depth of cut is an incredible 75mm with a two speed mechanical gearbox to optimise the cutters efficiency.

**This machine is strong and durable, as well being compact and portable making it easy to carry and position in confined spaces, ideal for site use.**



### CUTTER KITS

#### 3 Piece 25mm Cutter Kit

Includes 14, 18, 22mm  
Cutter Diameters & Pilot Pins  
(Optional Accessory)

#### 6 Piece 25mm Cutter Kit

Includes 12, 14, 16, 18, 20, 22mm  
Cutter Diameters & Pilot Pins  
(Optional Accessory)

### ME5000/2 ATTRIBUTES:

- Strong and durable yet compact and portable.
- Incredible depth of cut 75mm.
- 50mm cutting capacity.
- Heavy-duty magnetic adhesion.
- Cutters available in 25mm and 50mm depths.

### TECHNICAL SPECIFICATIONS:

Motor (230v or 115v 50/60 Hz)	1,800W
Maximum Cutter Diameter	50mm
Maximum Cutting Depth	75mm
RPM No Load Speed 1	380 min <sup>-1</sup>
RPM No Load Speed 2	500 min <sup>-1</sup>
Recommended Maximum Duty Cycle	30 mins
Sound Pressure Level (Under Load)	104 dB(A)
Weight	21.8 Kg
Maximum Dimensions Rack Fully Raised (HxWxD)	611 x 290 x 310mm
Maximum Dimensions Rack Fully Lowered (HxWxD)	508 x 245 x 300mm
Magnet Dimensions (HxWxD)	93 x 65 x 199mm
Magnetic Adhesion	2000 Kg
Cutter Retainer Internal Diameter	19mm Weldon Shank



# ME7500 MAG DRILL

## ME7500 MAGNETIC DRILLING SYSTEM

**SITTING AT THE TOP OF THE EVOLUTION RANGE OF MAGNETIC DRILLS, THE ME7500 IS THE PERFECT SOLUTION TO THOSE HEAVY-GAUGE PRODUCTION JOBS THAT JUST HAVE TO BE DONE ON TIME.**

This Magnetic Drilling System is a real workhorse, with its powerful 1800-watt motor, integrated cooling system and huge 75mm cutting capacity; it is ideally suited to those heavy-gauge production run jobs that just have to be done on time.

The ME7500 utilises a 4 speed and reverse mechanical gearbox making it incredibly versatile. It also accepts No.3 Morse Taper twist drills and tapping reamers for even more flexibility.

Cutters range from 12mm to an impressive 75mm, covering all of the popular sizes.

**This colossal Magnetic Drill is extremely robust with strong magnetic adhesion and at the same time, still portable enough to take on and off site.**



Powerful 1800W Motor

Integrated Coolant System

Twist Drill Capacity 32mm

Strong Magnet Adhesion 2250 Kg

Weight 24.6 Kg



**ME7500 INCLUDES**  
 OIL TANK  
 QUICK RELEASE OIL PIPE  
 GUARD  
 2.5mm HEX KEY  
 8mm HEX KEY  
 HANDLES  
 BUTTERFLY SCREWS  
 SPRING WASHERS  
 CHAIN  
 DRIFT  
 CARRY CASE

#### ME7500 ATTRIBUTES:

- Strong and durable.
- Maximum cutting depth 75mm.
- Cutters range from 12 to 75mm.
- 75mm diameter cutting capacity.
- Cutters available in 25mm and 50mm depths.

#### TECHNICAL SPECIFICATIONS:

Motor (230v or 115v 50/60 Hz)	1,800W
Maximum Cutter Diameter	75mm
Maximum Cutting Depth	50mm
Maximum Drill Diameter (Morse Taper No.3)	32mm
Maximum Tap Diameter	24mm
RPM No Load Speed 1	210 min -1
RPM No Load Speed 2	270 min -1
RPM No Load Speed 3	410 min -1
RPM No Load Speed 4	530 min -1
Recommended Maximum Duty Cycle	30 mins
Sound Pressure Level (Under Load)	104 dB(A)
Weight	24.6 Kg
Maximum Dimensions Rack Fully Raised (HxWxD)	618 x 290 x 330mm
Maximum Dimensions Rack Fully Lowered (HxWxD)	526 x 240 x 320mm
Magnet Dimensions (HxWxD)	100 x 65 x 199mm
Magnetic Adhesion	2250 Kg
Cutter Retainer Internal Diameter	19mm Weldon Shank



## CUTTER KITS

### 3 Piece 25mm Cutter Kit

Includes 14, 18, 22mm Cutter Diameters & Pilot Pin.  
 (Optional Accessory)

### 6 Piece 25mm Cutter Kit

Includes 12, 14, 16, 18, 20, 22mm Cutter Diameters & Pilot Pin.  
 (Optional Accessory)



# CYCLONE CUTTERS

CYCLONE CUTTERS ARE GUARANTEED TO OUTPERFORM ANNULAR CUTTERS MADE OUT OF HSS, COBALT, OR TINI COATED CUTTERS.

## SHORT SERIES

### 25mm LENGTH

Part No.	Cutter Dia.
HT12S	12mm
HT13S	13mm
HT14S	14mm
HT15S	15mm
HT16S	16mm
HT17S	17mm
HT18S	18mm
HT19S	19mm
HT20S	20mm
HT21S	21mm
HT22S	22mm
HT23S	23mm
HT24S	24mm
HT25S	25mm
HT26S	26mm
HT27S	27mm
HT28S	28mm
HT29S	29mm
HT30S	30mm
HT31S	31mm
HT32S	32mm
HT33S	33mm
HT34S	34mm
HT35S	35mm

## SPILOT

Pilot pin for 25mm Cutters.

## LONG SERIES

### 50mm LENGTH

Part No.	Cutter Dia.
HT12L	12mm
HT13L	13mm
HT14L	14mm
HT15L	15mm
HT16L	16mm
HT17L	17mm
HT18L	18mm
HT19L	19mm
HT20L	20mm
HT21L	21mm
HT22L	22mm
HT23L	23mm
HT24L	24mm
HT25L	25mm
HT26L	26mm
HT27L	27mm
HT28L	28mm
HT29L	29mm
HT30L	30mm
HT31L	31mm
HT32L	32mm
HT33L	33mm
HT34L	34mm
HT35L	35mm

## LPILOT

Pilot pin for 50mm Cutters.



## SHORT SERIES - 3 PIECE

### 25mm CUTTER SET

Includes 14, 18 & 22mm Cutters, Pilot Pin & Case.



## SHORT SERIES - 6 PIECE

### 25mm CUTTER SET

Includes 12, 14, 16, 18, 20 & 22mm Cutters, Pilot Pin & Case.



## LONG SERIES - 6 PIECE

### 50mm CUTTER SET

Includes 12, 14, 16, 18, 20 & 22mm Cutters, Pilot Pin & Case.

# MAGNETIC DRILLING ACCESSORIES

## ME3500 & ME5000 ACCESSORIES



**HTA153** Chuck & Key 1/2"



**HTA45** Chuck Adaptor V1



**HTA46** Chuck Adaptor V2 Quick Release



**HTA030** Countersink 0 - 30mm

## ME5000/2 ACCESSORIES



**HTA51** Chuck & Key 5/8"



**HTA46** Chuck Adaptor V2 Quick Release



**HTA57** Countersink 0 - 50mm

## CUTTING FLUID FOR MAGNETIC DRILLS

**FLUID** 5L Cutting Fluid for all Magnetic Drilling Systems

**FLUID2** 500ml Cutting Fluid for all Magnetic Drilling Systems

## ME7500 ACCESSORIES



**HTA54** Chuck & Key 5/8"



**HTA53** Chuck Arbor



**HTA57** Countersink 0 - 50mm



**HTAM24** Tapping Chuck



**HTACOLL** Tapping Collet

## GENERAL ACCESSORIES



**HTA210** No 2M/T Arbor Adaptor\*



**HTA310** No 3M/T Arbor Adaptor\*

*\* Pillar Drill Arbor Adaptors in Both 2M/T & 3M/T*

## BACKPACK FOR ME3500 ONLY



PRODUCT RANGE:



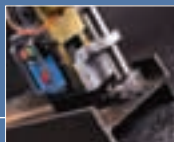
*EVO355*  
RAPTOR TCT  
STEEL CUT  
OFF SAW



*EVO230-HDX*  
TCT STEEL  
CUTTING  
SAW



*BLADES*  
ADVANCED  
PERFORMANCE  
TCT SAW BLADES



*ME3500*  
MAGNETIC  
DRILL



*CYCLONE CUTTERS*  
PERFORMANCE  
& QUALITY

Technical helpline:  
0870 609 2297