

EUROBOOR

FOR PROFESSIONALS BY PROFESSIONALS

2013



SensorTec



ThermoTec



SmartTec



Smart Safety

INDUSTRIAL PORTABLE TOOLS

EBM.360 **LOADED** **WITH POWER**

CORDLESS FOR OPTIMUM PERFORMANCE

THE EBM.360: CORDLESS FOR OPTIMUM PERFORMANCE

The new standard among battery-powered drills

Are you looking for a battery powered magnetic drilling machine? There is only one real choice. No battery powered magnetic drilling machine in the world is as smart as the EBM.360, which combines safety, freedom of movement and power into a single fantastic package.



NEW STANDARD **IN POWER**

The powerful EBM.360 37 V/7 Ah Lithium-Ion battery powered magnetic drilling machine is part of the newest generation of core drills by Euroboor. This machine's unique feature is that both the motor and the electromagnet are powered by the same energy source. This is without making any concessions when it comes to the power and functionality that you have come to expect from Euroboor core drills. Depending on diameter, the type of material, and the manner in which the material is drilled, this battery powered magnetic drilling machine can be used to drill between 16 and 110 holes (diameters of 12 - 36 mm / $7/16''$ - $1-3/8''$) on a full battery. The 4-pole motor has high torque and a capacity of 500 rpm. The magnetic force of the EBM.360 is 1700 kg/3750 lbs.



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NEW STANDARD **IN SAFETY**

A cordless core drill is certainly useful, but what if the battery runs out? If this were to happen, you would definitely not want the machine to lose or release its magnetic force - just think of all the conceivable consequences that this would entail. The EBM.360 is fitted with a unique sensor technology, thereby making work significantly safer for users and bystanders.

- The motor will not start without sufficient magnetic force
- The remaining capacity of the battery is displayed via LED indicators. If the capacity of the battery falls to a specific level, the motor will automatically switch off, leaving the machine with enough magnetic force for it to be safely retrieved from the item being worked on

NEW STANDARD IN FREEDOM **OF MOVEMENT**

The EBM.360 guarantees that you will always have unlimited freedom of movement, wherever you work. This is partially thanks to its cordless nature, and is augmented by the ergonomically sound and compact design of the machine, which means that the EBM.360 is surprisingly light.

EBM.360: CORDLESS FOR OPTIMUM PERFORMANCE

- Unique technology; motor and electromagnet are powered by the same source
- Total freedom of movement and mobility
- No concessions when it comes to power and functionality
- Fully integrated safety system



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EBM.360

SENSORS/ICONS

- **SensorTec** : magnetic force sensor
- **ThermoTec** : temperature sensor
- **SmartTec** : self-adjusting sensor
- **Smart Safety** : self-adjusting safety



- Unique technology
- Integrated safety system
- Smart battery
- Cordless for total freedom of movement
- Optimum price/quality ratio

EBM.360 BATTERY CHARGER



TECHNICAL DATA

- 9A charging current
- CC & CV* label information: quick charger and battery charger all-in-one
- 0-80% in 20 minutes
- 80-100% in 70 minutes
- LEDs indicate the charge status of the battery
- 120/230 V AC - 50-60 Hz
- Integrated cooling fan
- Contacts protected via sliding system
- Comes in a handy case

* CC = quick charge (constant current)
CV = gradual charge (constant voltage)



5

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EBM.360

MAGNET MOTOR

Made by EUROBOOR - Holland

TECHNICAL DATA	METRIC	IMPERIAL
• Annular cutters	∅ 12 - 36 mm	∅ 7/16" - 1-3/8"
• Twist drills	∅ 1 - 13 mm	∅ 1/16" - 1/2"
• Maximum drill depth	55 mm	2-3/16"
• Length	297 mm	11-11/16"
• Width	112 mm	4-13/32"
• Height	420 - 610 mm	16-3/8" - 24"
• Stroke	230 mm	9-1/16"
• Weight incl. battery	15 kg	31 lbs
• Magnet	160 x 80 x 42 mm	6-5/16" x 3-1/4" x 1-11/16"
• Magnetic force	1700 kg	3750 lbs
• Battery capacity	37 V/7 Ah Li-Ion	37 V/7 Ah Li-Ion
• Charging time	90 minutes	90 minutes
• RPM (idle)	506 min ⁻¹	506 min ⁻¹
• RPM (in use)	375 min ⁻¹	375 min ⁻¹
• Spindle	19.05 mm Weldon	3/4" Weldon
• Battery charger	120/230 V AC	120/230 V AC



1 HANDLE

- Keeps the machine balanced when being moved
- Solid



2 ROTATING ARM

- High positioning for optimum operation and maximum stroke
- Depth indicator
- Fully chrome



3 SPINDLE AND SHAFT GUIDE

- Solid spindle
- Self-lubricating bearing bush
- Integrated cooling ring
- Universal Weldon adapter:
Core drilling: ∅ 12 - 36 mm / ∅ 7/16" - 1-3/8"
Spiral drilling: ∅ 1 - 13 mm / ∅ 1/16" - 1/2"



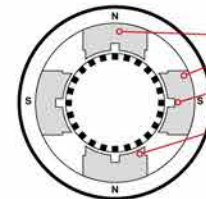
4 PANEL

- Clear and simple control panel
- Easy to operate
- Acoustic and visual safety signal
- Multicolour LEDs (white button)



5 MOTOR

- Powerful 4-pole motor
- Low noise
- Slow start function
- High torque
- Temperature protection



- Shaded pole
- Split
- Copper wire, one turn



6 ELECTROMAGNET

- Integrated magnet sensor
- Magnetic force: 1700 kg/3750 lbs
- Special dual coil wrap technology
- Compact dimensions:
160 x 80 x 42 mm / 6-5/16" x 3-1/4"



7 BATTERY

- Lithium-Ion
- 37 V/7 Ah
- LED capacity indicator
- Protection: prevents charge from falling below certain level
- Rubber coating for improved grip
- Easy to replace



- 4 robust contact points made of beryllium copper with nickel coating for optimum conduction of current
- Contact point protection

- 1 PACKAGE - 2 CASES**
- **EBM.360 BATTERY POWERED MAGNETIC DRILLING MACHINE**
 - + 1 BATTERY CHARGER
 - + 1 BATTERY

BATTERY CHARGER (CAN BE ORDERED SEPARATELY)

• ITEM NO 360.0500

• ITEM NO. EBM.360

Space
for extra
battery



BATTERY (CAN BE ORDERED SEPARATELY)

• ITEM NO 360.0001

FURTHER INFORMATION

If you would like to know more about this product or other items in our range, please visit www.euroboor.com or call our sales department on +31 (0)79 361 49 90.

YOUR EUROBOOR DEALER



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