



**EUROBOOR**

FOR PROFESSIONALS BY PROFESSIONALS

**We know  
the drill**



Magnetic drilling machines

Annular Cutters up to 200mm (8")

Accessories

[www.euroboor.com](http://www.euroboor.com)

# Our mission

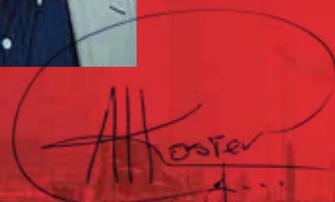
At Euroboor it is our mission to exceed client expectations by constantly innovating our products. We also make sure we provide our employees with a dynamic and transparent work environment, where they can operate from core values such as respect, integrity, openness, passion and drive.

Our machines are considered to be the market standard in quality, reliability, efficiency and accuracy. It is our goal to exceed our customer's expectations for working with Euroboor tools. In all our companies you'll meet employees who will welcome you with an open mind and who are willing to make an extra effort to ensure your customer's journey is a pleasant one. The growing number of satisfied customers is our reward.

**It's all about making the customer happy 😊**



Albert Koster  
CEO



This catalog is for those interested in our company. For more information contact us by email or phone.

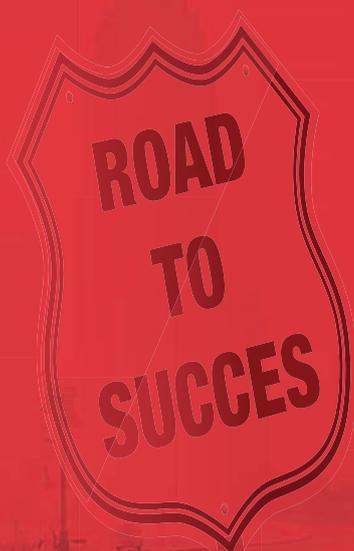
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**EUROBOOR**

ISO9001 certified company

# Table of contents



**Head office**  
**The Netherlands**  
 Kryptonstraat 110  
 2718 TD Zoetermeer  
 t +31(0)79 361 49 90  
 f +31(0)79 361 49 89  
 e info@euroboor.com

**UAE office**  
 SAIF Zone A2-084  
 PO BOX 120817 Sharjah  
 t +971(0)655 784 54  
 e fzc@euroboor.com

**USA office**  
 333 Fleming Road  
 Birmingham, AL 35217  
 t +1 844 266 85 27  
 e info@euroboorusa.com

**Russia office**  
 Latyshskikh Strelkov St. 29/4, litter A  
 193231 Saint Petersburg  
 t +7 921 995 93 45  
 e russia@euroboor.com

**Go to one of our websites**  
**for more information**  
[www.euroboor.com](http://www.euroboor.com)  
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**Design and lay-out**  
 VormPro (NL)

Research & development	4
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## Magnetic drilling machines

Small scale fabrication	
ECO.30	8
ECO.32	10
ECO.32-T	12
Big scale fabrication	
ECO.40/2	14
ECO.50	16
ECO.50-T	18
ECO.50S	20
The all new 55-series	
ECO.55	24
ECO.55-T	26
ECO.55-A	28
ECO.55-TA	30
Construction	
ECO.80/4	32
ECO.100/4	34
ECO.100/4 D	36
ECO.200	38
Specials	
F16	40
ECO-TUBE.30	42
ECO.35-F	46
EBM.360	48
AIR.52/3	50

## Accessories

Weldon setup overview	56
Twist drill setup overview	57
Adapters	58
Extensions	59
Connection	59
Morse Taper reduction	59
Arbor	60
Drill chuck connection	61
Twist drill chuck	61

## Cutting lubricants

Cutting oil	64
Sprays	65
Paste	65
Gearbox oil	65

## Annular cutters

Annular cutter program	68
HSS	70
HSS sets	75

HSS-Co	78
TCT	82
TCT sets	90
TCT Rail	91
Pilot pins	92

## Drilling tools

Hole saw	94
Weldon twist drill	95
Countersink	95
Twist drill	96
After drilling aid	96

## Tapping tools

Tapping chucks	97
Tap holder	97
Machine taps	98
Tap sets	99
Drill tap combination	99

Leading the way in	
Quality Assurance	100
Overview machines	102

## Beveling tools

B45	104
LKF.210(S)	106

## Grinding tools

Resharpener machine	108
Angle grinders	109
Electric die grinder	111
Air die grinders	111
Rotary burrs	112
Rotary burrs set	115

## Sawing tools

Band saw	116
Dry cut-off saw	117
Circular cut-off saw	118
Saw accessories	119

## Lifting tools

Lifting magnets	120
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## Information

Merchandise	122
Service	123
General terms and conditions	124
Euroboor worldwide	125

# Euroboor Research & development



## Customer feedback

While we always enter an engineering project with the goal to exceed the customers' expectations, exactly. These expectations are the most important part of any development. User requirements are the basis of the practical insight we need to make the most of the engineering power on hand.



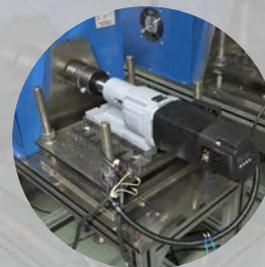
## Production methods

The production of our magnetic drilling machines takes place in our own, highly-organized facility. Equipped with state of the art machinery and being staffed with continuously trained and educated workers we are able to produce our products to the highest standards. In addition we can also adapt and evolve easily, and make new developments and products available to you quickly.



## Dedicated engineering

Any power tool is only as strong, reliable or effective as its weakest component. That is why the development of each and every part in our power tools receives the same engineering approach. The diversity of expertise in our engineering team ensures our developments to be as complete and well-thought-out as possible.



## Extensive testing

Being able to replicate even the worst conditions in our laboratory we test each and every concept, sample and component to its limits and beyond. With the means of rapid prototyping and other in-house prototyping, manufacturing and testing facilities we are able to test individual parts to the core. Even more important are the endurance tests of joined components and full prototype machines, which are intertwined with the entire development process.

## Development philosophy

### Efficiency

Our key driving force in the development of our tools is to improve the extent to which time and effort are well used for the intended task or purpose, or in other words: maximizing the efficiency of our tools. This way of thinking is reflected in multiple ways.

### Material efficiency

Due to smart engineering of our products and the production process, we are able to minimize usage of raw materials and time needed to prepare components, thus consuming and wasting less material. The use of virgin, but renewable, raw materials in combination with our advanced manufacturing methods help us to develop better, lighter, stronger and more reliable tools.

### Mechanical efficiency

The structure and mechanics are extremely important quality factors of a (power) tool. Minimal friction, part deformation and wear, result in machines that are much more effective in transforming energy and power into effective force and movement.

### Electrical efficiency

Euroboor values a good quality electric motor as much as our customers do. With strict specifications and premium materials (such as high quality copper wire and high silver concentrates in contact surfaces) we develop and produce our electric motors to deliver as much output performance as possible.



## Sustainability & ecological awareness

The Euroboor approach to development and production goes hand in hand with taking care of the environment. The effect is already noticeable in the production process: careful selection of materials, minimal loss of raw material and shortened production time have an immediate positive effect: reduction of the use of natural resources.

The practical use of a highly efficiently operating (power) tool is clear: faster and better results. Reduced operating time also directly translates into reduced energy use: less stress on the environment and another operating benefit for your company.

Additionally, high endurance Euroboor products play their part in relieving the stress on the earth's resources – both your tools and the world as we know it will simply last longer.

## Your tools

Efficiency in metal working is all about maximizing the utility of your tools, anytime and everywhere, over and over again.

We dare to say we know what a metal worker needs: Strength. Speed.

Reliability. Precision. Simplicity. Durability. All combined.

We leave no stone unturned in trying to find ways to make ourselves the best possible partner for you, and make your drilling job easier, better and faster.



## Overview magnetic drilling machines



	Small scale fabrication - up to 32 mm DIA		Big scale fabrication - up to 55 mm DIA		
Magnetic drill	ECO.30 (p.08)	ECO.32 / ECO.32-T (p.10)	ECO.40/2 (p.14)	ECO.50 / ECO.50-T (p.16)	ECO.50S (p.20)
Annular cutters	Ø 12 - 30 mm	Ø 12 - 32 mm	Ø 12 - 40 mm	Ø 12 - 50 mm	Ø 12 - 50 mm
Twist drills	Ø 13 mm (Weldon)	Ø 1 - 13 mm	Ø 1 - 13 mm	Ø 1 - 23 mm	Ø 1 - 23 mm
Countersinking	Ø 35 mm	Ø 40 mm	Ø 45 mm	Ø 55 mm	Ø 55 mm
Threading	n/a	M3 - M12 (32-T)	n/a	M3 - M20 (50-T)	n/a
Length	275 mm	320 mm	320 mm	320 mm	320 mm
Width	190 mm	210 mm	210 mm	210 mm	200 mm
Height	293 - 383 mm	370 - 512 mm	395 - 540 mm	385 - 540 mm	445 - 615 mm
Stroke	90 mm	150 mm	150 mm	170 mm	170 mm
Weight	8,5 kg	12 kg (12,6 kg 32-T)	12 kg	13,5 kg (14 kg 50-T)	11,2 kg
Magnet (lxwxh)	160 x 80 x 37 mm	160 x 80 x 42 mm	160 x 80 x 42 mm	170 x 85 x 48 mm	168 x 84 x 42 mm
Magnetic force	1200 kg	1500 kg	1500 kg	1850 kg	1700 kg
Motor power	900 W	1000 W	1050 W	1250 W	1250 W
Total power	950 W	1050 W	1100 W	1375 W	1300 W
Speed (no load)	775 min <sup>-1</sup>	775 min <sup>-1</sup> (32) 100-600 min <sup>-1</sup> (32-T)	720 / 1300 min <sup>-1</sup>	380 / 690 min <sup>-1</sup> (50) 100-280 / 185-530 min <sup>-1</sup> (50-T)	315 / 690 min <sup>-1</sup>
Speed (load)	400 min <sup>-1</sup> (900W)	400 min <sup>-1</sup> (1000W, 32) 225 min <sup>-1</sup> (1000W, 32-T)	315 / 560 min <sup>-1</sup> (1050W)	235 / 425 min <sup>-1</sup> (1250W, 50) 250 / 460 min <sup>-1</sup> (1250W, 50-T)	235 / 425 min <sup>-1</sup> (1250W)
Spindle (Weldon)	19,05 mm	19,05 mm	19,05 mm	MT2 19,05 mm	MT3 19,05 mm
Power source	110-120 / 220-240 V / 50-60 Hz				



Specials	F16 (p.40)	ECO-TUBE.30 (p.42)	ECO.35-F (p.46)	EBM.360 (p.48)	AIR.52/3 (p.50)
Annular cutters	n/a	Ø 12 - 30 mm	Ø 12 - 35 mm	Ø 12 - 36 mm	Ø 12 - 52 mm
Max. cutting depth			35 mm		
Twist drills	Ø 16 mm	Ø 14 mm (Weldon)	Ø 14 mm (Weldon)	Ø 1 - 13 mm	Ø 1 - 13 mm
Countersinking	Ø 35 mm	Ø 10 - 35 mm	Ø 10 - 40 mm	Ø 10 - 40 mm	Ø 10 - 40 mm
Length	310 mm	275 mm	285 mm	297 mm	340 mm
Width	170 mm	185 mm	101 mm	112 mm	250 mm
Height	325 - 495 mm	326 - 416 mm	210 mm	420 - 610 mm	560 mm
Stroke	170 mm	90 mm	55 mm	230 mm	120 mm
Weight	13,6 kg	11 kg	10 kg	15 kg	13 kg
Magnet (lxwxh)	160 x 80 x 36 mm	187 x 165 x 83 mm	165 x 80 mm	160 x 80 x 42 mm	220 x 75 mm
Magnetic force	1200 kg	532 kg	1500 kg	1700 kg	1000 kg
Motor power	n/a	900 W	1100 W	1300 W DC	n/a
Total power	n/a	950 W	1150 W	1350 W DC	n/a
Speed (no load)	n/a	775 min <sup>-1</sup>	650 min <sup>-1</sup>	506 min <sup>-1</sup>	400 min <sup>-1</sup>
Speed (load)	n/a	400 min <sup>-1</sup> (900 W)	390 min <sup>-1</sup> (1100W)	375 min <sup>-1</sup> (1300W)	-
Spindle (Weldon)	n/a	19,05 mm	19,05 mm	19,05 mm	19,05 mm
Power source	110-120 / 220-240 V / 50-60 Hz			37V Battery 7.6Ah li-ion	Air, min. 6,3 bar (90 PSI) 0,9 m3/min



Construction - up to 200 mm DIA				
ECO.55 / ECO.55-T (p.24)	ECO.55-A / ECO.55-TA (p.28)	ECO.80/4 (p.32)	ECO.100/4 / ECO.100/4D (p.34)	ECO.200 (p.38)
Ø 12 - 55 mm	Ø 12 - 55 mm	Ø 12 - 80 mm	Ø 12 - 100 mm	Ø 12 - 200 mm
Ø 1 - 23 mm	Ø 1 - 23 mm	Ø 1 - 31,75 mm	Ø 1 - 31,75 mm	Ø up to 44 mm
Ø 60 mm	Ø 60 mm	Ø 85 mm	Ø 105 mm	Ø 205 mm
M3 - M20 (55-T)	M3 - M20 (55-TA)	n/a	M3 - M30	n/a
320 mm	345 mm	365 mm	365 mm	480 mm
200 mm	305 mm	310 mm	310 mm	260 mm
490 - 660 mm	490 - 660 mm	510 - 710 mm	510 - 710 mm (+ 5mm for 100/4 D)	660 - 840 mm
170 mm	170 mm	260 mm	260 mm	180 mm
13,75 kg	23,5 kg	28 kg	28 kg	53 kg
168 x 84 x 49 mm	168 x 84 x 49 mm	220 x 110 x 64 mm	220 x 110 x 64 mm	330 x 110 mm x 63
1850 kg	1850 kg	3000 kg	3000 kg	3900 kg
1600 W	1600 W	1900 W	1900 W	3600 W
1700 W	1700 W	2050 W	2050 W	3800 W
275 / 500 min <sup>-1</sup> (55)	275 / 500 min <sup>-1</sup> (55-A)	200 / 320 / 415 / 650 min <sup>-1</sup>	42-110 / 65-190 / 140-400 / 220-620 min <sup>-1</sup>	410 / 170 min <sup>-1</sup>
60 - 275 / 100 - 500 min <sup>-1</sup> (55-T)	60 - 275 / 100 - 500 min <sup>-1</sup> (55-TA)			
275 / 500 min <sup>-1</sup> (1600W, 55)	275 / 500 min <sup>-1</sup> (1600W, 55-A)	150 / 200 / 275 / 400 min <sup>-1</sup>	85 / 152 / 270 / 480 min <sup>-1</sup>	150 / 70 min <sup>-1</sup> (3600W)
60 - 275 / 100 - 500 min <sup>-1</sup> (1600W, 55-T)	60 - 275 / 100 - 500 min <sup>-1</sup> (1600W, 55-TA)	(1700W)	(1900W)	
MT3 19,05 mm	MT3 19,05 mm	MT3 19,05 mm	MT3 19,05 mm	MT4 31,75 mm
110-120 / 220-240 V / 50-60 Hz				

# Euroboor ECO Magnetic Drilling Machines

Our Magnetic Drilling Machines are designed and engineered to the highest standards. With our experience in this specific field we dare to say that we know what you need. We stay in charge of today's and tomorrow's demands by being active in the field and remain in close contact with the people that actually use our machines.

We develop, design, engineer and produce our Magnetic Drilling Machines in-house. We only use the best and most trustworthy suppliers, and in case we cannot find one that fulfills our high demands, we roll up our sleeves and produce the required part ourselves. The same applies for all our drills and cutters too. Since a machine is only as good as its weakest part, stringent durability tests in the intended machine configuration are performed for even the smallest part development.

Every stage in the production process is subjected to strict quality checks and pre-shipment inspections are equally meticulous. Only thus can we ensure the quality, durability, safety and performance you can be confident about. Our full line-up of Magnetic Drilling Machines ranges from small scale fabrication to construction purposes and is designed to offer you the best possible options. Regardless of your company size, specialism or tasks at hand, you will find the perfect match at Euroboor.

# ECO.30



See icon guide on cover flap



30mm



13mm



35mm



8,5



900 W



1200



90mm



World's lightest  
Mag Drill!  
Only 8,5 kg

Due to its compact size the ECO.30 is the ideal machine to drill holes in small spaces. The ECO.30 measures barely 27,5 cm long and weighs only 8,5 kg. With its 900 W power the ECO.30 cuts holes between  $\varnothing$  12 and 30 mm easily and quickly.

This machine is ideal for:

- Small fabrication jobs
- All-day use throughout the workshop
- Drilling tasks at location
- Quick preparation





### Features

- Extremely light
- Most compact in class
- Incredibly easy to handle
- Direct spindle drive
- Safe and powerful

### Technical data

Annular cutters	Ø 12 - 30 mm
Twist drills*	Ø 13 mm (Weldon)
Countersinking	Ø up to 35 mm
Length	275 mm
Width	190 mm
Height	293 - 383 mm
Stroke	90 mm
Weight	8,5 kg
Magnet (l x w x h)	160 x 80 x 37 mm
Magnetic force	1200 kg
Motor power	900 W
Total power	950 W
Speed (no load)	775 min <sup>-1</sup>
Speed (load 900 W)	400 min <sup>-1</sup>
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110V/220V - 50/60 Hz



1 Integrated slide and gearbox provides a number of benefits:

- High accuracy
- Sturdy design enlarges lifecycle
- Minimal vibration

2 Ergonomic anti fatigue grip

3 Strong dual coil CNC machined magnet

4 High precision height adjustment:

- low maintenance
- minimal wear correction

5 Delivered fully equipped in a sturdy and organized suitcase

≤ Ø 30 mm  
page: 70

≤ Ø 13 mm\*  
page: 95

≤ Ø 35 mm  
page: 95

accessories  
page: 59



\* With Weldon shank twist drills. See page 95.

# ECO.32



See icon guide on cover flap



32mm



13mm



40mm



12



1000 W



1500



150mm



The ECO.32 has been the best selling magnetic drilling machine in recent years. The efficient basic model is equipped with an eager single speed motor.



### Features

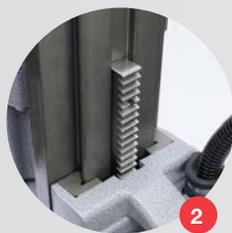
- Single speed gearbox
- Compact design
- Detachable spindle
- Practical long stroke
- Clear and easy controls

### Technical data

Annular cutters	Ø 12 - 32 mm
Twist drills	Ø 1 - 13 mm
Countersinking	Ø up to 40 mm
Length	320 mm
Width	210 mm
Height	370 - 512 mm
Stroke	150 mm
Weight	12 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1500 kg
Motor power	1000 W
Total power	1050 W
Speed (no load)	775 min <sup>-1</sup>
Speed (load 1000 W)	400 min <sup>-1</sup>
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz



1



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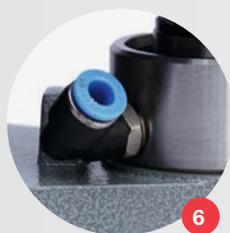
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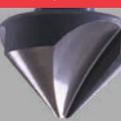
6

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page: 70

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page: 96

≤ Ø 40 mm  
page: 95

accessories  
page: 59



- 1 Ergonomic feed handle
- 2 High precision height adjustment:  
Low maintenance, minimal wear correction
- 3 Strong dual coil CNC machined magnet
- 4 Clear and easy controls
- 5 Detachable spindle
- 6 Integrated tool cooling

# ECO.32-T



See icon guide on cover flap



The best  
all-round  
magdrill  
in it's range

Need to drill and tap a 32 mm hole at a great height? The ECO.32-T is designed to complete your tailor-made work at all workplaces.



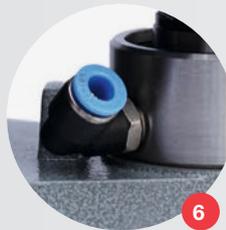
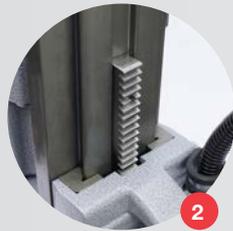


### Features

- Single speed gearbox
- Compact design
- Detachable spindle
- Practical long stroke
- Clear and easy controls
- Left & right rotating
- Electronically adjustable rotating speed

### Technical data

Annular cutters	Ø 12 - 32 mm
Twist drills	Ø 1 - 13 mm
Countersinking	Ø up to 40 mm
Threading	M3 - M12
Length	320 mm
Width	210 mm
Height	370 - 512 mm
Stroke	150 mm
Weight	12,6 kg
Magnet (l x w x h)	160 x 80 x 48 mm
Magnetic force	1500 kg
Motor power	1000 W
Total power	1050 W
Speed (no load)	100 - 600 min <sup>-1</sup>
Speed (load 1000 W)	225 min <sup>-1</sup>
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz



- 1 Ergonomic feed handle
- 2 High precision height adjustment:  
Low maintenance, minimal wear correction
- 3 Strong dual coil CNC machined magnet
- 4 Clear and easy controls
- 5 Detachable spindle
- 6 Integrated tool cooling
- 7 Right / left rotating functionality
- 8 Electronic speed adjustment

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page: 70

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page: 96

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page: 95

≤ M12  
page: 98

accessories  
page: 59



# ECO.40/2



See icon guide on cover flap



40mm



13mm



45mm



12



1050 W



1500



150mm

High speed gearing  
Specially designed for twist drilling

With a touch of over-capacity, working is even more fun. The ECO.40 magnetic drilling machine has a powerful motor and can be mechanically adjusted to two rotational speeds.

Higher spindle speed makes this machine particularly suitable for twist drilling.



Shown extras not included.



### Features

- 2-speed gearbox
- Compact design
- Detachable spindle
- Practical long stroke
- Clear and easy controls

### Technical data

Annular cutters	Ø 12 - 40 mm
Twist drills	Ø 1 - 13 mm
Countersinking	Ø up to 45 mm
Length	320 mm
Width	210 mm
Height	395 - 540 mm
Stroke	150 mm
Weight	12 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1500 kg
Motor power	1050 W
Total power	1100 W
Speed (no load)	(I) 720 min <sup>-1</sup>
	(II) 1300 min <sup>-1</sup>
Speed (load 1050 W)	(I) 315 min <sup>-1</sup>
	(II) 560 min <sup>-1</sup>
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz



1



2



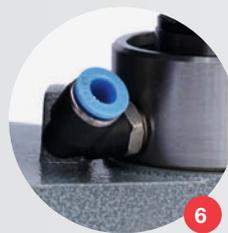
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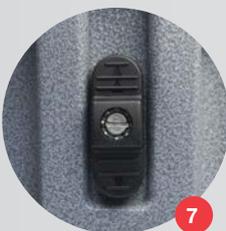
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7

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page: 95

accessories  
page: 61



- 1 Ergonomic feed handle
- 2 High precision height adjustment:  
Low maintenance, minimal wear correction
- 3 Strong dual coil CNC machined magnet
- 4 Clear and easy controls
- 5 Detachable spindle
- 6 Integrated tool cooling
- 7 2-speed gearbox

# ECO.50



See icon guide on cover flap



50mm



23mm



55mm



13,5



1250 W



1850



170mm



For maximum power without sacrificing mobility, the ECO.50 with Morse Taper 2 connection is what you need. For years the ECO.50 has been the "benchmark" machine among users.



## Features

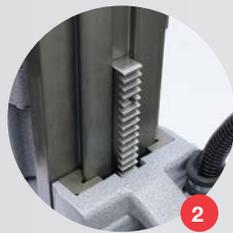
- 2-speed gearbox
- Morse Taper 2 spindle
- Practical long stroke

## Technical data

Annular cutters	Ø 12 - 50 mm
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 55 mm
Length	320 mm
Width	210 mm
Height	385 - 540 mm
Stroke	170 mm
Weight	13,5 kg
Magnet (l x w x h)	170 x 85 x 48 mm
Magnetic force	1850 kg
Motor power	1250 W
Total power	1375 W
Speed (no load)	(I) 380 min <sup>-1</sup>
	(II) 690 min <sup>-1</sup>
Speed (load 1000 W)	(I) 235 min <sup>-1</sup>
	(II) 425 min <sup>-1</sup>
Spindle (Weldon)	MT2 3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz



1



2



3



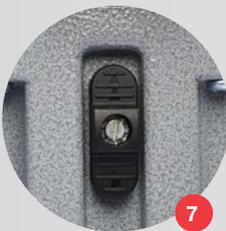
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5



6



7

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≤ Ø 23 mm  
page: 96

≤ Ø 55 mm  
page: 95

accessories  
page: 61



- 1 Ergonomic feed handle
- 2 High precision height adjustment:  
Low maintenance, minimal wear correction
- 3 Strong dual coil CNC machined magnet
- 4 Clear and easy controls
- 5 Morse Taper 2 spindle
- 6 Integrated tool cooling
- 7 2-speed gearbox

# ECO.50-T



See icon guide on cover flap



50mm



23mm



55mm



M20



14



1250 W



1850



170mm



For maximum power without sacrificing mobility, the ECO.50 with Morse Taper 2 connection is what you need. This machine has proven to be the benchmark among users for years!

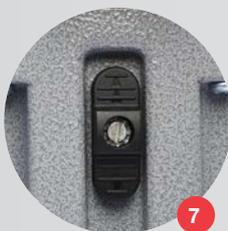


## Features

- 2-speed gearbox
- Morse Taper 2 spindle
- Practical long stroke
- Electronically adjustable rotating speed
- Left & right rotation

## Technical data

Annular cutters	Ø 12 - 50 mm
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 55 mm
Threading	M3 - M20
Length	320 mm
Width	210 mm
Height	385 - 540 mm
Stroke	170 mm
Weight	14 kg
Magnet (l x w x h)	170 x 85 x 48 mm
Magnetic force	1850 kg
Motor power	1250 W
Total power	1375 W
Speed (no load)	(I) 100-280 min <sup>-1</sup> (II) 185-530 min <sup>-1</sup>
Speed (load 1000 W)	(I) 250 min <sup>-1</sup> (II) 460 min <sup>-1</sup>
Spindle (Weldon)	MT2 3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz



- 1 Ergonomic feed handle
- 2 High precision height adjustment:  
Low maintenance, minimal wear correction
- 3 Strong dual coil CNC machined magnet
- 4 Clear and easy controls
- 5 Morse Taper 2 spindle
- 6 Integrated tool cooling
- 7 2-speed gearbox switch
- 8 Right / left rotating functionality
- 9 Electronic speed adjustment

≤ Ø 50 mm  
page: 70

≤ Ø 23 mm  
page: 96

≤ Ø 55 mm  
page: 95

≤ M20  
page: 98

accessories  
page: 59



# ECO.50S



See icon guide on cover flap



50mm



23mm



55mm



11,2



1250 W



1700



170mm



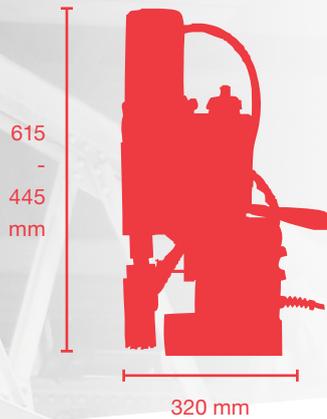
The most reliable magdrill on the market

Maximum power converted into the new 2 speed oil filled synchronized gearbox, which improves the motor efficiency and lifetime of key components. The one piece gearbox-in-slide design ensures stable support, faster drilling times and more accurate hole sizing. The newly designed handles offer the operator more comfort, where the new internal handle support bearing ensures direct-feed travel.





**This machine benefits from an oil lubricated gearbox**  
(Optimized motor efficiency and lifetime of key components)



### Features

- High precision slide & rail construction
- Integrated oil bath gearbox
- Morse Taper 3 Spindle
- Practical long stroke
- 2-speed gearbox

### Technical data

Annular cutters	Ø 12 - 50 mm
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 55 mm
Length	320 mm
Width	200 mm
Height	445 - 615 mm
Stroke	170 mm
Weight	11,2 kg
Magnet (l x w x h)	168 x 84 x 42 mm
Magnetic force	1700 kg
Motor power	1250 W
Total power	1300 W
Speed (no load)	(I) 315 min <sup>-1</sup> (II) 690 min <sup>-1</sup>
Speed (load 1250 W)	(I) 235 min <sup>-1</sup> (II) 425 min <sup>-1</sup>
Spindle (Weldon)	MT3 3/4" (19,05 mm)
Voltage	110/220 V - 50/60 Hz



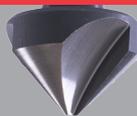
- 1 Integrated slide and gearbox system
- 2 Ergonomic feed handle
- 3 High accuracy capstan hub
- 4 High precision height adjustment
- 5 Strong dual coil CNC machined magnet
- 6 Clear and easy controls
- 7 Morse Taper 3 spindle
- 8 Integrated tool cooling
- 9 2-speed oil lubricated gearbox

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page: 70

≤ Ø 16 mm  
page: 96

≤ Ø 50 mm  
page: 95

accessories  
page: 59





# The all new 55-series Automatic and manual

Euroboor introduces the magnetic drilling machine series that truly matches your level of professionalism. Available in 4 levels of functionality, there is no doubt your needs for fully assisted and fastest drilling with the highest accuracy are being met by ECO.55

**ECO.55, ECO.55-T, ECO.55-A, ECO.55-TA**



If there is one thing we have learned from our many years of experience in the world of magnetic drilling machines and annular cutters, it is the need for assurance. After all, you need to be sure the holes you drill are sized to the highest accuracy. Also, you need to be able to rely consistent performance of your tools: all day every day, over and over again.

We left no page unturned in researching and developing the properties of individual components and the way they relate to each other. The results of these efforts are implemented in ECO.55 series: the most stable and fastest drilling magnetic base core drilling machine in its class.

As a bonus, this drilling machine actually informs you that you are drilling as efficiently as you possibly can!

## Top features

**LED load indicators and digital display with Smart Restart technology**

**Easily accessible carbon brushes**  
Auto shut-off carbon brushes

**Oilbath gearbox**  
Maximum lubrication

**Integrated slide and gearbox system**  
- High accuracy  
- Sturdy design enlarges lifecycle  
- Minimal vibration

**Automatic drill functionality on the ECO.55-A and ECO.55-TA**  
(Only for annular cutters)

**Z-profile guide rails**  
Maximum contact surface

**Clear and easy controls**  
(With RPM dial and left / right switch on the ECO.55-T and ECO.55-TA)



### LED load indicators

● ● ● ●	● ● ● ●
Machine is on. No load	Acceptable overload
● ● ● ●	● ● ● ●
Start drilling. Ideal working load	Close to overload. Reduce the pressure on the handlebar.

● A flashing red light with acoustic sound. Overload limit is exceeded. The motor halts.\*

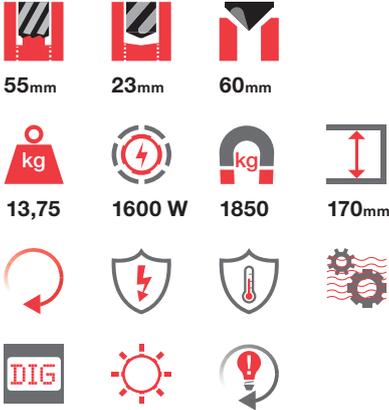
### \* Smart Restart

When the motor is in overload, the Smart Restart torque control technology ( ) ensures trouble-free continuation of your drilling job. When the feed pressure is reduced, the machines electronics recognize the reduction and the motor continues. This benefits your drilling process and time, and prevents excessive tool wear and failure.

# ECO.55



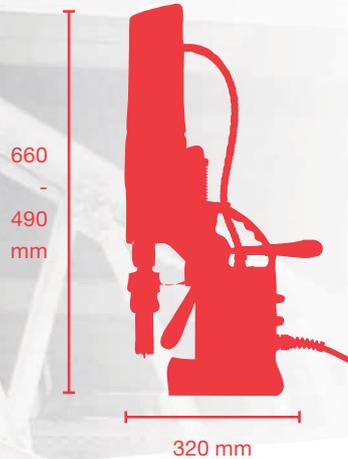
See icon guide on cover flap



The ECO.55 series provide benchmark performance with regards to stability, durability and sheer cutting performance. Coming forth from years of continuous improvement and dedicated development these machines are engineered to provide power in the most efficient way possible. In addition we have added various feed assistants to help you maximise the capabilities, including a first-ever digital readout and four load protection indicators.



**This machine benefits from an oil lubricated gearbox**  
(Optimized motor efficiency and lifetime of key components)



### Features

- High precision slide & rail construction
- Integrated oil bath gearbox
- Morse Taper 3 Spindle
- External access to auto shut-off carbon brushes
- Digital power read-out display
- Smart Restart technology

### Technical data

Annular cutters	Ø 12 - 55 mm
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 60 mm
Length	320 mm
Width	200 mm
Height	490 - 660 mm
Stroke	170 mm
Weight	13,75 kg
Magnet (l x w x h)	168 x 84 x 49 mm
Magnetic force	1850 kg
Motor power	1600 W
Total power	1700 W
Speed (no load)	(I) 275 min <sup>-1</sup> (II) 500 min <sup>-1</sup>
Speed (load 1600W)	(I) 275 min <sup>-1</sup> (II) 500 min <sup>-1</sup>
Spindle (Weldon)	MT3 3/4" (19,05 mm)
Voltage	110/220 V - 50/60 Hz



1



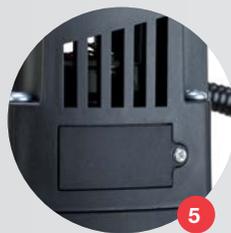
2



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8



9

≤ Ø 55 mm  
page: 70

≤ Ø 23 mm  
page: 96

≤ Ø 60 mm  
page: 95

accessories  
page: 59



- 1 Top digital display showing ideal power usage
- 2 Integrated slide and gearbox system
- 3 Ergonomic feed handle
- 4 High accuracy capstan hub
- 5 Easily accessible auto shut-off carbon brushes
- 6 2-speed oil lubricated gearbox
- 7 High precision height adjustment
- 8 Strong dual coil CNC machined magnet
- 9 Clear and easy controls

See all novelties of this machine on page 22-23

# ECO.55-T



See icon guide on cover flap



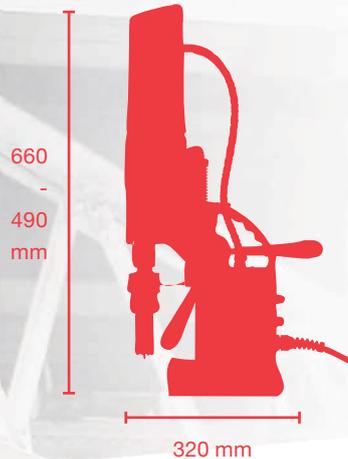
Our most versatile magdrill yet

The ECO.55 series provide benchmark performance with regards to stability, durability and sheer cutting performance. Coming forth from years of continuous improvement and dedicated development these machines are engineered to provide power in the most efficient way possible. In addition we have added various feed assistants to help you maximise the capabilities, including a first-ever digital readout with indicators.





**This machine benefits from an oil lubricated gearbox**  
(Optimized motor efficiency and lifetime of key components)



### Features

- High precision slide & rail construction
- Integrated oil bath gearbox
- Morse Taper 3 Spindle
- External access to auto shut-off carbon brushes
- Digital power read-out display
- Smart Restart technology

### Technical data

Annular cutters	Ø 12 - 55 mm
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 60 mm
Threading	M3 - M20
Length	320 mm
Width	200 mm
Height	490 - 660 mm
Stroke	170 mm
Weight	13,75 kg
Magnet (l x w x h)	168 x 84 x 49 mm
Magnetic force	1850 kg
Motor power	1600 W
Total power	1700 W
Speed (no load)	(I) 60 - 275 min <sup>-1</sup>
	(II) 100 - 500 min <sup>-1</sup>
Speed (load 1600W)	(I) 60 - 275 min <sup>-1</sup>
	(II) 100 - 500 min <sup>-1</sup>
Spindle (Weldon)	MT3 3/4" (19,05 mm)
Voltage	110/220 V - 50/60 Hz



1



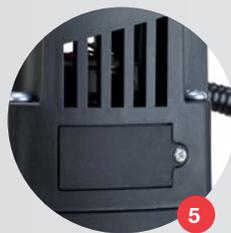
2



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9

- 1 Top digital display showing ideal power usage
- 2 Integrated slide and gearbox system
- 3 Ergonomic feed handles
- 4 High accuracy capstan hub
- 5 Easily accessible auto shut-off carbon brushes
- 6 2-speed oil lubricated gearbox
- 7 High precision height adjustment
- 8 Strong dual coil CNC machined magnet
- 9 Clear and easy controls

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page: 95

≤ M20  
page: 98

accessories  
page: 59

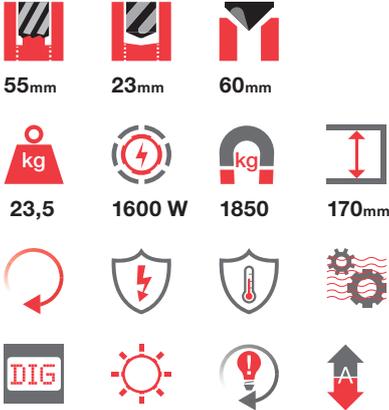


See all novelties of this machine on page 22-23

# ECO.55-A



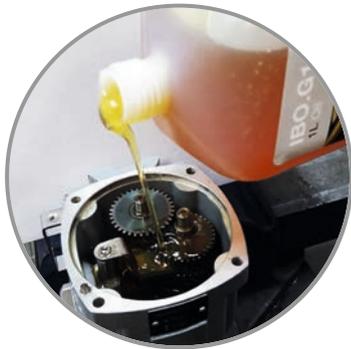
See icon guide on cover flap



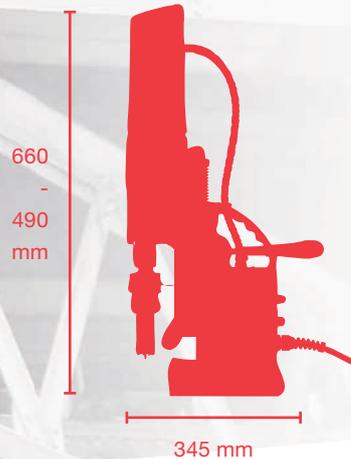
Efficient drilling to the second power. Featuring a newly designed self-feed system our automatic machines offer the top level of technology.

With highly intelligent electronics, the most stable construction in the market and functionalities such as "automatic return", these drilling machines will actually drill holes with the highest efficiency for you. There is no doubt our automatic drilling machines will help you increase productivity and cost savings like no other.

**This machine is ideal for:**  
Intelligent automatic drilling with annular cutters



**This machine benefits from an oil lubricated gearbox**  
(Optimized motor efficiency and lifetime of key components)



## Features

- Full automatic drilling\*
- High precision slide & rail construction
- Integrated oil bath gearbox
- Morse Taper 3 Spindle
- External access to auto shut-off carbon brushes
- Digital read-out
- Intelligent electronics combine maximum drilling speed with increased cutter lifetime

## Technical data

Annular cutters	Ø 12 - 55 mm (mild steel)
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 60 mm
Length	345 mm
Width	305 mm
Height	490 - 660 mm
Stroke	170 mm
Weight	23,5 kg
Magnet (l x w x h)	168 x 84 x 49 mm
Magnetic force	1850 kg
Motor power	1600 W
Total power	1700 W
Speed (no load)	(I) 60 - 275 min <sup>-1</sup>
	(II) 100 - 500 min <sup>-1</sup>
Speed (load 1600W)	(I) 60 - 275 min <sup>-1</sup>
	(II) 100 - 500 min <sup>-1</sup>
Spindle (Weldon)	MT3 3/4" (19,05 mm)
Voltage	110/220 V - 50/60 Hz



1



2



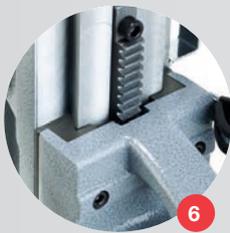
3



4



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7



8

≤ Ø 55 mm  
page: 70

≤ Ø 23 mm  
page: 96

≤ Ø 60 mm  
page: 95

accessories  
page: 59



- 1 Top digital display showing ideal power usage
- 2 Integrated slide and gearbox system
- 3 Ergonomic feed handles
- 4 Easily accessible auto shut-off carbon brushes
- 5 2-speed oil lubricated gearbox
- 6 High precision height adjustment
- 7 Strong dual coil CNC machined magnet
- 8 Automatic drill functionality\*

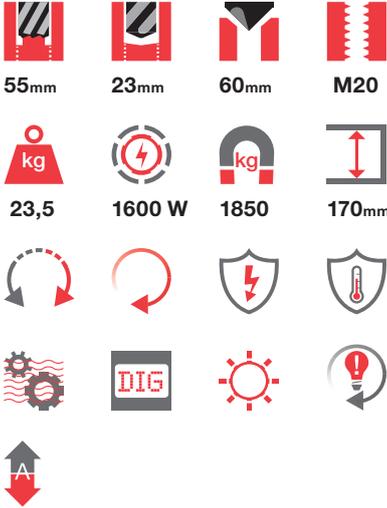
See all novelties of this machine on page 22-23

\* For annular cutters

# ECO.55-TA



See icon guide on cover flap



Efficient drilling to the second power. Featuring a newly designed self-feed system our automatic machines offer the top level of technology.

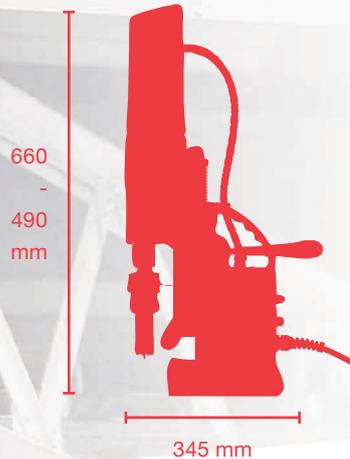
With highly intelligent electronics, the most stable construction in the market and functionalities such as "automatic return", these drilling machines will actually drill holes with the highest efficiency for you. There is no doubt our automatic drilling machines will help you increase productivity and cost savings like no other.

This machine is ideal for: Intelligent automatic drilling with annular cutters with the option of (manual) reaming and tapping





**This machine benefits from an oil lubricated gearbox**  
(Optimized motor efficiency and lifetime of key components)



## Features

- Full automatic drilling\*
- High precision slide & rail construction
- Integrated oil bath gearbox
- Morse Taper 3 Spindle
- External access to auto shut-off carbon brushes
- Digital read-out
- Intelligent electronics combine maximum drilling speed with increased cutter lifetime

## Technical data

Annular cutters	Ø 12 - 55 mm (mild steel)
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 60 mm
Threading	M3 - M20
Length	345 mm
Width	305 mm
Height	490 - 660 mm
Stroke	170 mm
Weight	23,5 kg
Magnet (l x w x h)	168 x 84 x 49 mm
Magnetic force	1850 kg
Motor power	1600 W
Total power	1700 W
Speed (no load)	(I) 60 - 275 min <sup>-1</sup> (II) 100 - 500 min <sup>-1</sup>
Speed (load 1600W)	(I) 60 - 275 min <sup>-1</sup> (II) 100 - 500 min <sup>-1</sup>
Spindle (Weldon)	MT3 3/4" (19,05 mm)
Voltage	110/220 V - 50/60 Hz



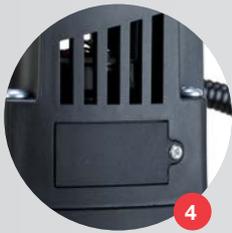
1



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8

- 1 Top digital display showing ideal power usage
- 2 Integrated slide and gearbox system
- 3 Ergonomic feed handles
- 4 Easily accessible auto shut-off carbon brushes
- 5 2-speed oil lubricated gearbox
- 6 High precision height adjustment
- 7 Strong dual coil CNC machined magnet
- 8 Automatic drill functionality\*

≤ Ø 55 mm  
page: 70

≤ Ø 23 mm  
page: 96

≤ Ø 60 mm  
page: 95

≤ M20  
page: 98

accessories  
page: 59



See all novelties of this machine on page 22-23

\* For annular cutters

# ECO.80/4



See icon guide on cover flap



80mm



31,75mm



85mm



28



1900 W



3000



260mm



Thanks to the 4-speed gearbox this no-nonsense magnetic drilling machine is able to tackle twist drilling tasks just as easily as big diameter annular cutter challenges.

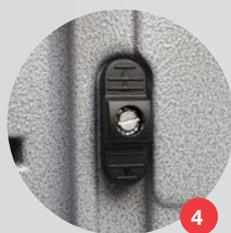
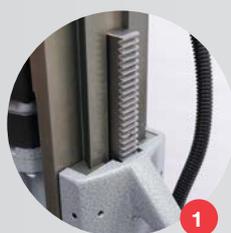


## Features

- 4-speed gearbox
- Morse Taper 3 spindle
- Highly useful very long stroke
- Clear and easy controls
- Perfect solution for simple but heavy drilling tasks

## Technical data

Annular cutters	Ø 12 - 80 mm
Twist drills	Ø 1 - 31,75 mm
Countersinking	Ø up to 85 mm
Length	365 mm
Width	310 mm
Height	510 - 710 mm
Stroke	260 mm
Weight	28 kg
Magnet (l x w x h)	220 x 110 x 64 mm
Magnetic force	3000 kg
Motor power	1900 W
Total power	2050 W
Speed (no load)	(I) 200 min <sup>-1</sup>
	(II) 300 min <sup>-1</sup>
	(III) 415 min <sup>-1</sup>
	(IV) 650 min <sup>-1</sup>
Speed (load 1700 W)	(I) 150 min <sup>-1</sup>
	(II) 200 min <sup>-1</sup>
	(III) 275 min <sup>-1</sup>
	(IV) 400 min <sup>-1</sup>
Spindle (Weldon)	MT3 3/4" (19,05 mm)*
Voltage	110-120 / 220-240 V / 50-60 Hz



≤ Ø 80 mm  
page: 70

≤ Ø 31,75 mm  
page: 96

≤ Ø 85 mm  
page: 95

accessories  
page: 59



- 1 Aluminium guide rails (L-profile)
- 2 Integrated mounting of gearbox to slide
- 3 Strong aluminium motor holder
- 4 4-speed mechanical gearing
- 5 Morse Taper 3 spindle
- 6 Integrated tool cooling

\* Optional with 1 1/4" (31,75 mm)

# ECO.100/4



See icon guide on cover flap



100mm



31,75mm



105mm



M30



28



1900 W



3000



260mm



Hole after hole,  
day in day out

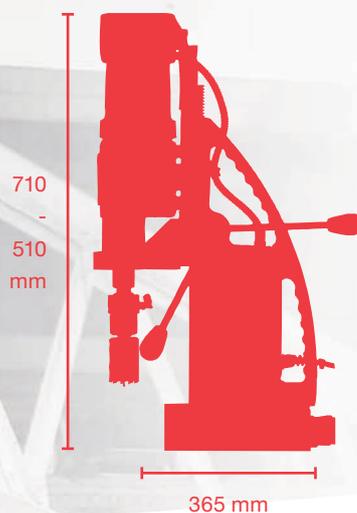
Stable and  
reliable all  
the way

Large capacity combined with a load of possibilities: unprecedented powerful motor, state-of-the-art mechanically and electronically adjustable speed and torque control and hugely stable construction enable you to tackle a wide variety of drilling tasks.



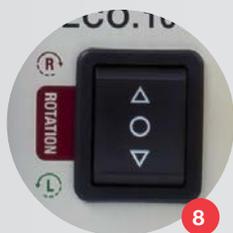
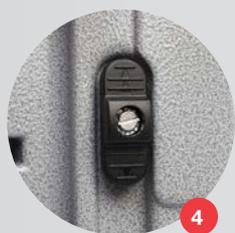
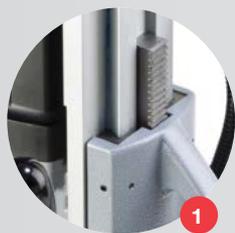
## Features

- 4-speed gearbox
- Morse Taper 3 spindle
- Highly useful very long stroke
- Left & right rotating
- Electronically adjustable rotating speed
- Electronically adjustable torque



## Technical data

Annular cutters	Ø 12 - 100 mm
Twist drills	Ø 1 - 31,75 mm
Countersinking	Ø up to 105 mm
Threading	M3 - M30
Length	365 mm
Width	310 mm
Height	510 - 710 mm
Stroke	260 mm
Weight	28 kg
Magnet (l x w x h)	220 x 110 x 64 mm
Magnetic force	3000 kg
Motor power	1900 W
Total power	2050 W
Speed (no load)	(I) 42-110 min <sup>-1</sup>
	(II) 65-190 min <sup>-1</sup>
	(III) 140-400 min <sup>-1</sup>
	(IV) 220-620 min <sup>-1</sup>
Speed (load 1900 W)	(I) 85 min <sup>-1</sup>
	(II) 152 min <sup>-1</sup>
	(III) 270 min <sup>-1</sup>
	(IV) 480 min <sup>-1</sup>
Spindle (Weldon)	MT3 3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz



- 1 Aluminium guide rails (L-profile)
- 2 Integrated mounting of gearbox to slide
- 3 Strong aluminium motor holder
- 4 4-speed mechanical gearing
- 5 Morse Taper 3 spindle
- 6 Integrated tool cooling
- 7 Torque control on motor housing
- 8 Right / left rotating functionality
- 9 Electronic speed adjustment

\* Optional with 1 1/4" (31,75 mm)

≤ Ø 100 mm  
page: 70

≤ Ø 31,75 mm  
page: 96

≤ Ø 105 mm  
page: 95

≤ M30  
page: 98

accessories  
page: 59



# ECO.100/4 D



See icon guide on cover flap



100mm



31,75mm



105mm



M30



28



1900 W



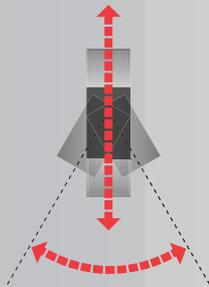
3000



260mm



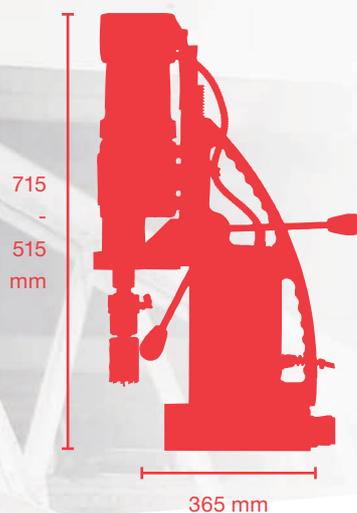
The magnet rotates 30° both ways and slides 15-20 mm forwards and backwards.



Large capacity combined with a load of possibilities: unprecedented powerful motor, state-of-the-art mechanically and electronically adjustable speed and torque control, hugely stable construction and a rotating base enable you to tackle the widest variety of drilling tasks.

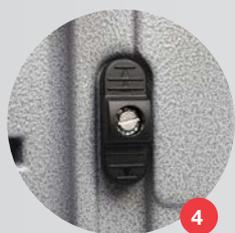
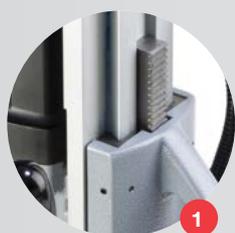
## Features

- 4-speed gearbox
- Morse Taper 3 spindle
- Highly useful very long stroke
- Left & right rotating
- Electronically adjustable rotating speed
- Electronically adjustable torque
- Swivel base



## Technical data

Annular cutters	Ø 12 - 100 mm
Twist drills	Ø 1 - 31,75 mm
Countersinking	Ø up to 105 mm
Threading	M3 - M30
Length	365 mm
Width	310 mm
Height	515 - 715 mm
Stroke	260 mm
Weight	28 kg
Magnet (l x w x h)	220 x 110 x 64 mm
Magnetic force	3000 kg
Motor power	1900 W
Total power	2050 W
Speed (no load)	(I) 42-110 min <sup>-1</sup>
	(II) 65-190 min <sup>-1</sup>
	(III) 140-400 min <sup>-1</sup>
	(IV) 220-620 min <sup>-1</sup>
Speed (load 1900 W)	(I) 85 min <sup>-1</sup>
	(II) 152 min <sup>-1</sup>
	(III) 270 min <sup>-1</sup>
	(IV) 480 min <sup>-1</sup>
Spindle (Weldon)	MT3 19,05 mm
Voltage	110-120 / 220-240 V / 50-60 Hz



- 1 Aluminium guide rails (L-profile)
- 2 Integrated mounting of gearbox to slide
- 3 Strong aluminium motor holder
- 4 4-speed mechanical gearing
- 5 MT 3 spindle with integrated cooling
- 6 Torque control on motor housing
- 7 Right / left rotating functionality
- 8 Electronic speed adjustment
- 9 Precise positioning swivel base

\* Optional with 1 1/4" (31,75 mm)

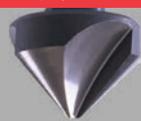
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page: 96

≤ Ø 105 mm  
page: 95

≤ M30  
page: 98

accessories  
page: 59



# ECO.200



See icon guide on cover flap



200mm



44mm



205mm



53



3600 W



3900



180mm



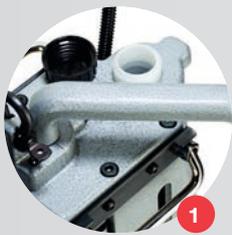
This beastly machine is engineered with the focus on high demand drilling tasks while remaining portability. The ultimate combination of 3600W motor unit, 3900kg magnet and MT4 Spindle makes sure it will help you drill holes up to 200mm diameter with unimaginable precision and ease. This exceptional machine is the solution for any challenging job on site.

This machine is ideal for:  
Large diameter drilling tasks

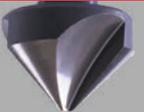


- ### Features
- Integrated safety strap and lifting shackle
  - Easy controls
  - Sturdy fixings
  - Morse Taper 4 spindle

Technical data	
Annular cutters	Ø 12 - 200 mm
Twist drills	Ø up to 44 mm
Countersinking	Ø up to 205 mm
Length	480 mm
Width	260 mm
Height	660 - 840 mm
Stroke	180 mm
Weight	53 kg
Magnet (l x w)	330 x 110 mm x 63
Magnetic force	3900 kg
Motor power	3600 W
Total power	3800 W
Speed (no load)	(I) 410 min <sup>-1</sup>
	(II) 170 min <sup>-1</sup>
Speed (load 3600W)	(I) 150 min <sup>-1</sup>
	(II) 70 min <sup>-1</sup>
Spindle (Weldon)	MT4 1 1/4" (31,75 mm)
Voltage	110/220 V - 50/60 Hz



- 1 Integrated tool cooling fluid tank
- 2 High precision tubular rail balancer system, progressive feed assist
- 3 Extremely strong 2-speed gearing
- 4 Fold away carrying handles & lifting shackle
- 5 Super long stroke especially suitable for long cutters and twist drills
- 6 Cooling fluid level indication
- 7 Safety strap
- 8 MT4 spindle

<p>≤ Ø 200 mm</p> <p>page: 70</p> 	<p>≤ Ø 44 mm</p> <p>page: 96</p> 	<p>≤ Ø 205 mm</p> <p>page: 95</p> 	<p>accessories</p> <p>page: 59</p> 
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# F16



See icon guide on cover flap



16mm



35mm



7,5



1200



170mm

Suitable for  
your favorite  
hand drilling  
machine

Flexible universal drill stand with plug connection for hand drills with twistdrill capacity up to 16 mm. Thanks to the plug connection the operator is offered central switch operation. The F16 enables you to drill, tap, ream and countersink perfectly straight with high stability. The high power magnet force of 1200kg offers a secure grip hold during your operation.



Mounted hand drilling machine  
not included

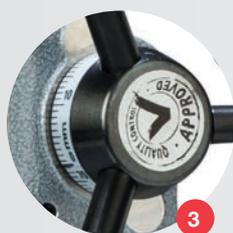
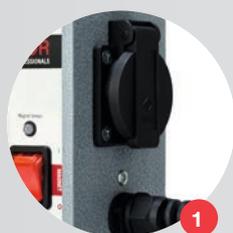


### Features

- **43mm Euro collar connection** (optional 33mm and 38mm filler rings included)
- **Perfect solution for high precision small diameter drilling tasks**
- **User friendly controls**
- **Every F16 is delivered fully equipped in a sturdy and organized suitcase**

### Technical data

Twist drills	up to Ø 16 mm
Countersink	up to Ø 35 mm
Length	310 mm
Width	170 mm
Height	325 - 495 mm
Stroke	170 mm
Weight	13,6 kg
Magnet (l x w x h)	160 x 80 x 36 mm
Magnetic force	1200 kg
Voltage	110V/220V - 50/60 Hz



- 1 Safe and easy rear mounted socket
- 2 Ergonomic feed handle
- 3 High accuracy capstan hub
- 4 High precision height adjustment:  
Low maintenance, minimal wear correction
- 5 Strong dual coil CNC machined magnet
- 6 Clear and easy controls

### Example of application

≤ Ø 16 page: 96	≤ Ø 35 page: 95

Technical specifications based on structural and magnet holding capacity.



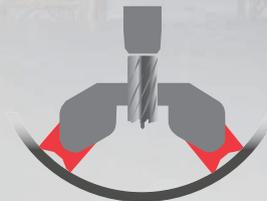
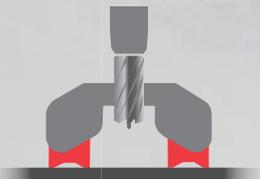
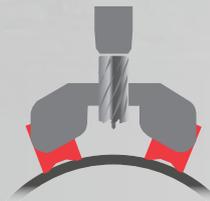
Shallow Field (SF) magnet minimal requirements 3 mm

# One of a kind Unique design, unique usage

Drilling high precision holes in steel tubes and pipes has always been a hassle. Until now. Forget about the time consuming process of clamping all kinds of pipe adapters to your work piece. "Position and use" is what you expect of a portable power tool.

Meet the ECO-TUBE.30, the first of a new generation magnetic drilling machines specifically designed for drilling on curved material. By joining forces with Magswitch, technology leader in the field of shallow-field magnetism, we have been able to develop a concept that instantly addresses, and drastically improves work

efficiency in the pipe industry. Not only will this magnetic drilling machine help you save time in setting up the tool. Its strong, powerful and sturdy design will also actively enable you to drill holes as fast as possible.



**The magnets can be adjusted for the best position on round and flat surfaces. No extra accessories needed**

### Safe

Magnets require no electric power and will not release in the event of a power failure

### Light

Weighs merely 11kg

### Strong

Maintains strong grip on thin steel. Minimal thickness of 3mm

### Easy to use

Automatically conform to any pipe 75 mm or larger in diameter

### Efficient

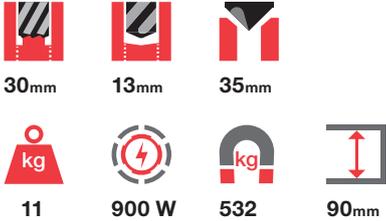
One tool for flat or round surfaces without the need for expensive adapters – save time and money. Powerful 900W motor. Cuts holes up to 30mm diameter, up to 50mm deep



# ECO-TUBE.30



See icon guide on cover flap



The ECO-TUBE.30 with patented shallow-field magnetic technology that offers incredibly strong grip, even on steel as thin as 3mm. Also, the patent-pending base automatically pivots to conform to any pipe  $\varnothing$  75mm or larger. The magnets do not require electricity, so all the power goes to the motor. This also offers increased safety as the tool will not release from the target material in the event of an unintentional power loss. With its 900 W power the ECO.30 cuts holes between  $\varnothing$  12 and 30 mm easily and quickly.

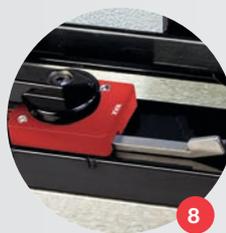


## Features

- No electricity required for magnetic base
- Unique flexible features for pipes of various sizes
- No special attachments needed for flat or curved surfaces
- Highly stable wide stance
- Magnets allow the machine to swing away for hole inspection or debris removal while keeping position
- Easy to handle
- Direct spindle drive

## Technical data

Annular cutters	Ø 12 - 30 mm
Twist drills*	Ø 13 mm (Weldon)
Countersinking	Ø up to 35 mm
Length	275 mm
Width	185 mm
Height	326 - 416 mm
Stroke	90 mm
Weight	11 kg
Magnet (l x w x h)	187 x 165 x 83 mm
Magnetic force	532 kg
Motor power	900 W
Total power	950 W
Speed (no load)	775 min <sup>-1</sup>
Speed (load 900 W)	400 min <sup>-1</sup>
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110V/220V - 50/60 Hz



≤ Ø 30 mm  
page: 70

≤ Ø 13 mm\*  
page: 95

≤ Ø 35 mm  
page: 95

accessories  
page: 59



- 1 Powerful hold on a wide range of steel thicknesses, curved and flat
- 2 Integrated slide and gearbox
- 3 Ergonomic feed handle
- 4 High accuracy capstan hub
- 5 Ergonomic anti fatigue grip
- 6 High precision height adjustment: Low maintenance, minimal wear correction
- 7 Lubrication bottle with overpressure system
- 8 Safe. No loss of magnetic grip due to unintentional power loss

\* With Weldon shank twist drills. See page 95.

# ECO.35-F



See icon guide on cover flap



35mm



14mm



40mm



10



1100 W



1500



55mm



Very compact magnetic drilling machine, only 21 cm in height. Perfect for drilling in spaces with limited height such as H-beams, steel structures, plates, profiles, etc. The machine is equipped with LED light, a powerful magnet, overload protection and easy release/lock feed handle for both left and right operation.



## Features

- **Very compact design**
- **Powerful magnet**
- **Equipped with LED light**
- **Easy release/lock feed handle, left/right operation**

## Technical data

Annular cutters	Ø 12 - 35 mm
Max. cutting depth	35mm
Twist drills*	Ø 14 mm (Weldon)
Countersinking	Ø up to 40 mm
Length	285 mm
Width	101 mm
Height	210 mm
Stroke	55 mm
Weight	10 kg
Magnet (l x w x h)	165 x 80 mm
Magnetic force	1500 kg
Motor power	1100 W
Total power	1150 W
Speed (no load)	650 min <sup>-1</sup>
Speed (load 1100 W)	390 min <sup>-1</sup>
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110V/220V - 50/60 Hz

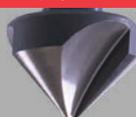


≤ Ø 30 mm  
page: 70

≤ Ø 14 mm\*  
page: 95

≤ Ø 35 mm  
page: 95

accessories  
page: 59



- 1 Left and right mount ability of feed handle
- 2 Workpiece illumination
- 3 Carrying strap
- 4 Clear and easy controls

\* With Weldon shank twist drills. See page 95.

# EBM.360



See icon guide on cover flap



36mm



13mm



40mm



15



1300 W  
DC



1700



230mm



From 0% to 75%  
battery charge takes less  
than 20 minutes!

Hardworking and smart. With battery life LED-indicators guaranteeing your safety. The unique EBM.360 rapidly slices through material up to 50 mm thick and is loaded with useful and award winning features. The powerful linear motor is designed to squeeze every ounce of performance out of the strong Lithium-Ion power pack.



**The average drilling times on mild steel with 15mm thickness is:**

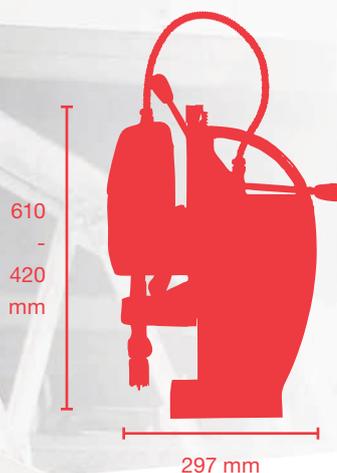
- Ø 12mm → 15 seconds
- Ø 24mm → 23 seconds
- Ø 36mm → 50 seconds

(Tested with Euroboor 30mm DoC HSS cutters)

**Drilling capacity in mild steel with 10mm thickness:**

- Ø 12mm → up to 126 holes  
(up to 84 holes in 15mm)
- Ø 24mm → up to 60 holes  
(up to 40 holes in 15mm)
- Ø 36mm → up to 30 holes  
(up to 20 holes in 15mm)

(Tested with Euroboor 30mm DoC HSS cutters)

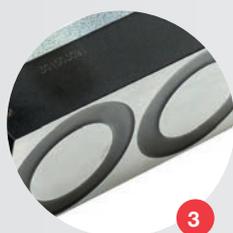
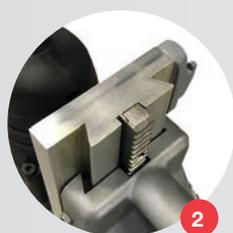


**Features**

- Battery powered
- Practical sizing
- Detachable spindle
- Powerful high torque motor
- Multi-level electronic protection for optimal safety
- Extremely short battery charging time

**Technical data**

Annular cutters	Ø 12 - 36 mm
Twist drills	Ø 1 - 13 mm
Countersinking	Ø up to 40 mm
Length	297 mm
Width	112 mm
Height	420 - 610 mm
Stroke	230 mm
Weight	15 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1700 kg
Motor power	1300 W DC
Total power	1350 W DC
Speed (no load)	506 min <sup>-1</sup>
Speed (load 1300 W)	375 min <sup>-1</sup>
Spindle (Weldon)	3/4" (19,05 mm)
Power source	37V Battery 7.6Ah Li-ion



<p>≤ Ø 36 mm page: 70</p> 	<p>≤ Ø 13 mm page: 96</p> 	<p>≤ Ø 40 mm page: 95</p> 	<p>accessories page: 59</p> 
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- 1 Powerful battery
- 2 High precision height adjustment:  
Low maintenance, minimal wear correction
- 3 Strong dual coil CNC machined magnet
- 4 Powerful DC motor
- 5 Clear and easy controls
- 6 Ergonomic feed handle
- 7 Detachable spindle
- 8 Integrated tool cooling
- 9 Battery charger

# AIR.52/3



See icon guide on cover flap



52mm



13mm



60mm



13



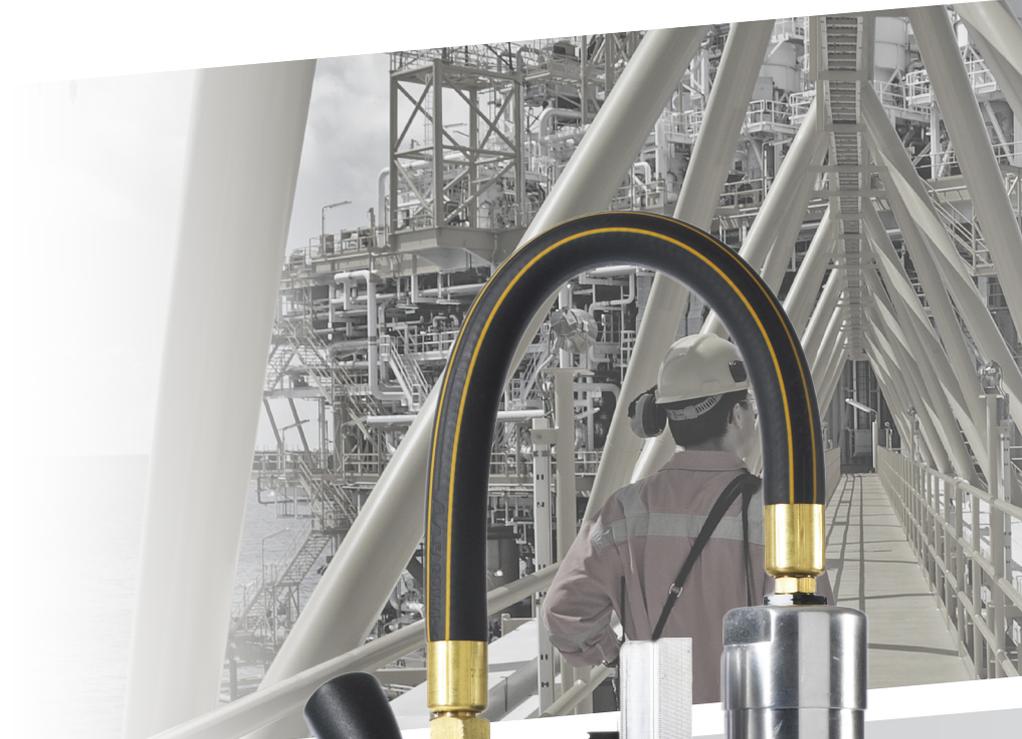
min. 6.3bar  
(90 PSI)



1000



55mm



This air machine is specifically designed for drilling tasks where the use of electric power tools is out of the question. With the powerful air motor and strong permanent magnet this special drilling machine meets the ATEX regulations, and can be used in workplaces with danger of explosion, such as the offshore, mining, oil and gas industries.



### Features

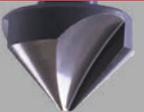
- Air-powered motor system
- Automatic cooling system
- Failsafe permanent magnet system
- Spark-free (explosion-safe) motor
- Anti-static construction
- Safety interlock
- Low noise

### Technical data

Annular cutters	Ø 12 - 52 mm
Twist drills	Ø 1 - 13 mm
Countersinking	Ø up to 60 mm
Length	340 mm
Width	250 mm
Height	560 mm
Stroke	120 mm
Weight	13 kg
Magnet (l x w)	220 x 75 mm
Magnetic force	1000 kg
Speed (no load)	400 min <sup>-1</sup>
Spindle (Weldon)	3/4" (19,05 mm)
Power source	Air, min. 6,3 bar (90 PSI) 0,9 m <sup>3</sup> /min 3/8" BSP Female thread



- 1 Failsafe permanent magnet (on/off handles)
- 2 Permanent magnet
- 3 Safety cover

<p>≤ Ø 52 mm page: 70</p> 	<p>≤ Ø 13 mm page: 96</p> 	<p>≤ Ø 60 mm page: 95</p> 	<p>accessories page: 59</p> 
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Extreme projects? We know the drill



# Accessories

We are convinced accessories are auxiliary tools. Their development follows from practical situations in which challenges and problems present themselves; problems which could have been prevented by properly estimating the diversity and complexity of the work.

## **Practical solutions for comfort at work**

After more than 38 years of practical experience we dare to say we are familiar with most challenges that you may encounter. Euroboor accessories have been developed for direct practical solutions and comfort at work. Non-magnetic base, horizontal drilling, or lack of space, you can proceed undisrupted at all times.

Our accessories are professional solutions that are specifically designed for and tuned to your activities.



