

ECO.30



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 30 mm
Twist drilling (Weldon)	Ø 1 - 13 mm
Countersinking	Ø 10 - 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	1,200 kg
Motor power	900 W
Total power	950 W
Speed (no load)	I 775 rpm
Speed (load 900 W)	I 400 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles



Benefits

- Lightest Ø 30 mm magnetic drilling machine:
 - Most compact in class
 - Incredibly easy to handle
- Direct spindle drive and integrated tool cooling and lubrication
- One-speed gearbox
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reversible handles: to enable you to change the operation side of the feed handles in confined spaces
- Also available with permanent TUBE magnet for both pipe and flat material (page. 44)

**Lightest Ø 30 mm
magnetic drilling
machine in the market**

Features



2-way
magnet
(TempTec)



8.5
weight



ECO.30S+



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 30 mm
Twist drilling (Weldon)	Ø 1 - 13 mm
Countersinking	Ø 10 - 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	1,200 kg
Motor power	900 W
Total power	950 W
Speed (no load)	I 775 rpm
Speed (load 900 W)	I 400 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- Lightest Ø 30 mm magnetic drilling machine:
 - Most compact in class
 - Incredibly easy to handle
- Direct spindle drive and integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reversible handles: to enable you to change the operation side of the feed handles in confined spaces
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

CARBON BRUSH
WEAR INDICATOR



Features



Power surge protection



Power fluctuation protection



Gyro-Tec



Automatic shut-off



Oil lubricated gearbox



Carbon brush wear indicator



2-way magnet (TempTec)



8.5 weight

Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox



ECO.32



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 32 mm
Twist drilling	Ø 1 - 13 mm
Countersinking	Ø 10 - 40 mm
Length	320 mm
Width	210 mm
Height	370 - 512 mm
Stroke	150 mm
Weight*	11 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1,500 kg
Motor power	1,000 W
Total power	1,050 W
Speed (no load)	I 775 rpm
Speed (load 1,000 W)	I 440 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles



Benefits

- One-speed gearbox
- Detachable spindle drive and integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer

Features



Magnet
LED-indicator
(SensorTec)



2-way
magnet
(TempTec)



ECO.32+



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Technical data

Annular cutting	Ø 12 - 32 mm
Twist drilling	Ø 1 - 13 mm
Countersinking	Ø 10 - 40 mm
Length	320 mm
Width	210 mm
Height	370 - 512 mm
Stroke	150 mm
Weight*	11 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1,500 kg
Motor power	1,000 W
Total power	1,050 W
Speed (no load)	I 775 rpm
Speed (load 1,000 W)	I 440 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- One-speed gearbox
- Detachable spindle drive and integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

CARBON BRUSH
WEAR INDICATOR



Features



Power surge protection



Power fluctuation protection



Gyro-Tec



Automatic shut-off



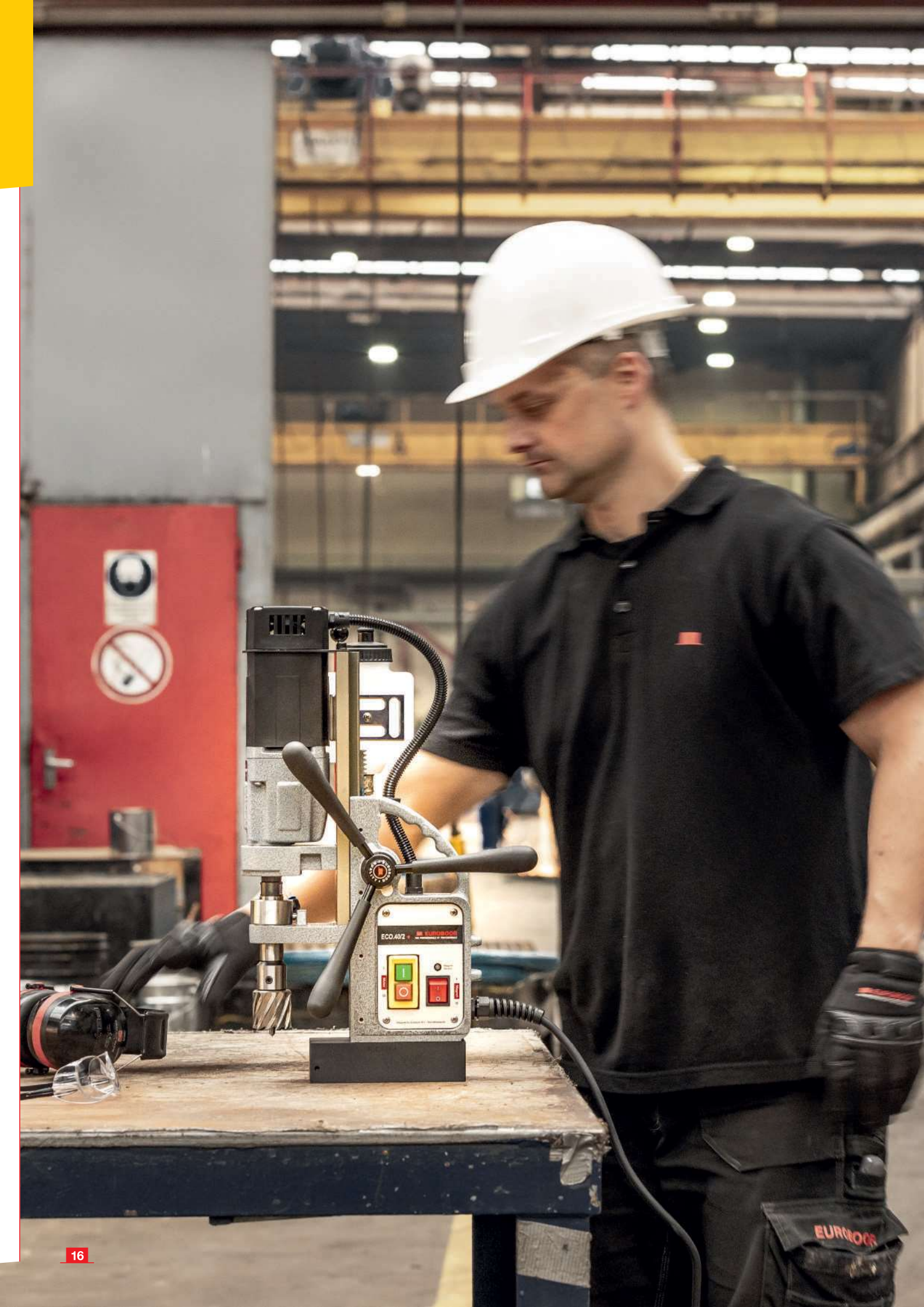
Carbon brush wear indicator



2-way magnet (TempTec)



Magnet LED-indicator (SensorTec)





ECO.40/2+



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 40 mm
Twist drilling	Ø 1 - 13 mm
Countersinking	Ø 10 - 45 mm
Length	320 mm
Width	210 mm
Height	395 - 540 mm
Stroke	150 mm
Weight*	11.5 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1,500 kg
Motor power	1,050 W
Total power	1,100 W
Speed (no load)	I 720 rpm
	II 1,300 rpm
Speed (load 1,050 W)	I 315 rpm
	II 560 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- Particularly suitable for both annular cutting and twist drilling
- Detachable spindle drive and integrated tool cooling and lubrication
- Two-speed gearbox
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement



Shown extras not included.

Features



Power surge protection



Power fluctuation protection



Gyro-Tec



Automatic shut-off



Carbon brush wear indicator



Magnet LED-indicator (SensorTec)



2-way magnet (TempTec)

ECO.40S



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 40 mm
Twist drilling	Ø 1 - 16 mm
Countersinking	Ø 10 - 45 mm
Length	264 mm
Width	180 mm
Height	360 - 440 mm
Stroke	145 mm
Weight*	10.5 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1,500 kg
Motor power	1,150 W
Total power	1,200 W
Speed (no load)	I 600 rpm
Speed (load 1,150 W)	I 380 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles



Benefits

- Lightest Ø 40 mm magnetic drilling machine
- Fits cutters up to 110 mm DoC
- High-efficiency motor with less heat generation
- High-accuracy capstan hub
- Direct spindle drive and integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet causing the machine to use less energy, generate less heat and therefore lasts longer
- Reversible handles: to enable you to change the operation side of the feed handles in confined spaces

Lightest Ø 40 mm
magnetic drilling
machine in the market

Features



Oil lubricated
gearbox



Magnet
LED-indicator
(SensorTec)



2-way
magnet
(TempTec)

Optimised motor efficiency and lifetime of
key components due to oil lubricated gearbox





ECO.40S+



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Technical data

Annular cutting	Ø 12 - 40 mm
Twist drilling	Ø 1 - 16 mm
Countersinking	Ø 10 - 45 mm
Length	264 mm
Width	180 mm
Height	360 - 440 mm
Stroke	145 mm
Weight*	10.5 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1,500 kg
Motor power	1,150 W
Total power	1,200 W
Speed (no load)	I 600 rpm
Speed (load 1,150 W)	I 380 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- Lightest Ø 40 mm magnetic drilling machine
- Fits cutters up to 110 mm DoC
- High-efficiency motor with less heat generation
- High-accuracy capstan hub
- Direct spindle drive and integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement
- Reversible handles: to enable you to change the operation side of the feed handles in confined spaces

Features



Power surge protection



Power fluctuation protection



Gyro-Tec



Integrated motor cable



Automatic shut-off



Oil lubricated gearbox



Carbon brush wear indicator



2-way magnet (TempTec)



Magnet LED-indicator (SensorTec)

Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox



ECO.50-T



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 50 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 55 mm
Tapping	M3 - M20
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	1,850 kg
Motor power	1,250 W
Total power	1,375 W
Speed (no load)	I 100 - 280 rpm
	II 185 - 530 rpm
Speed (load 1,250 W)	I 250 rpm
	II 460 rpm
Spindle (Weldon)	MT2 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles



Benefits

- Two-speed gearbox
- Morse Taper 2 spindle with integrated tool cooling and lubrication
- Two-speed gearbox
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet causing the machine to use less energy, generate less heat and therefore lasts longer

Features



Adjustable speed



R/L rotation



Overheat protection



Magnet LED-indicator (SensorTec)



2-way magnet (TempTec)



Tapping



ECO.50+ / T



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 50 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 55 mm
Tapping	M3 - M20
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	1,850 kg
Motor power	1,250 W
Total power	1,375 W
Speed (no load)	I 100 - 280 rpm
	II 185 - 530 rpm
Speed (load 1,250 W)	I 250 rpm
	II 460 rpm
Spindle (Weldon)	MT2 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

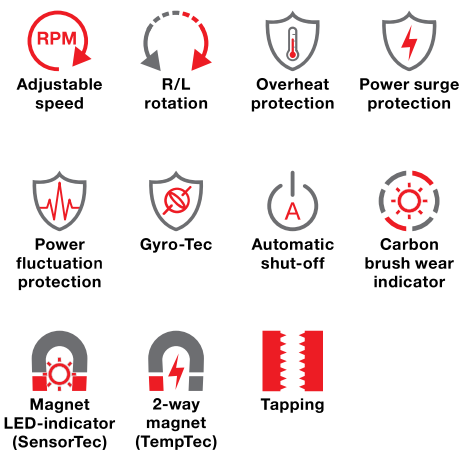
*Exclusive power cord and handles

Benefits

- Two-speed gearbox
- Morse Taper 2 spindle with integrated tool cooling and lubrication
- Two-speed gearbox
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement



Features



ECO.50S



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 50 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 55 mm
Length	320 mm
Width	200 mm
Height	445 - 615 mm
Stroke	170 mm
Weight*	12 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1,700 kg
Motor power	1,250 W
Total power	1,300 W
Speed (no load)	I 380 rpm
	II 690 rpm
Speed (load 1,250 W)	I 235 rpm
	II 415 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles



Benefits

- High-accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet

Features



Oil lubricated
gearbox



Magnet
LED-indicator
(SensorTec)

Optimised motor efficiency and lifetime of
key components due to oil lubricated gearbox





ECO.50S+



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 50 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 55 mm
Length	320 mm
Width	200 mm
Height	445 - 615 mm
Stroke	170 mm
Weight*	12 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1,700 kg
Motor power	1,250 W
Total power	1,300 W
Speed (no load)	I 380 rpm
	II 690 rpm
Speed (load 1,250 W)	I 235 rpm
	II 415 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz









*Exclusive power cord and handles

Benefits

- High-accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement



Features

 Power surge protection	 Power fluctuation protection	 Gyro-Tec	 Automatic shut-off
 Oil lubricated gearbox	 Carbon brush wear indicator	 2-way magnet (TempTec)	 Magnet LED-indicator (SensorTec)

Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox





Drilling as efficiently as you possibly can!

Euroboor's magnetic drilling machines that truly match your level of professionalism. There is no doubt your needs for fully assisted and fastest drilling with the highest accuracy are being met by our **ECO.55s+/T** and **ECO.55s+/TA**



Top features

LED load indicators and digital display with Smart Restart technology

Easily accessible carbon brushes

When replacement is needed the motor will be shut-off automatically

Oil lubricated gearbox

Maximum lubrication

Integrated slide and gearbox system

- High accuracy
- Sturdy design enlarges lifecycle
- Minimal vibration

Automatic drill functionality with automatic return on the ECO.55s+/TA
(Only for annular cutting)

Z-profile guide rails

Maximum contact surface

Clear and easy controls

With RPM dial and right/left rotation functionality



LED load indicators

- | | |
|---|---|
| <p>1. Machine is on.
No load.</p> | <p>2. Start drilling.
Ideal working load.</p> |
| <p>3. When drilling.
Acceptable overload.</p> | <p>4. Close to overload.
Reduce pressure.</p> |

* 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 machine's electronics recognises the reduction and the motor continues. This benefits your drilling process, saves time and prevents excessive tool wear and failure.

🚫 A flashing red light with beeping sound means the overload limit is exceeded. The motor halts.*





ECO.55S+/T



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 55 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 60 mm
Tapping	M3 - M20
Length	320 mm
Width	200 mm
Height	490 - 660 mm
Stroke	170 mm
Weight*	12.9 kg
Magnet (l x w x h)	168 x 84 x 49 mm
Magnetic force	1,850 kg
Motor power	1,600 W
Total power	1,700 W
Speed (no load)	I 60 - 275 rpm
	II 100 - 500 rpm
Speed (load 1,600 W)	I 60 - 275 rpm
	II 100 - 500 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

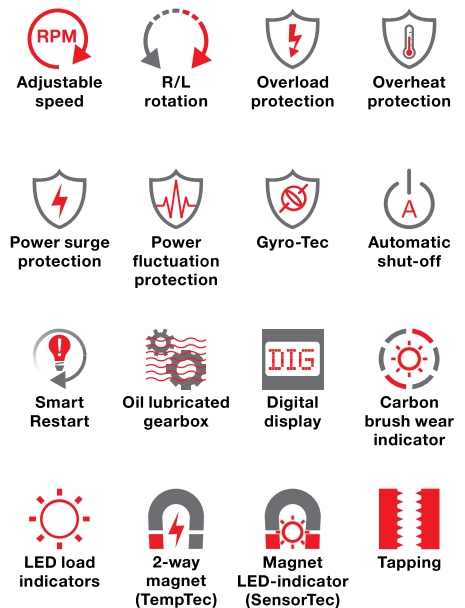
*Exclusive power cord and handles



Benefits

- Easily accessible carbon brushes. Motor will automatically shut-off in case of replacement
- High-accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

Features



Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox







ECO.55S+/TA

Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 55 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 60 mm
Tapping	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	1,850 kg
Motor power	1,600 W
Total power	1,700 W
Speed (no load)	I 60 - 275 rpm
	II 100 - 500 rpm
Speed (load 1,600 W)	I 60 - 275 rpm
	II 100 - 500 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

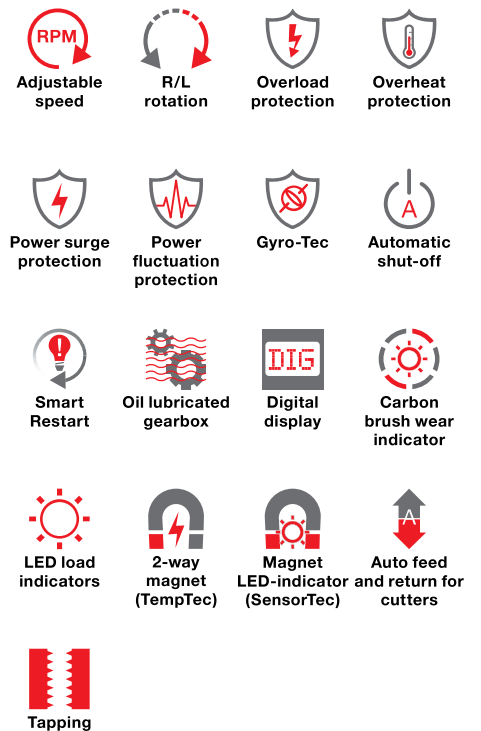
*Exclusive power cord and handles



Benefits

- Easily accessible carbon brushes. Motor will automatically shut-off in case of replacement
- High-accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

Features



Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox



SAFETY FIRST





ECO.60S+



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 60 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 65 mm
Length	320 mm
Width	200 mm
Height	452 - 622 mm
Stroke	170 mm
Weight*	12.9 kg
Magnet (l x w x h)	168 x 84 x 49 mm
Magnetic force	1,850 kg
Motor power	1,600 W
Total power	1,700 W
Speed (no load)	I 60 - 275 rpm
	II 100 - 500 rpm
Speed (load 1,600 W)	I 60 - 275 rpm
	II 100 - 500 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- High-accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement



Features



Adjustable speed



Overload protection



Overload protection



Overheat protection



Power surge protection



Power fluctuation protection



Gyro-Tec



Automatic shut-off



Oil lubricated gearbox



Carbon brush wear indicator



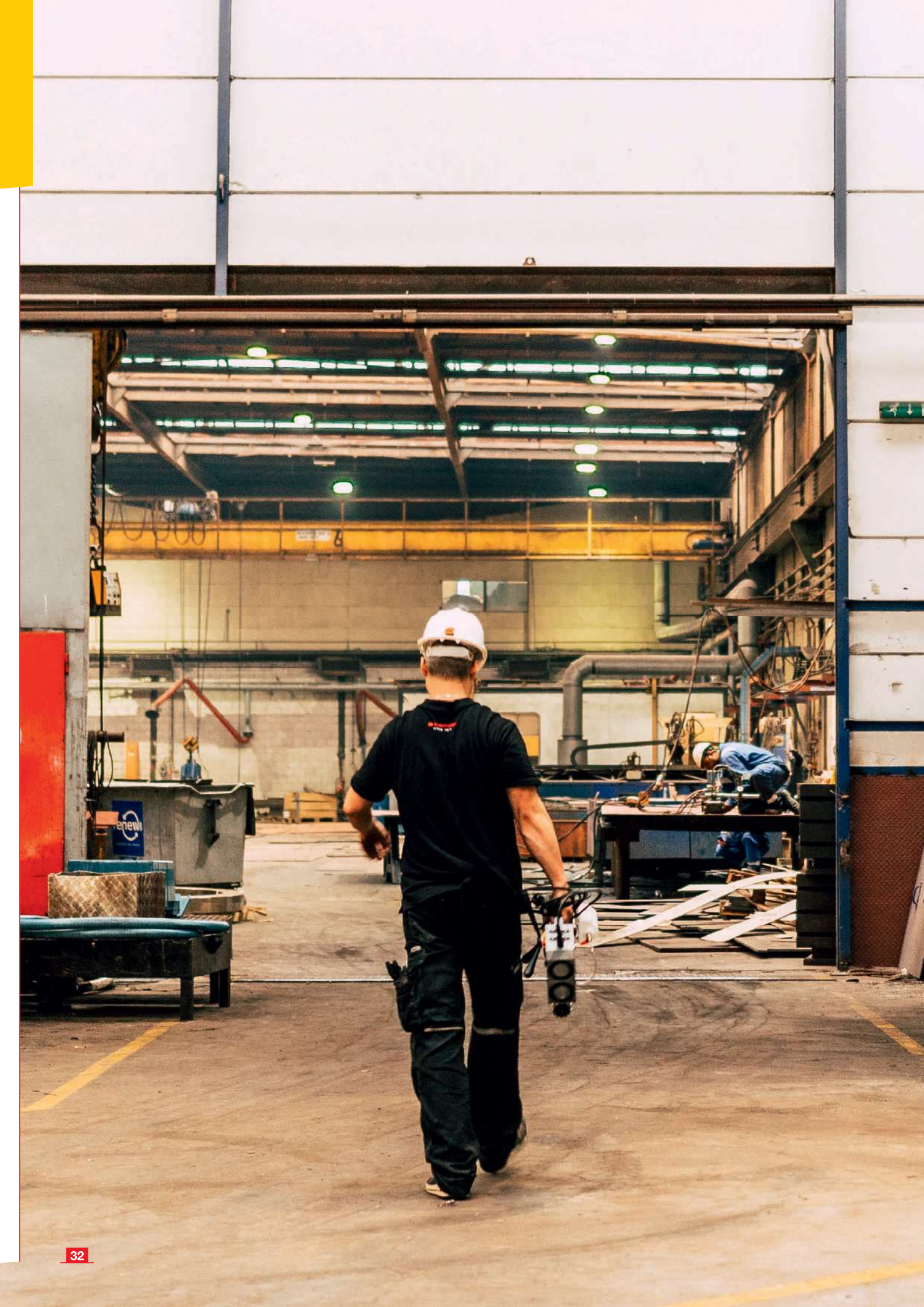
2-way magnet (TempTec)



Magnet LED-indicator (SensorTec)

Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox







ECO.80S+

Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 80 mm
Twist drilling	Ø 1 - 31.75 mm
Countersinking	Ø 10 - 85 mm
Length	365 mm
Width	310 mm
Height	510 - 710 mm
Stroke	260 mm
Weight*	27.3 kg
Magnet (l x w x h)	220 x 110 x 64 mm
Magnetic force	3,000 kg
Motor power	1,700 W
Total power	1,800 W
Speed (no load)	I 200 rpm
	II 300 rpm
	III 415 rpm
	IV 650 rpm
Speed (load 1,700 W)	I 150 rpm
	II 200 rpm
	III 275 rpm
	IV 400 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")**
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles



Benefits

- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

Features



Overheat protection



Power surge protection



Power fluctuation protection



Gyro-Tec



Automatic shut-off



Oil lubricated gearbox



Carbon brush wear indicator



2-way magnet (TempTec)



Magnet LED-indicator (SensorTec)

Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox



** Optional with 31.75 mm





ECO.100S+/T

Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 100 mm
Twist drilling	Ø 1 - 31.75 mm
Countersinking	Ø 10 - 105 mm
Tapping	M3 - M30
Length	365 mm
Width	310 mm
Height	510 - 710 mm
Stroke	260 mm
Weight*	27.8 kg
Magnet (l x w x h)	220 x 110 x 64 mm
Magnetic force	3,000 kg
Motor power	1,900 W
Total power	2,050 W
Speed (no load)	I 42 - 110 rpm
	II 65 - 190 rpm
	III 140 - 400 rpm
	IV 220 - 620 rpm
Speed (load 1,900 W)	I 85 rpm
	II 152 rpm
	III 270 rpm
	IV 480 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

Features

- Adjustable speed (RPM)
- Torque control (Nm)
- R/L rotation
- Overheat protection
- Power surge protection
- Power fluctuation protection
- Gyro-Tec
- Automatic shut-off
- Oil lubricated gearbox
- Carbon brush wear indicator
- 2-way magnet (TempTec)
- Magnet LED-indicator (SensorTec)
- Tapping

Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox







ECO.100S+/TD

Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 100 mm
Twist drilling	Ø 1 - 31.75 mm
Countersinking	Ø 10 - 105 mm
Tapping	M3 - M30
Length	365 mm
Width	310 mm
Height	515 - 715 mm
Stroke	260 mm
Weight*	31 kg
Magnet (l x w x h)	220 x 110 x 64 mm
Magnetic force	3,000 kg
Motor power	1,900 W
Total power	2,050 W
Speed (no load)	I 42 - 110 rpm
	II 65 - 190 rpm
	III 140 - 400 rpm
	IV 220 - 620 rpm
Speed (load 1,900 W)	I 85 rpm
	II 152 rpm
	III 270 rpm
	IV 480 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- Precise positioning swivel base, rotate the machine 30° both ways and slide 15-20 mm forward and backwards
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

Features



Adjustable speed



Torque control



R/L rotation



Overheat protection



Power surge protection



Power fluctuation protection



Gyro-Tec



Automatic shut-off



Oil lubricated gearbox



Carbon brush wear indicator



2-way magnet (TempTec)



Magnet LED-indicator (SensorTec)



Swivelbase magnet



Tapping



Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox



ECO.200/T



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 200 mm
Twist drilling	Ø 1.5 - 50 mm
Countersinking	Ø 10 - 205 mm
Tapping	M3 - M48
Length	515 mm
Width	265 mm
Height	650 - 905 mm
Stroke	255 mm
Weight*	59 kg
Magnet (l x w x h)	350 x 125 x 65 mm
Magnetic force	2,293 kg
Motor power	2,600 W
Total power	2,750 W
Speed (no load)	I 40 - 80 rpm
	II 60 - 125 rpm
	III 145 - 300 rpm
	IV 230 - 470 rpm
Speed (load 2600 W)	I 40 - 80 rpm
	II 60 - 125 rpm
	III 145 - 300 rpm
	IV 230 - 470 rpm
Spindle (Weldon)	MT4 31.75 mm (1 1/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles



Benefits

- Four-speed gearbox
- Integrated tool cooling and lubrication tank and fluid level indication
- Integrated safety strap and lifting shackle
- Progressive feed assist
- Morse Taper 4 spindle
- Strong triple coil CNC machined magnet
- Brushless technology

Features



Adjustable speed



R/L rotation

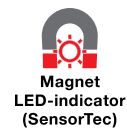


Magnet LED-indicator (SensorTec)



Tapping





F16



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Twist drilling	Ø 1 - 16 mm*
Length	310 mm
Width	170 mm
Height	325 - 495 mm
Stroke	170 mm
Weight**	7.5 kg
Magnet (l x w x h)	160 x 80 x 36 mm
Magnetic force	1,200 kg
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Hand drill dependable

**Exclusive power cord and handles

Benefits

- Perfect solution for high-precision small diameter drilling tasks
- 43 mm Euro collar connection (33 mm and 38 mm filler rings included)
- Safe and easy rear mounted socket
- High-accuracy capstan hub
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet
- Reversible handles: to enable you to change the operation side of the feed handles in confined spaces

Suitable for your
favorite hand drilling
machine



Mounted hand drilling machine not included.



F16+



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Twist drilling	Ø 1 - 16 mm*
Length	310 mm
Width	170 mm
Height	325 - 495 mm
Stroke	170 mm
Weight**	7.5 kg
Magnet (l x w x h)	160 x 80 x 36 mm
Magnetic force	1,200 kg
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Hand drill dependable

**Exclusive power cord and handles

Benefits

- Perfect solution for high-precision small diameter drilling tasks
- 43 mm Euro collar connection (33 mm and 38 mm filler rings included)
- Safe and easy rear mounted socket
- High-accuracy capstan hub
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet causing the machine to use less energy, generate less heat and therefore lasts longer
- Reversible handles: to enable you to change the operation side of the feed handles in confined spaces
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- No unexpected downtime or unnecessary part replacement



Features

- Power surge protection
- Power fluctuation protection
- Gyro-Tec
- 2-way magnet (TempTec)
- Magnet LED-indicator (SensorTec)

Mounted hand drilling machine not included.

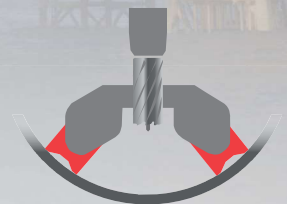
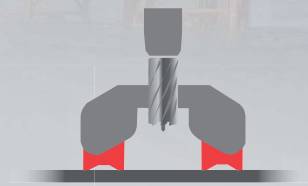
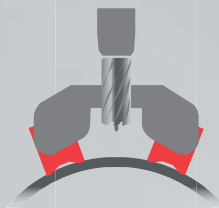
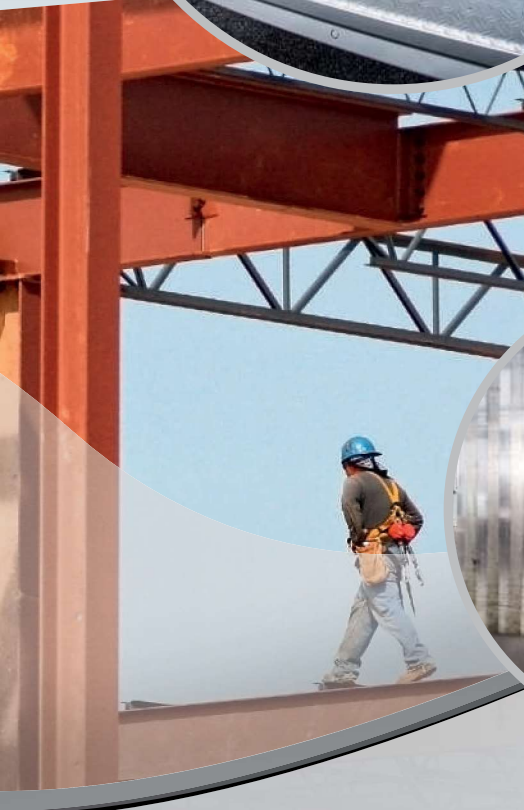


Unique design, unique usage

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

Meet our TUBE-serie, an innovative generation drilling machines specifically designed for drilling on curved material. By joining forces with Magswitch, technology leader in switchable magnetic technology, we have been able to develop a concept that instantly

addresses, and drastically improves work efficiency in the pipe industry. Not only will these help you save time. 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 do not require electrical power.

Light

The machines are extremely light.
TUBE.30 - 10.3 kg
TUBE.30^{S+} - 11 kg
TUBE.55S/T - 17.6 kg
TUBE.55^{S+/T} - 17.6 kg
TUBE.55/AIR - 16.7 kg

Strong

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

Easy to use

Automatically conform to any pipe Ø 76.2 mm or larger in diameter.

Efficient

One tool for flat or round surfaces without the need for expensive adapters – save time and money.

TUBE.30



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 30 mm
Twist drilling (Weldon)	Ø 1 - 13 mm
Countersinking	Ø 10 - 35 mm
Length	275 mm
Width	185 mm
Height	326 - 416 mm
Stroke	90 mm
Weight*	10.3 kg
Magnet (l x w x h)	187 x 165 x 83 mm
Magnetic force	532 kg
Min. material thickness	3 mm
Min. pipe diameter	76.2 mm
Motor power	900 W
Total power	950 W
Speed (no load)	I 775 rpm
Speed (load 900 W)	I 400 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- The magnets can be adjusted for the best position on round and flat surfaces
- High-accuracy capstan hub
- Direct spindle drive and integrated tool cooling and lubrication
- One-speed gearbox
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Reversible handles: to enable you to change the operation side of the feed handles in confined spaces
- Also available with permanent base magnet (page. 12)





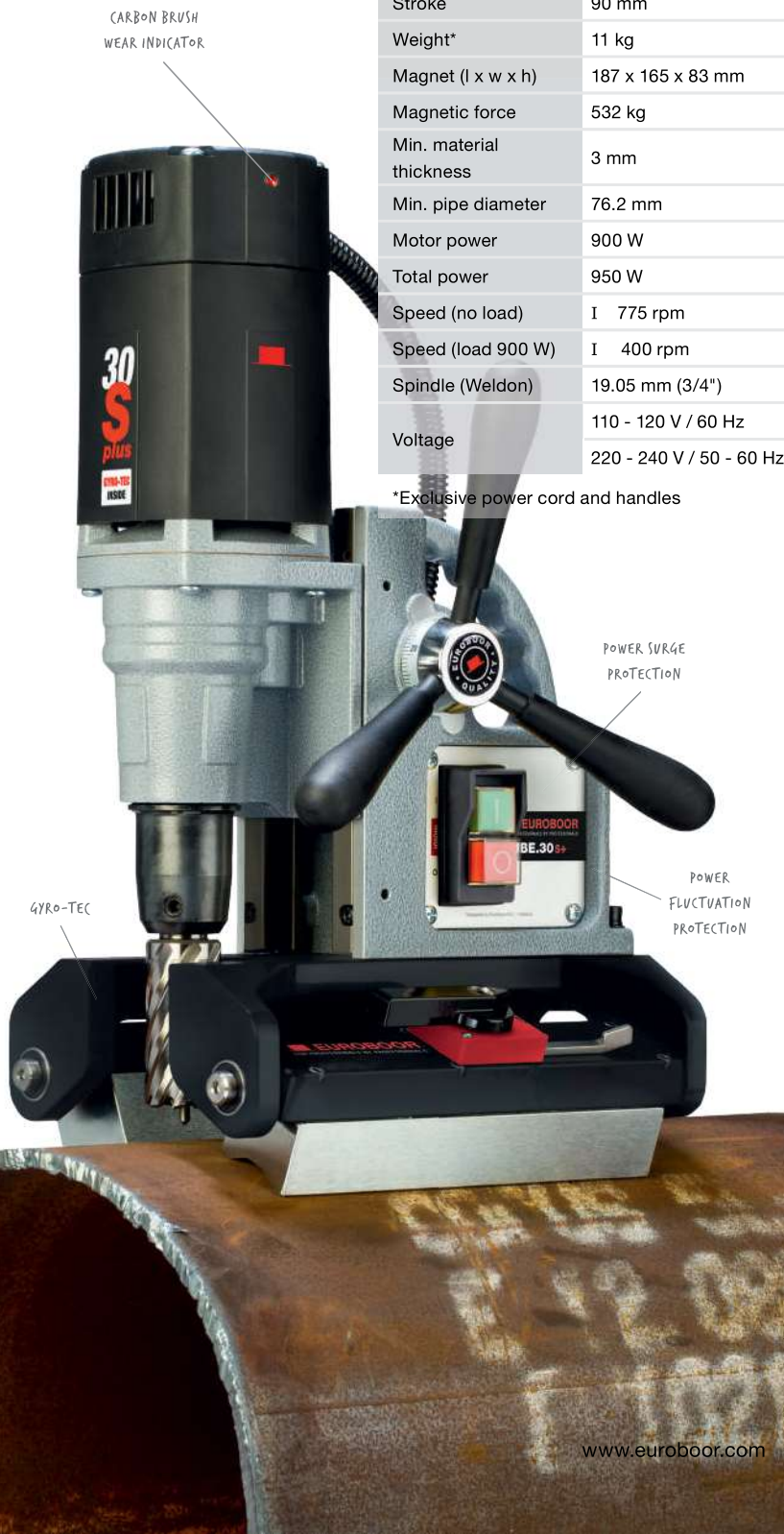
TUBE.30S+

Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 30 mm
Twist drilling (Weldon)	Ø 1 - 13 mm
Countersinking	Ø 10 - 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
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Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles



Benefits

- The magnets can be adjusted for the best position on round and flat surfaces
- High-accuracy capstan hub
- Direct spindle drive and integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Reversible handles: to enable you to change the operation side of the feed handles in confined spaces
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement
- Also available with permanent base magnet (page. 13)

Features



Power surge protection



Power fluctuation protection



Gyro-Tec



Automatic shut-off



Oil lubricated gearbox



Carbon brush wear indicator

Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox



TUBE.55S/T



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 55 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 60 mm
Tapping	M3 - M20
Length	320 mm
Width	210 mm
Height	523 - 693 mm
Stroke	170 mm
Weight*	16 kg
Magnet (l x w x h)	266 x 239 x 82 mm
Magnetic force	900 kg
Min. material thickness	3 mm
Min. pipe diameter	80 mm
Motor power	1,600 W
Total power	1,700 W
Speed (no load)	I 60 - 275 rpm
	II 100 - 500 rpm
Speed (load 1,600 W)	I 60 - 275 rpm
	II 100 - 500 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- The magnets can be adjusted for the best position on round and flat surfaces
- Easily accessible carbon brushes. Motor will automatically shut-off in case of replacement
- High-accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Also available with permanent base magnet (page. 26)

Features



Adjustable speed



R/L rotation



Overload protection



Overheat protection



Gyro-Tec



Smart Restart



Oil lubricated gearbox



Digital display



LED load indicators



Tapping

Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox





TUBE.55S+/T

Watch our machines in action on:
www.youtube.com/euroboorby

Technical data	
Annular cutting	Ø 12 - 55 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 60 mm
Tapping	M3 - M20
Length	320 mm
Width	210 mm
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Speed (no load)	I 60 - 275 rpm
	II 100 - 500 rpm
Speed (load 1,600 W)	I 60 - 275 rpm
	II 100 - 500 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

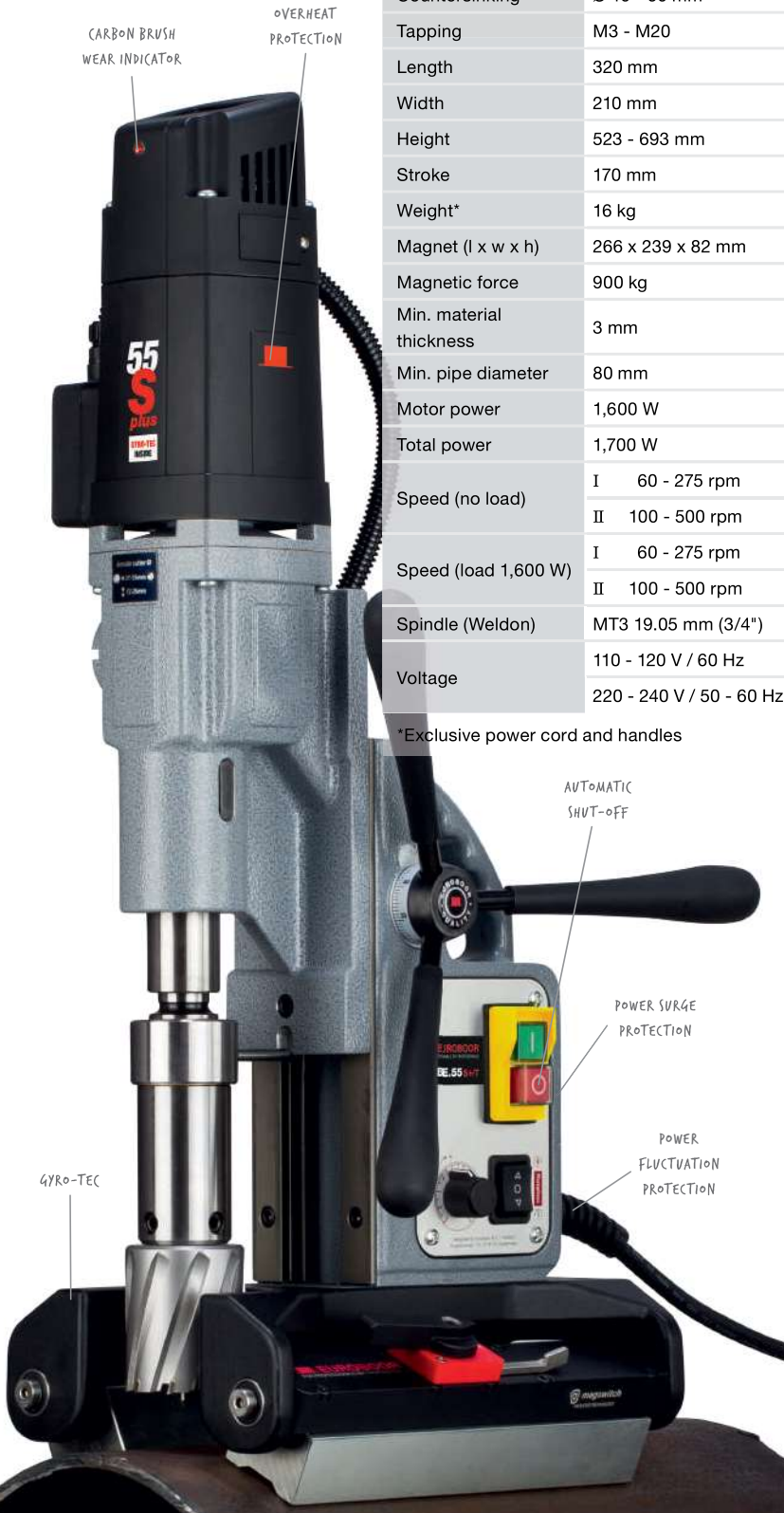
Benefits

- The magnets can be adjusted for the best position on round and flat surfaces
- Easily accessible carbon brushes. Motor will automatically shut-off in case of replacement
- High-accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

Features

Adjustable speed	R/L rotation	Overload protection	Overheat protection
Power surge protection	Power fluctuation protection	Gyro-Tec	Automatic shut-off
Smart Restart	Oil lubricated gearbox	Digital display	Carbon brush wear indicator
LED load indicators	Tapping		

Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox



TUBE.55/AIR



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 52 mm (HSS) Ø 12 - 55 mm (TCT)
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 55 mm
Length	345 mm
Width	245 mm
Height	630 - 730 mm
Stroke	167 mm
Weight*	16.7 kg
Magnet (l x w x h)	275 x 190 x 80 mm
Magnetic force	900 kg
Min. material thickness	3 mm
Min. pipe diameter	80 mm
Speed (no load)	380 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Power source	Air, min. 6.3 bar, max. 8 bar, consumption 1.1 m ³ /min

*Exclusive handles

Benefits

- Air-powered motor system
- The magnets can be adjusted for the best position on round and flat surfaces
- Powerful, spark-free, explosion-safe motor
- Large 167 mm stroke
- Automatic, integrated lubrication and cooling system
- Anti-static construction
- Also available with permanent base magnet (page. 53)

Magnet benefits

- Permanent, non-electric magnet system
- No loss of magnetic grip in case of electric power cuts or fluctuations
- Flexible dual magnet array which automatically adjust to the geometry of the workpiece
- Powerful hold, even on thinner steel thicknesses

Features



Air motor:
min 6.3 bar
(90 PSI)



Atex





VAC.50s+

Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	
- steel and hard metals	Ø 12 - 30 mm
- other metals and plastic	Ø 12 - 50 mm
Twist drilling	
- steel and hard metals	Ø 1 - 13 mm
- other metals and plastic	Ø 1 - 23 mm
Countersinking	Ø 10 - 55 mm
Length	430 mm
Width	190 mm
Height	420 - 590 mm
Stroke	170 mm
Weight*	9.9 kg
Magnet (l x w x h)	300 x 140 x 21 mm
Adsorption force	300 kg
Vacuum motor (integrated)	
- Air flow	15 L/min
- Gauge pressure	-80 kPa
- Power	12 W
- Voltage	12 V
Motor power	1,250 W
Total power	1,300 W
Speed (no load)	I 380 rpm
	II 690 rpm
Speed (load 1,250 W)	I 235 rpm
	II 415 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- High-accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Vacuum technology for almost all (magnetic and non-magnetic) smooth surfaces
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement



Features

- Power surge protection
- Vacu-Tec
- Integrated motor cable
- Automatic shut-off
- Oil lubricated gearbox
- Carbon brush wear indicator
- Vacuum LED-indicator

Optimised motor efficiency and lifetime of key components due to oil lubricated gearbox



ECO.36



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 36 mm
Twist drilling (Weldon)	Ø 1 - 14 mm
Countersinking	Ø 10 - 40 mm
In-corner drilling	0° 50 mm centre to edge
	90° 53 mm centre to edge
	45° 60 mm centre to edge
Length	310 mm
Width	135 mm
Height	165 mm
Stroke	40 mm
Weight*	10.3 kg
Magnet (l x w x h)	160 x 80 x 37 mm
Magnetic force	1,200 kg
Motor power	1,050 W
Total power	1,100 W
Speed (no load)	I 700 rpm
Speed (load 1,050 W)	I 400 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handle





Benefits

- One-speed gearbox
- User friendly Quick-Connect cutter fitment system
- Integrated carrying handle and safety strap attachment
- Left and right mount ability of detachable ratchet feed handle
- Integrated tool cooling and lubrication
- Removable and slideable safety guard
- Lubrication bottle with magnet attachment
- Strong dual coil CNC machined 2-way magnet causing the machine to use less energy, generate less heat and therefore lasts longer

Lowest machine
in the market



Features

-  Integrated motor cable
-  2-way magnet (TempTec)
-  In-corner: 50 mm
-  Height: 165 mm



ECO.36+

Watch our machines in action on:
www.youtube.com/euroboorby

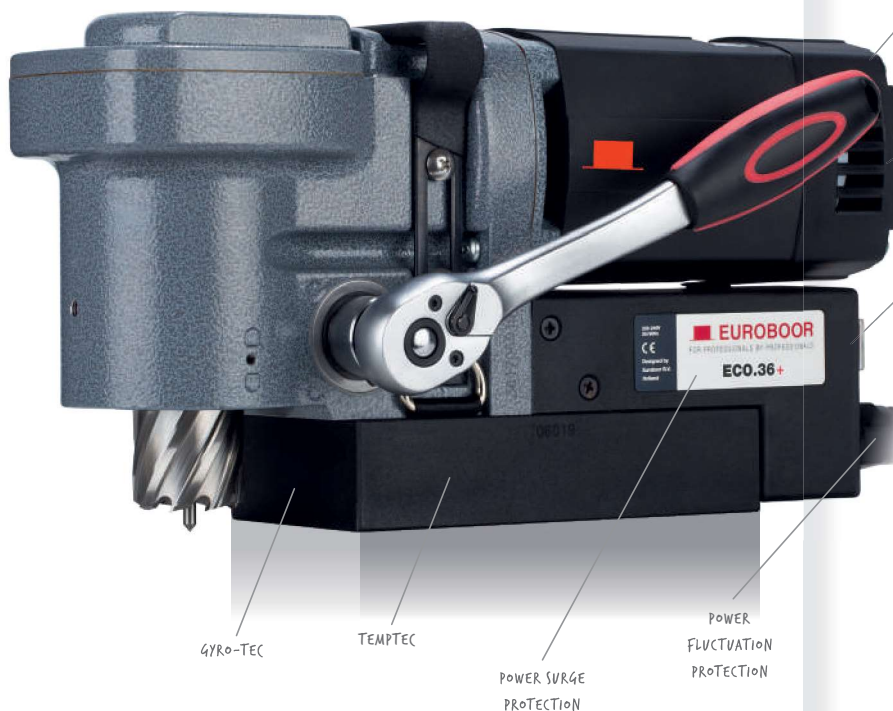
Technical data

Annular cutting	Ø 12 - 36 mm
Twist drilling (Weldon)	Ø 1 - 14 mm
Countersinking	Ø 10 - 40 mm
In-corner drilling	0° 50 mm centre to edge
	90° 53 mm centre to edge
	45° 60 mm centre to edge
Length	310 mm
Width	135 mm
Height	165 mm
Stroke	40 mm
Weight*	10.3 kg
Magnet (l x w x h)	160 x 80 x 37 mm
Magnetic force	1,200 kg
Motor power	1,050 W
Total power	1,100 W
Speed (no load)	I 700 rpm
Speed (load 1,050 W)	I 400 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handle

Benefits

- One-speed gearbox
- User friendly Quick-Connect cutter fitment system
- Integrated carrying handle and safety strap attachment
- Left and right mount ability of detachable ratchet feed handle
- Integrated tool cooling and lubrication
- Removable and slideable safety guard
- Lubrication bottle with magnet attachment
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement



CARBON BRUSH WEAR INDICATOR

INTEGRATED MOTOR CABLE

AUTOMATIC SHUT-OFF

Features



Power surge protection



Power fluctuation protection



Gyro-Tec



Integrated motor cable



Automatic shut-off



Carbon brush wear indicator



2-way magnet (TempTec)



In-corner: 50 mm



Height: 165 mm

GYRO-TEC

TEMPTec

POWER SURGE PROTECTION

POWER FLUCTUATION PROTECTION

EBM.360



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 36 mm
Twist drilling	Ø 1 - 13 mm
Countersinking	Ø 10 - 40 mm
Length	297 mm
Width	112 mm
Height	420 - 610 mm
Stroke	230 mm
Weight*	11.7 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1,700 kg
Motor power	1,300 W DC
Total power	1,350 W DC
Speed (no load)	I 506 rpm
Speed (load 1,300 W)	I 375 rpm
Spindle (Weldon)	19.05 mm (3/4")
Power source	37 V Battery 2.6 Ah li-ion

*Exclusive handles



Benefits

- Powerful battery with charger
- Powerful high-torque DC motor
- Multi-level electronic protection for optimal safety
- Extremely short battery charging time
- Detachable spindle and integrated tool cooling and lubrication
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet



From 0% to 75% battery charge in 17 minutes! Battery charge 75% to 100% takes 58 minutes. Fully charged in 75 minutes.

AIR.55



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 52 mm (HSS) Ø 12 - 55 mm (TCT)
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 55 mm
Length	380 mm
Width	245 mm
Height	615 - 705 mm
Stroke	167 mm
Weight*	16.5 kg
Magnet (l x w x h)	183 x 100 x 55 mm
Magnetic force	900 kg
Speed (no load)	380 rpm
Spindle (Weldon)	MT3 19.05 mm (3/4")
Power source	Air, min. 6.3 bar, max. 8 bar, consumption 1.1 m ³ /min

*Exclusive handles



Benefits

- Air-powered motor system
- Powerful, spark-free, explosion-safe motor
- Single operation knob for magnet and motor with 'deadman's' control
- Large 167 mm stroke
- Automatic, integrated lubrication and cooling system
- Anti-static construction
- Safety guard
- Also available with permanent tube magnet for both pipe and flat material (page. 48)

Magnet benefits

- Permanent, non-electric monobloc magnet system
- No loss of magnetic grip in case of electric power cuts or fluctuations
- Powerful hold, even on thinner steel thicknesses

Features



Air motor:
min 6.3 bar
(90 PSI)



Atex

RAIL.40S



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 36 mm
Length	230 mm
Width	180 mm
Height	495 - 610 mm
Stroke	155 mm
Weight*	12 kg
Motor power	1,150 W
Total power	1,200 W
Speed (no load)	I 600 rpm
Speed (load 1,150 W)	I 380 rpm
Spindle (Weldon)	19.05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

*Exclusive power cord and handles

Benefits

- Suitable for processing rails
- High-efficiency motor with less heat generation
- High-accuracy capstan hub
- Direct spindle drive
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction



Including 6 different rail adapter versions:
 S49, S54, TRC68, UIC50, UIC54 and UIC60.

Features



Oil lubricated
gearbox

Optimised motor efficiency and lifetime of
key components due to oil lubricated gearbox



RAIL.360



Watch our machines in action on:
www.youtube.com/euroboorby

Technical data

Annular cutting	Ø 12 - 36 mm
Twist drilling	Ø 1 - 13 mm
Countersinking	Ø 10 - 40 mm
Length	297 mm
Width	112 mm
Height	420 - 610 mm
Stroke	230 mm
Weight*	11.7 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1,700 kg
Motor power	1,300 W DC
Total power	1,350 W DC
Speed (no load)	I 506 rpm
Speed (load 1,300 W)	I 375 rpm
Spindle (Weldon)	19.05 mm (3/4")
Power source	37 V Battery 2.6 Ah li-ion

Benefits

- Powerful battery with charger
- Powerful high-torque DC motor
- Multi-level electronic protection for optimal safety
- Extremely short battery charging time
- Detachable spindle and integrated tool cooling and lubrication
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction



Including 6 different rail adapter versions:
 S49, S54, TRC68, UIC50, UIC54 and UIC60.

Optimised motor efficiency and lifetime of
 key components due to oil lubricated gearbox

