

Quality power tools
MADE IN GERMANY
since 1919



EIBENSTOCK
Elektrowerkzeuge



GENERAL CATALOG 2014

DRILLING/SCREWING/CHISELLING

DIAMOND CORE DRILLING

MIXING

SANDING/MILLING/SMOOTHING

SAWING/CUTTING/SPLITTING

POLISHING/CALENDERING

VACUUMING



Today

permanent company expansion at buildings and equipments,
more than 200 employees, export share 50 %

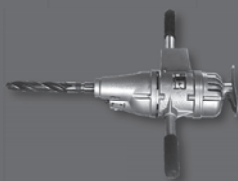
1993

Privatisation to
„Elektrowerkzeuge GmbH Eibenstock“

1972

Nationalisation

1950



1930



1919

Martin Hönnecke founded a company in Leipzig
with specialisation on the power tool industry





The company was founded in 1919 and from the start specialised in professional products for heavy construction site use. With this strategy, an above average growth has been reached over recent years. More than 90 % of all components are produced in the own facilities.

The employees proudly say that the brand name EIBENSTOCK enjoys a good reputation among both industrial and building trade costumers. The basis for this is formed through the connection of a long tradition with current development results, a well educated and skilled staff, latest manufacturing technology, an extensive quality assurance system and a creative development team under a dynamic management. They are a leader of continuously developed innovative products exported to more than 50 countries.

The current product range includes manual drills, diamond core drills, drill rigs, stirres, wall chasers, concrete grinders, scouring machines, diamond saws, polishers, calenders, dry-wall sanders, dry-wall screwdrivers, smoothing machines for plaster and insulating boards, special power tools and drive motors.

Thanks to extensive investments in the area of motor and gearbox manufacturing, the company is able to meet the high standards in international competition, with a favourable price-performance ratio.

Our reliable products and professionalism speak for themselves.



POWER TOOLS FROM EIBENSTOCK

For more than 90 years quality products used in industry and craft trade

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Fax: +49 (0) 3 77 52 - 20 19

E-Mail: office@ee-eibenstock.de · Internet: www.eibenstock.com



CUSTOMER SERVICE

Our products are exclusively available through qualified dealers, who can advise you on our vast range of products. Furthermore, our telephone Customer Service team, for technical questions, problems and solutions is open from 8.00 am to 4.30 pm, Monday to Thursday, and from 8.00 am to 3.30 pm on Friday. You can also send us your questions by Fax or E-mail. Our representatives will be more than happy to help.

Phone: +49 (0) 37752-5030 | Fax: +49 (0) 37752-2019
E-mail: office@ee-eibenstock.de

CUSTOMER CONTACT

We look forward speaking to our customers and users at a variety of National and International fairs, training days and on site. Our customer contact allows us to develop our products to the needs of the user and results in a high level of user friendliness as well as a significant saving on working time and thus cost.





REPAIR SERVICE

We guarantee the continuous availability of all spare parts to our customers across the whole product range. We also promise to stock spare parts from discontinued products for at least 10 years. Our spares are widely available from your local EIBENSTOCK retailer, which are provided with full manufacturers support. If you have any questions or need contact information please contact us on:

Phone: +49 (0) 37752-5030 | Fax: +49 (0) 37752-2019
E-mail: office@ee-eibenstock.de

WARRANTY

All our power tools come with a one year warranty, as required by law. If you need to make a warranty claim, please send the repair, together with the proof of purchase to an authorised dealer.

INTERNET

If you would like more information about EIBENSTOCK then head to our website for the most up to date news. There you will find everything about EIBENSTOCK, our products, current news, exhibition dates and downloadable technical information.

www.eibenstock.com



PROBLEM SOLUTIONS ALL AROUND THE CONSTRUCTION SITE

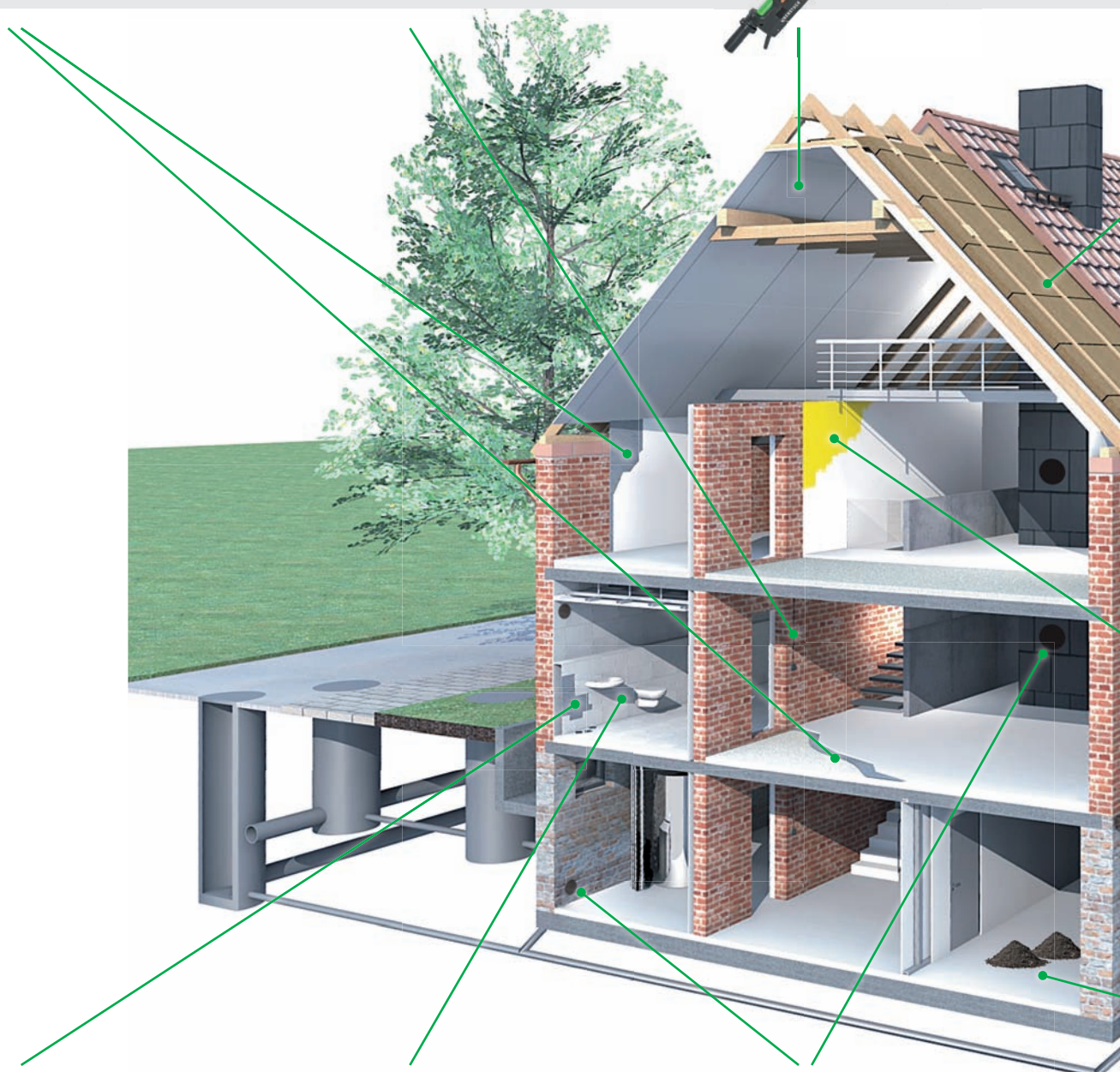
**Sanding surfaces, milling/
redeveloping surfaces**



**Slitting of installation
channels**



**Assembly and sanding
of drywall installations**



**Chiselling and
chasing of material**



Drilling of tiles and slabs



**Drilling/
installation openings**



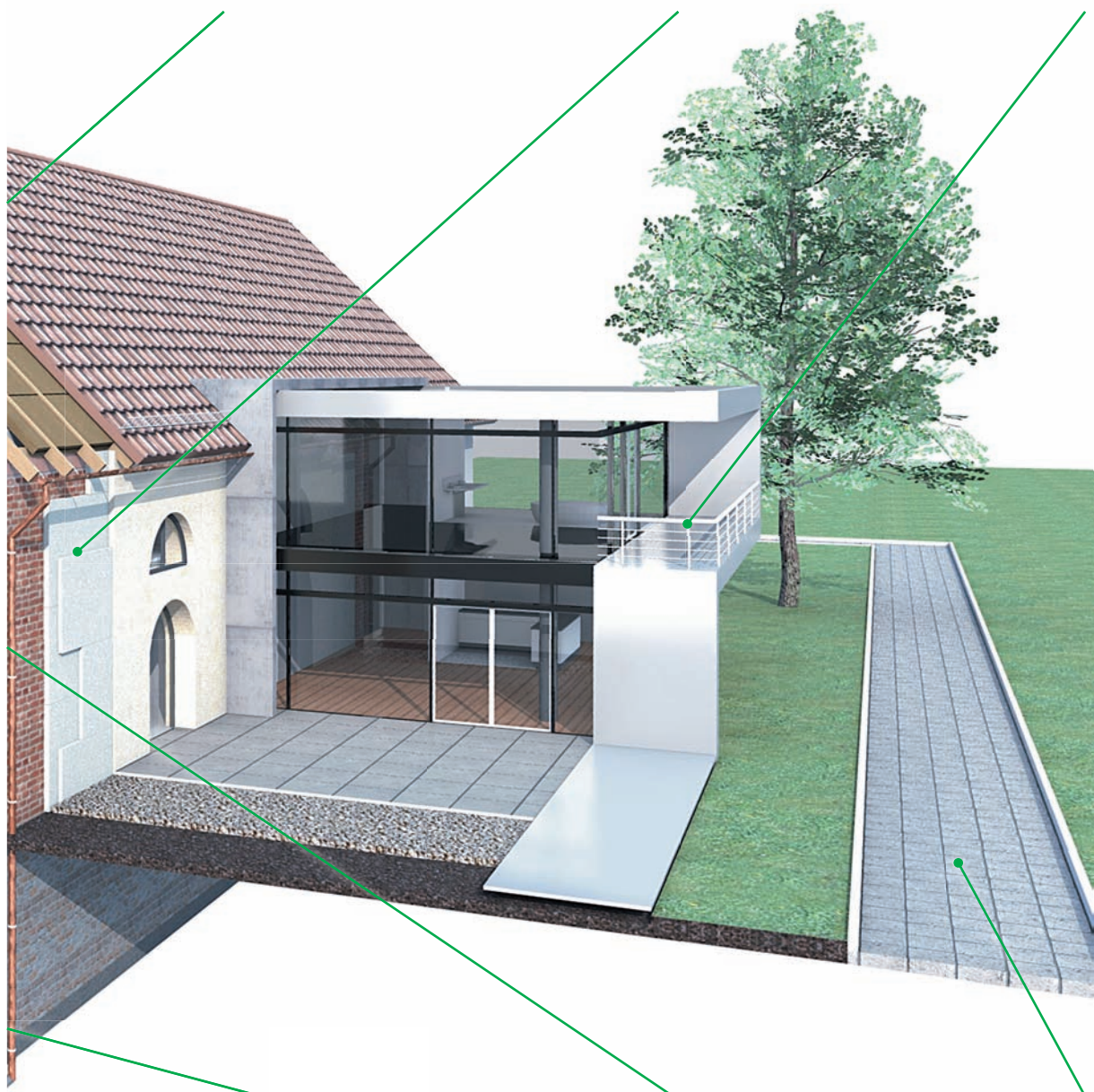
**Drilling and screwing
of wood and metal**



**Finishing of insulation
material and facades**



**Polishing and sanding
of surfaces**



DESIGNED BY **Furoris gruppe** IN SAXONY

**Vacuuming of dust and
mud/cleaning of the
construction site**



Mixing of building material



Cutting of material





THE RIGHT MACHINE FOR THE USER

	Painter/ Stucco plasterer	Electrician	Tiler	Plasterer/Builder	Sanitary, heating, ven- tilation construction	Chimney builder	Roofer/ Carpenter	Gardening and lands- caping/Stonemason	Dry-wall installation	Civil engineering	Steel and metal construction	Drilling operation	Page
Drilling/Screwing/Chiselling													
EHB 16/1.4 S R/L							x				x		14
EHB 16/2.4 S R/L							x				x		14
EHB 20/2.4							x				x		15
EHB 32/2.2 R R/L							x				x		16
EHB 32/4.2							x				x		16
Dry-wall screwdriver ESR 450									x				17
Dry-wall screwdriver ESR 500									x				17
Chiselling hammer EMH 650		x	x		x								18
Diamond dry core drills													
EHD 1300		x			x								23
EHD 2000 S		x			x								25
EHD 1801					x	x							27
ESD 1801		x			x								29
Diamond wet-dry core drills													
ETN 130/3 P		x			x	x				x		x	31
ETN 162/3		x			x	x				x		x	33
PLD 160		x			x	x				x		x	35
Diamond wet core drills													
END 712 P			x		x			x		x	x		37
END 1550 P		x	x		x			x		x	x		39
Diamond core drilling units													
DB 160										x			46
DBE 162		x			x	x				x		x	47
PLE 160		x			x	x				x		x	48
DBE 182		x			x					x		x	49
DBE 250 R					x					x		x	50
DBE 300					x					x		x	51
DBE 352					x					x		x	52
PLE 450 B					x					x		x	53
Tile drilling machine EFB 152 PX			x					x					58
Mixing													
Stirrer EHR 14.1 SK Set	x		x	x		x			x				62
Stirrer EHR 15.1 SB Set	x		x	x		x				x			62
Stirrer EHR 18 S Set	x		x	x		x				x			63
Stirrer EHR 20.1 R Set	x		x	x		x		x		x			63
Stirrer EHR 20/2.5 S Set	x		x	x		x		x		x			64
Stirrer EHR 23/2.4 S Set	x			x				x		x			64
Contra twin stirrer EZR 22 R R/L Set	x			x						x			66
Mixing station Automix 1801	x			x						x			68
Mixing station Automix 90	x			x						x			68



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DRILLING SCREWING CHISELLING



Model	Catalogue page	Max. drilling \varnothing	Spindle connection	Power input	Rated speed
HAND-HELD DRILLING					
 EHB 16/1.4 S R/L	14	 Wood 65 mm  Alu 28 mm  Steel 20 mm	B 18	1,150 W	0-450 rpm
 EHB 16/2.4 S R/L	14	 Wood 65 mm  Alu 28 mm  Steel 16 mm	$\frac{5}{8}$ " x 16 UN	1,100 W	0-430/ 0-760 rpm
 EHB 20/2.4	15	 Wood 70 mm  Alu 40 mm  Steel 20 mm	MT 2	1,150 W	250/ 450 rpm
 EHB 32/2.2 R R/L	16	 Wood 100 mm  Alu 60 mm  Steel 32 mm	MT 3	1,800 W	60-140/ 200-470 rpm
 EHB 32/4.2	16	 Wood 100 mm  Alu 60 mm  Steel 32 mm	MT 3	1,700 W	110/175/ 245/385 rpm
SCREWING					
 ESR 450	17	 5 mm	$\frac{1}{4}$ "	450 W	No-load speed 0-4,000 rpm
 ESR 500	17	 5 mm	$\frac{1}{4}$ "	500 W	0-4,650 rpm
CHISELLING					
 EMH 650	18	-	SDS-plus	650 W	No-load impact rate 0-3,200 rpm



* not present on all models

FEATURES OF HAND-HELD DRILLING MACHINES

The EIBENSTOCK high performance hand-held drills are great for drilling steel, aluminium, plastic, hard and soft wood. All machines are robust and powerful for continuous use and high operational reliability. EIBENSTOCK drilling machines are mainly used in the metalworking and assembly industries as well as steel construction, machinery, plant and vehicles renovation and the carpentry and wood industries.



Hand-held drilling machine EHB 16/1.4 S R/L



Ø 20
in steel



Hand-held drilling machine EHB 16/2.4 S R/L



Ø 16
in steel



Compact models

USE:

- Drilling and screwing of wood, aluminium, steel
- Mobile for easy transport to site
- Metal and timber construction

FEATURES:

- Soft start speed control for precise drilling/screwing
- Reversible – easily remove of the drill bit from holes and easily screw in and remove screws
- High torque gearbox for powerful drilling
- Adjustable handle with aluminium clamp – allows adaptation to the application and working position
- Long front handle allowing for easy handling at high torque and optimal power transmission



SPECIFICATIONS	EHB 16/1.4 S R/L
Power input	1,150 W
Rated voltage	230 V ~
Rated speed	0-450 rpm
No-load speed	650 rpm
Max. drilling Ø wood/alu/steel	65/28/20 mm
Reversible	Yes
Spindle connection	B 18
Collar diameter	43 mm
Weight	3.2 kg
Order no.	0121E000
Supplied	in a box with drill chuck key

* Drill with shaft 16 mm

SPECIFICATIONS	EHB 16/2.4 S R/L
Power input	1,100 W
Rated voltage	230 V ~
Rated speed	0-430/0-760 rpm
No-load speed	700/1,200 rpm
Max. drilling Ø wood/alu/steel	65/28/16 mm
Reversible	Yes
Spindle connection	5/8" x 16 UN
Collar diameter	43 mm
Weight	3.2 kg
Order no.	0122H000
Supplied	in a box with drill chuck key



Hand-held drilling machine EHB 20/2.4



Ø 20
in steel

2

High torque model

USE:

- Drilling of wood, aluminium, steel
- Metal and timber construction

FEATURES:

- 2-speed gearbox – ideal transmission for high torques
- Morse taper connection – versatile spindle connection



SPECIFICATIONS	EHB 20/2.4
Power input	1,150 W
Rated voltage	230 V ~
Rated speed	250/450 rpm
No-load speed	400/730 rpm
Max. drilling Ø wood/alu/steel	70/40/20 mm
Reversible	No
Spindle connection	MT 2
Collar diameter	46 mm
Weight	4.2 kg
Order no.	0132A000
Supplied	in a box with drill drift





Hand-held drilling machine EHB 32/2.2 R R/L



Ø 32
in steel

2

Hand-held drilling machine EHB 32/4.2



Ø 32
in steel

4

Powerful models

USE:

- Hand-held or stand mounted drilling and screwing (EHB 32/2.2 R R/L) in wood, aluminium, steel
- As a driving motor
- Metal and timber construction, machine, plant and vehicle construction

FEATURES:

- Soft start and thermal overload for the protection of the machine and user (EHB 32/2.2 R R/L)
- Constant speed and torque control allows for precise drilling (EHB 32/2.2 R R/L)
- Mechanical safety clutch – for user safety
- Morse taper connection – versatile spindle connection



SPECIFICATIONS	EHB 32/2.2 R R/L
Power input	1,800 W
Rated voltage	230 V ~
Rated speed	60-140/200-470 rpm
Max. drilling Ø wood/alu/steel	100/60/32 mm
Reversible	Yes
Spindle connection	MT 3
Collar diameter	65 mm
Weight	6.4 kg
Order no.	0152H000
Supplied	in a box with drill drift

SPECIFICATIONS	EHB 32/4.2
Power input	1,700 W
Rated voltage	230 V ~
Rated speed	110/175/245/385 rpm
No-load speed	215/330/460/680 rpm
Max. drilling Ø wood/alu/steel	100/60/32 mm
Reversible	No
Spindle connection	MT 3
Collar diameter	65 mm
Weight	6.9 kg
Order no.	0154A000
Supplied	in a box with drill drift

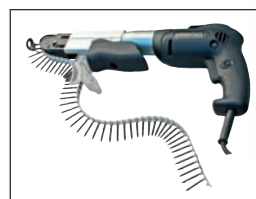


Dry-wall screwdriver ESR 450



Ø 5
in wood

Dry-wall screwdriver ESR 500



Ø 5
in wood

The compact and powerful entry level

USE:

- Fixing of construction boards (e.g. plasterboards) on metal and wood frames as well other assembly work

FEATURES:

- Powerful motor – clean and quick countersink of screws up to Ø 5 mm
- Speed control, acceleration function, reversible
- Electronic switch with lock for continuous use
- Gearbox with internal gear teeth – long lifetime
- Detachable depth gauge with notch stops
- Automatic switch off when reaching the screw depth
- Soft handle, belt clip

USE:

- Fixing of construction boards (e.g. plasterboards) on metal and wood frames as well other assembly work

FEATURES:

- Powerful motor – clean and quick countersink of screws up to Ø 5 mm
- Speed control, acceleration function, reversible
- Electronic switch with lock for continuous use
- Gearbox with internal gear teeth – long lifetime
- Detachable depth gauge with notch stops
- Automatic switch off when reaching the screw depth
- Quiet claw clutch, belt clip
- Light: weight only 1.1 kg, overall length: 250 mm, handle circumference 175 mm

SPECIFICATIONS	ESR 450
Power input	450 W
Rated voltage	230 V ~
No-load speed	0-4,000 rpm
Screws in wood	Ø 5 mm
Corner accessibility	22.5 mm
Collar diameter	-
Spindle connection	1/4"
Weight	1.2 kg
Order no.	06102000

Supplied

in a box with depth gauge

SPECIFICATIONS	ESR 500
Power input	500 W
Rated voltage	230 V ~
No-load speed	0-4,650 rpm
Screws in wood	Ø 5 mm
Corner accessibility	22.5 mm
Collar diameter	43 mm
Spindle connection	1/4"
Weight	1.1 kg
Order no.	06101000

Supplied

in a box with depth gauge,
size 2 PH bit and magnetic bit
holder





Chiselling hammer EMH 650



The chiselling hammer for comfortable use

USE:

- Chipping of tiles, plaster, chiselling of core and drill bits and the finishing of slots
- Ideal for the refurbishment and renovation industries, e.g. tilers and electricians

FEATURES:

- Powerful chisel
- Cut-off carbon brushes – protect the motor
- Selector wheel for variable impact frequency
- Low speed start for accurate and soft chiselling
- High impact, powerful motor, low weight
- Ergonomically designed front – no need for a front handle allowing easy overhead use

SPECIFICATIONS	EMH 650
Power input	650 W
Rated voltage	230 V ~
No-load impact rate	0-3,200 rpm
Impact energy	4.2 J
Spindle connection	SDS-plus
Weight	3.4 kg
Order no.	02511000
Supplied	in a box with pointed, flat and tile chisel



Drilling/Screwing ACCESSORIES

FOR HAND-HELD DRILLING MACHINES

	Magnetic drill rig B 32 for EHB 32/2.2 R/R/L and EHB 32/4.2	09506000
	1 Taper mandrel B 16/MT 2 B 18/MT 2 B 18/MT 3	33111000 33112000 33122000
	2 Drill drift Size 2 Size 3	33210000 33220000
	3 Quick action drill chuck 1/2" x 20 Ø 13 mm B 16 Ø 13 mm B 16 Ø 16 mm 5/8" x 16 UN Ø 16 mm	33433000 33431000 33441000 33444000
	4 Scroll chuck B 18 Ø 16 mm 5/8" x 16 UN Ø 16 mm M 18 Ø 16 mm	33342000 33344000 33345000
	5 Reducing sleeve MT 3 - MT 2	33621000
	6 Adapter MT 2 male - M 14 female MT 3 male - M 14 female	33113000 33123000
	7 Drill chuck key 13 16	33520000 33540000
	8 Plastic case for EHB 16, EHB 20/2.4	37332000

FOR DRY-WALL SCREWDRIVER ESR 500

	9 Collating adapter with 1 x PZ 2 and 2 x PH 2 bit, allen key, in a case	37701000
	10 Collated screws magazined, PH 2, 1,000 screws in a box (strips of screws - 50 screws each) 3.9 x 35 mm, fine thread 3.9 x 25 mm, fine thread	37712000 37713000

DIAMOND CORE DRILLING



Model	Catalogue page	Dry/wet drilling	Spindle connection	Power input	Rated speed
DRY CORE DRILLING					
EHD 1300 	23	 32-82 mm	M 18 male	1,300 W	0-2,000 rpm
EHD 2000 S 	25	 32-132 mm	M 18 male	1,700 W	0-1,000/ 0-2,000 rpm
EHD 1801 	27	 max. 250 mm	M 18 male	1,800 W	0-550 rpm
ESD 1801 	29	 max. 90 mm	M 18 male	1,800 W	0-2,050 rpm
DRY-WET CORE DRILLING					
ETN 130/3 P 	31	 12-202 mm  12-152 mm	G½" female + 1¼" male	1,800 W	600/ 1,300/ 2,800 rpm
ETN 162/3 	33	 12-202 mm  12-162 mm	G½" female + 1¼" male	2,200 W	0-510/ 0-1,150/ 0-2,500 rpm
PowerLine PLD 160 	35	 12-202 mm  12-162 mm	G½" female + 1¼" male	2,300 W	600/ 1,400/ 3,000 rpm
WET CORE DRILLING					
END 712 P 	37	 3.5-18 mm	M 12 x 1.5 male	700 W	0-8,000 rpm
END 1550 P 	39	 6-68 mm	G½" female	1,500 W	1,800- 4,400 rpm

Model	Catalogue page	Dry/wet drilling	Spindle connection	Power input	Rated speed
CORE DRILLING UNITS					
DB 160	 46	 162 mm	G $\frac{1}{2}$ " female + 1 $\frac{1}{4}$ " male	2,500 W	450 rpm
DBE 162	 47	 12-202 mm  12-162 mm	G $\frac{1}{2}$ " female + 1 $\frac{1}{4}$ " male	2,200 W	0-510/ 0-1,150/ 0-2,500 rpm
PowerLine PLE 160	 48	 12-202 mm  12-162 mm	G $\frac{1}{2}$ " female + 1 $\frac{1}{4}$ " male	2,300 W	600/ 1,400/ 3,000 rpm
DBE 182	 49	 12-202 mm	G $\frac{1}{2}$ " female + 1 $\frac{1}{4}$ " male	2,300 W	480/ 1,080/ 2,350 rpm
DBE 250 R	 50	 52-250 mm	1 $\frac{1}{4}$ " male	2,500 W	360/ 850 rpm
DBE 300	 51	 25-300 mm	1 $\frac{1}{4}$ " male	2,800 W	270/ 700/ 1,250 rpm
DBE 352	 52	 42-352 mm	1 $\frac{1}{4}$ " male	3,000 W	230/ 500/ 1,030 rpm
PowerLine PLE 450 B	 53	 72-450 mm	1 $\frac{1}{4}$ " male	3,300 W	180/ 400/ 780 rpm



CHARACTERISTICS OF DIAMOND CORE DRILLS

With a wide range of different diamond core drills EIBENSTOCK offers tailored solutions for diamond core drilling between diameter 3.5 and 450 mm. The comprehensive machine, drill and accessory program is not only convincing plumbers and electricians but also other craftsmen all around the construction.

The Powerline Series is a specially designed machine concept for series drilling and continuous use in the construction and civil engineering.

Diamond dry core drill EHD 1300

The convenient tool for installation holes up to Ø 82 mm

USE:

- Dry drilling up to 82 mm in sand-lime brick, brickwork, clinker, brick and other abrasive materials
- For electrical installation work – socket sinking e.g. switches and sockets

FEATURES:

- Electronic – soft start, temperature control and over current cut-off
- Mechanical safety clutch
- Low weight
- Additional handle – variable adjustment on the collar



DIAMOND CORE DRILLING



SPECIFICATIONS	EHD 1300/EHD 1300 SET
Power input	1,300 W
Rated voltage	230 V ~
Rated speed	0-2,000 rpm
No-load speed	3,400 rpm
Drilling diameter	32-82 mm
Spindle connection	M 18 male
Collar diameter	46 mm
Weight	3.4 kg
Order no.	03111000/03111L000

03111000 - supplied in a case without accessories

03111L000 - supplied in a case with dust extraction,

Ø 82 mm drill bit for socket outlets, centering shaft





Diamond dry core drill EHD 1300 – ACCESSORIES

WITHOUT DUST EXTRACTION

Material



for brickwork, soft concrete

Centering shaft
spring loaded



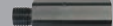
35612000

Drill bit for socket outlets Dry M 16



A Ø 68 mm and Ø 82 mm

Adapter



M 16 - M 18

35512000

Adapter SDS



M 16 - M 18 with SDS drill bit

35514000

M 18



WITH DUST EXTRACTION H

Material



for brickwork, soft concrete

Centering shaft
spring loaded



35612000

Drill bit for socket outlets Dry M 16



B Ø 68 mm and Ø 82 mm

Dust
extraction



M 16 - M 18

35240000



for sand-lime brick

Centering shaft
spring loaded



35612000



C Ø 68 mm and Ø 82 mm

A B C Diamond drill bits see page 56



Sharpening block
200 x 100 x 50 mm

35910000



Industrial vacuum cleaner

DSS 25 A 09915000

DSS 50 A 09916000

DSS 35 M iP 09919000

Diamond dry core drill EHD 2000 S

The universal tool for installation holes up to Ø 132 mm

USE:

- Dry drilling up to 132 mm in sand-lime brick, brickwork, clinker, brick and other abrasive materials
- Producing of wall and roof openings for sanitary, heating and ventilation installations
- For electrical installation work – socket sinking e.g. switches and sockets

FEATURES:

- Electronic – soft start, temperature control and over current cut-off
- Powerful 2-speed gearbox
- Mechanical safety clutch
- Additional handle – variable adjustment on the collar



DIAMOND CORE DRILLING



SPECIFICATIONS	EHD 2000 S
Power input	1,700 W
Rated voltage	230 V ~
Rated speed	0-1,000/0-2,000 rpm
No-load speed	1,500/3,000 rpm
Drilling diameter	32-132 mm
Spindle connection	M 18 male
Collar diameter	53 mm
Weight	5.5 kg
Order no.	0332L000
Supplied	in a case without accessories





Diamond dry core drill EHD 2000 S – ACCESSORIES

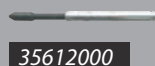
WITHOUT DUST EXTRACTION

Material



for brickwork, soft concrete

Centering shaft
spring loaded



35612000

Drill bit for socket outlets Dry M 16



A Ø 68 mm and Ø 82 mm

Adapter



M 16 - M 18

35512000

Adapter SDS



M 16 - M 18 with SDS drill bit

35514000

M 18



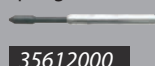
WITH DUST EXTRACTION H

Material



for brickwork, soft concrete

Centering shaft
spring loaded



35612000

Drill bit for socket outlets Dry M 16



B Ø 68 mm and Ø 82 mm

Dust
extraction



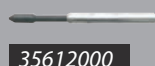
M 16 - M 18

35240000



for sand-lime brick

Centering shaft
spring loaded



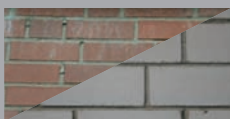
35612000



C Ø 68 mm and Ø 82 mm

WITH DUST EXTRACTION M 18 - 1 1/4"

Material



for brickwork,
sand-lime brick

Centering rod



200 mm 36395000

450 mm 36391000

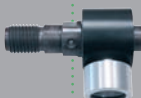
Diamond dry drill bits 1 1/4"



D Length 200 mm, Ø 82-132 mm

E Length 420 mm, Ø 52-132 mm

Dust
extraction



1 1/4" - M 18

35230000

A B C D E Diamond drill bits see page 56



Sharpening block
200 x 100 x 50 mm

35910000



Copper ring 1 1/4"
for easy removal of the drill bit

35450000 1 piece



Industrial vacuum cleaner

DSS 25 A 09915000

DSS 50 A 09916000

DSS 35 M iP 09919000

Diamond dry core drill EHD 1801

Hand-held dry core drilling up to Ø 250 mm

USE:

- Drills up to 250 mm in sand-lime brick, brickwork, clinker, brick and other abrasive materials as well ceramics
- Connecting holes for chimney and heating installations
- Producing of wall and roof openings for sanitary, heating and ventilation installations

FEATURES:

- Powerful motor
- Electronic – soft start, temperature control and over current cut-off
- Oil bath gearbox – optimal lubrication
- Metal gearbox housing – robust, long lifetime
- Mechanical safety clutch
- Additional handle – variable adjustment on the collar
- Can be used with the chimney drill rig KBS 250 (accessories)
- Compact design – handy and balanced



DIAMOND CORE DRILLING

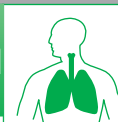


SPECIFICATIONS	EHD 1801
Power input	1,800 W
Rated voltage	230 V ~
Rated speed	0-550 rpm
No-load speed	800 rpm
Max. drilling diameter	250 mm
Spindle connection	M 18 male
Collar diameter	53 mm
Weight	5.7 kg
Order no.	0331U000
Supplied	in a case without accessories



DUST
PROTECTION
SYSTEM

Mineral dust may cause cancer!





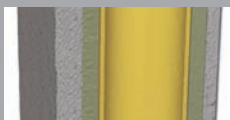
Diamond dry core drill EHD 1801 – ACCESSORIES

WITH DUST EXTRACTION M 18 - 1 1/4"

Material



for brickwork,
sand-lime brick



for ceramic pipes,
e.g. for chimneys

Centering rod

200 mm	36395000
450 mm	36391000

Diamond dry drill bits 1 1/4"

D	Length 200 mm, Ø 132-250 mm
E	Length 420 mm, Ø 132-202 mm

Ceramic drill bit 1 1/4"

F	Length 150 mm, Ø 182 mm
----------	-------------------------

Dust extraction M 18



1 1/4" - M 18

35230000

M 18



Industrial vacuum cleaner

DSS 25 A	09915000
DSS 50 A	09916000
DSS 35 M iP	09919000

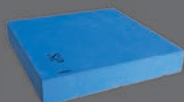


D E F Diamond drill bits see page 56



Sharpening block
200 x 100 x 50 mm

35910000



Sharpening plate
320 x 320 x 55 mm

35913000



Copper ring 1 1/4"
for easy removal of the drill bit

35450000 1 piece



Chimney drill rig
KBS 250

09648000

specifications
see page 44

Diamond dry soft percussion core drill ESD 1801

With soft percussion for hard materials up to Ø 90 mm

USE:

- Dry drilling up to Ø 90 mm for particularly hard materials, e.g. highly compressed limestone, reinforced concrete and other abrasive materials with a high working speed
- Producing of wall and roof openings for sanitary, heating and ventilation installations
- For electrical installation work – socket sinking e.g. switches and sockets

FEATURES:

- Powerful motor
- Electronic – soft start
- Gearbox with switchable soft percussion – high working speed
- Mechanical safety clutch
- Additional handle – variable adjustment on the collar



Adjustment ring for soft percussion



SPECIFICATIONS	ESD 1801
Power input	1,800 W
Rated voltage	230 V ~
Rated speed	0-2,050 rpm
No-load speed	3,000 rpm
Blows	41,000 bpm
Max. drilling diameter	90 mm
Spindle connection	M 18 male
Collar diameter	53 mm
Weight	5.9 kg
Order no.	03217000
Supplied	in a case without accessories





Diamond dry soft percussion core drill ESD 1801 – ACCESSORIES

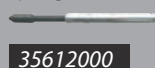
WITHOUT DUST EXTRACTION

Material



for brickwork, soft concrete

Centering shaft
spring loaded



35612000

Drill bit for socket outlets Dry M 16



A Ø 68 mm and Ø 82 mm

Adapter



M 16 - M 18

35512000

Adapter SDS



M 16 - M 18 with SDS drill bit

35514000

M 18



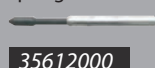
WITH DUST EXTRACTION H

Material



for brickwork, soft concrete

Centering shaft
spring loaded

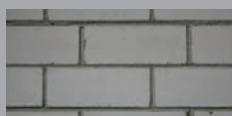


35612000

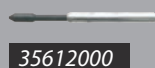
Drill bit for socket outlets Dry M 16



B Ø 68 mm and Ø 82 mm



for sand-lime brick



35612000



C Ø 68 mm and Ø 82 mm



for reinforced concrete,
sand-lime brick



35613000

Diamond dry drill bits M 16



G Length 150 mm, Ø 51-81 mm

Dust extraction



M 16 - M 18

35240000

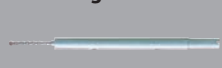
WITH DUST EXTRACTION M 18 - 1 1/4"

Material



for brickwork,
sand-lime brick

Centering rod



200 mm 36395000

450 mm 36391000

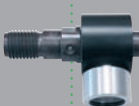
Diamond dry drill bits 1 1/4"



D Length 200 mm, Ø 82 mm

E Length 420 mm, Ø 52-82 mm

Dust extraction



1 1/4" - M 18

35230000

A B C D E G

Diamond drill bits see page 56



Sharpening block
200 x 100 x 50 mm

35910000



Copper ring 1 1/4"
for easy removal of the drill bit

35450000 1 piece



Industrial vacuum cleaner

DSS 25 A 09915000

DSS 50 A 09916000

DSS 35 M iP 09919000

Diamond wet-dry core drill ETN 130/3 P

The compact, robust 3-speed drill for up to Ø 152 mm in concrete

USE:

- Dry drilling in sand-lime brick, brickwork, clinker, brick and other abrasive materials as well wet drilling in reinforced concrete, natural stone and asphalt especially for narrow, difficult accessible places, e.g. in pits
- Aluminium housing suitable for civil engineering
- Sanitary, heating and ventilation construction, civil engineering, landscape construction

FEATURES:

- Electronic – soft start, temperature control and over current cut-off, optical overload indication
- Cut-off carbon brushes – protect the motor
- 3-speed oil bath gearbox – optimal lubrication
- Short compact design
- Full aluminium housing
- Combination spindle with integrated connection for centering rod – fast, precise spot drilling
- PUR-construction site cable – strong, for heavy duty use
- Changing system – fast conversion between wet and dry applications
- Integrated spirit level on motor and handle
- Side handle with connection for centering device or water collection



Combination spindle
G1/2" female + 1 1/4" male



Changing system – water
supply and dust extraction



DIAMOND CORE DRILLING



SPECIFICATIONS		ETN 130/3 P	
Power input		1,800 W	
Rated voltage		230 V ~	
Rated speed		600/1,300/2,800 rpm	
No-load speed		1,000/2,200/4,300 rpm	
Drilling diameter	Concrete (wet)	1. Gear	82-152 mm*
		2. Gear	42-82 mm
		3. Gear	12-42 mm
	Brickwork (dry)	1. Gear	122-202 mm
		2. Gear	62-122 mm
		3. Gear	12-62 mm
* with drill rig			
Spindle connection		G½" female + 1¼" male	
Collar diameter		60 mm	
Weight		8.2 kg	
Order no.		03A31000	
Supplied		in a case, water supply and dust extraction, jaw wrench SW 32 + 41	





Diamond wet-dry core drill ETN 130/3 P – ACCESSORIES

FOR WET DRILLING

Material



for reinforced concrete



for reinforced concrete

Diamond wet drill bits R½"

- H** Length 300 mm, Ø 12-31 mm
- I** Length 420 mm, Ø 38-51 mm

Diamond wet drill bits 1¼"

- J** Length 450 mm, Ø 41-151 mm

Centering device with water collection
max. Ø 82 mm

35847000



FOR DRY DRILLING WITH DUST EXTRACTION

Material



for brickwork,
sand-lime brick

Centering rod

- 200 mm **36395000**
- 450 mm **36391000**

Diamond dry drill bits 1¼"

- D** Length 200 mm, Ø 52-202 mm
- E** Length 420 mm, Ø 52-202 mm



Industrial vacuum cleaner

- | | |
|-------------|-----------------|
| DSS 25 A | 09915000 |
| DSS 50 A | 09916000 |
| DSS 35 M iP | 09919000 |



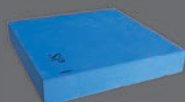
Water tank
10 l metal, with 3.5 m hose
with Gardena-Connector

35812000

D E H I J Diamond drill bits see page 56



Sharpening block
200 x 100 x 50 mm
35910000



Sharpening plate
320 x 320 x 55 mm
35913000



Copper ring 1¼"
for easy removal of the drill bit
35450000 1 piece



Guide ring for centering device
Please name order no. + Ø
358410... + 25, 31, 38, 41, 51, 61, 68, 71, 82 mm



Drill rig BST 182 V/S
09646000
specifications
see page 45



Connecting adapter
Universal tool holder/
Collar mounting Ø 60 mm
35829000

Diamond wet-dry core drill ETN 162/3

The versatile drill for drilling up to Ø 162 mm in concrete

USE:

- Dry drilling in sand-lime brick, brickwork, clinker, brick and other abrasive materials as well wet drilling in reinforced concrete, natural stone and asphalt
- Sanitary, heating and ventilation construction, civil engineering, landscape construction

FEATURES:

- Powerful 2,200 W motor, with high power reserves and a long lifetime
- Electronic – soft start, temperature control and over current cut-off, optical overload indication, constant speed
- Service-LED – lights up approx. 10 working hours before the carbon brushes need to be replaced
- 3 speed oil bath gearbox – for optimal lubrication in all working positions, due to the developed oil pump
- Mechanical safety clutch
- Combination spindle with integrated connection for centering rod – fast, precise spot drilling
- Ergonomic handle with large switch for control and comfortable drilling
- PUR-construction site cable – strong, for heavy duty use
- Changing system – fast conversion between wet and dry applications
- Integrated spirit level on motor and handle
- Quick-mounting system – fixing of the machine including handle into the rig without any tools



DIAMOND CORE DRILLING

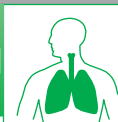


SPECIFICATIONS		ETN 162/3	
Power input		2,200 W	
Rated voltage		230 V ~	
Rated speed		0-510/0-1,150/0-2,500 rpm	
Drilling diameter	Concrete (wet)	1. Gear	82-162 mm*
		2. Gear	42-82 mm
		3. Gear	12-42 mm
* with drill rig	Brickwork (dry)	1. Gear	122-202 mm
		2. Gear	62-122 mm
		3. Gear	12-62 mm
Spindle connection		G½" female + 1¼" male	
Collar diameter		60 mm	
Weight		6.7 kg	
Order no.		03E31000	
Supplied		in a case, water supply and dust extraction, jaw wrench SW 32 + 41	



**DUST
PROTECTION
SYSTEM**

Mineral dust may cause cancer!





Diamond wet-dry core drill ETN 162/3 – ACCESSORIES

FOR WET DRILLING

Material



for reinforced concrete



for reinforced concrete

Diamond wet drill bits R½"

- H** Length 300 mm, Ø 12-31 mm
- I** Length 420 mm, Ø 38-51 mm

Diamond wet drill bits 1¼"

- J** Length 450 mm, Ø 41-161 mm

Centering device with water collection
max. Ø 82 mm

3584C000



FOR DRY DRILLING WITH DUST EXTRACTION

Material



for brickwork,
sand-lime brick

Centering rod

- 200 mm **36395000**
- 450 mm **36391000**

Diamond dry drill bits 1¼"

- D** Length 200 mm, Ø 82-202 mm
- E** Length 420 mm, Ø 52-202 mm



Industrial vacuum cleaner

- | | |
|-------------|-----------------|
| DSS 25 A | 09915000 |
| DSS 50 A | 09916000 |
| DSS 35 M iP | 09919000 |



Water tank

10 l metal, with 3.5 m hose
with Gardena-Connector

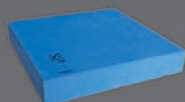
35812000

D E H I J Diamond drill bits see page 56



Sharpening block
200 x 100 x 50 mm

35910000



Sharpening plate
320 x 320 x 55 mm

35913000



Copper ring 1¼"
for easy removal of the drill bit

35450000 1 piece



Guide ring for centering device
Please name order no. + Ø

358410... + 25, 31, 38, 41, 51, 61, 68, 71, 82 mm



Drill rig BST 182 V/S

09646000

specifications
see page 45

Diamond core drilling unit DBE 162

03E35000

specifications
see page 47

Diamond wet-dry core drill PLD 160

PowerLine

The compact, versatile drill for the toughest applications in series drilling up to Ø 162 mm in concrete

USE:

- Dry drilling in sand-lime brick, brickwork, clinker, brick and other abrasive materials as well wet drilling in reinforced concrete, natural stone and asphalt
- Sanitary, heating and ventilation construction, civil engineering, landscape construction

FEATURES:

- Powerful 2,300 W motor, with high power reserves, permanent pressure and a long lifetime
- Electronic – soft start, temperature control and over current cut-off, optical overload indication
- Cut-off carbon brushes – protect the motor
- 3 speed oil bath gearbox – for optimal lubrication in all working positions, due to the developed oil pump
- Mechanical safety clutch
- Combination spindle with integrated connection for centering rod – fast, precise spot drilling
- Ergonomic handle with large switch for control and comfortable drilling
- PUR-construction site cable – strong, for heavy duty use
- Changing system – fast conversion between wet and dry applications
- Integrated spirit level on motor and handle
- Quick-mounting system – fixing of the machine including handle into the rig without any tools



DIAMOND CORE DRILLING



SPECIFICATIONS		PLD 160	
Power input		2,300 W	
Rated voltage		230 V ~	
Rated speed		600/1,400/3,000 rpm	
Drilling diameter	Concrete (wet)	1. Gear	82-162 mm*
		2. Gear	42-82 mm
		3. Gear	12-42 mm
	Brickwork (dry)	1. Gear	122-202 mm
		2. Gear	62-122 mm
		3. Gear	12-62 mm
* with drill rig			
Spindle connection		G1½" female + 1 ¼" male	
Collar diameter		60 mm	
Weight		6.4 kg	
Order no.		03E31000	
Supplied		in a case, water supply and dust extraction, jaw wrench SW 32 + 41	





Diamond wet-dry core drill PLD 160 – ACCESSORIES

PowerLine

FOR WET DRILLING

Material



for reinforced concrete



for reinforced concrete

Diamond wet drill bits R½"

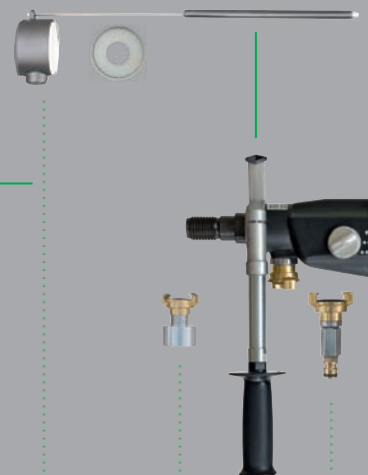
- H** Length 300 mm, Ø 12-31 mm
- I** Length 420 mm, Ø 38-51 mm

Diamond wet drill bits 1¼"

- J** Length 450 mm, Ø 41-161 mm

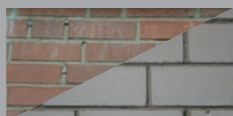
Centering device with water collection
max. Ø 82 mm

35847000



FOR DRY DRILLING WITH DUST EXTRACTION

Material



for brickwork,
sand-lime brick

Centering rod

- 200 mm **36395000**
- 450 mm **36391000**

Diamond dry drill bits 1¼"

- D** Length 200 mm, Ø 82-202 mm
- E** Length 420 mm, Ø 52-202 mm



Industrial vacuum cleaner

- | | |
|-------------|-----------------|
| DSS 25 A | 09915000 |
| DSS 50 A | 09916000 |
| DSS 35 M iP | 09919000 |



Water tank

10 l metal, with 3.5 m hose
with Gardena-Connector

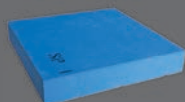
35812000

D E H I J Diamond drill bits see page 56



Sharpening block
200 x 100 x 50 mm

35910000



Sharpening plate
320 x 320 x 55 mm

35913000



Copper ring 1¼"
for easy removal of the drill bit

35450000 1 piece



Guide ring for centering device
Please name order no. + Ø

358410... + 25, 31, 38, 41, 51, 61, 68, 71, 82 mm



Drill rig PLB 160

09646000

specifications
see page 44

Diamond core drilling unit PLE 160

03E35000

specifications
see page 48

Diamond wet drill END 712 P

The fast model for up to Ø 18 mm

USE:

- Wet drilling in natural stone, tiles, ceramics, porcelain, stoneware, glass, concrete
- Blind or through holes for fitting connectors as well as gravestones and countertops
- Dowel holes
- Tilers, stonemasons and installation companies

FEATURES:

- Electronic switch – stepless speed control
- Optimal concentricity
- Integrated water supply
- Easy to service – shaft seals are easily replaceable
- Water supply control – on/off, stepless quantity control
- Low weight, ergonomic design – easy handling
- Centering device (accessory)



Starter kit: centering device with drilling template, water suction hose with Gardena-Connector, diamond wet drill bits 6/8 mm, sharpening block



SPECIFICATIONS	END 712 P	
Power input	700 W	
Rated voltage	230 V ~	
Rated speed	0-8,000 rpm	
No-load speed	11,000 rpm	
Max. drilling diameter	drill bits	12 mm
	core drill bits	18 mm
Spindle connection	M 12 x 1.5 male	
Collar diameter	43 mm	
Weight	2.6 kg	
Order no.	03015000	
Supplied	in a case with depth gauge, jaw wrench SW 13/17	





Diamond wet drill END 712 P – ACCESSORIES

FOR WET DRILLING

Material



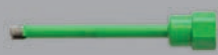
for concrete, tiles

Centering device with drilling template



3583A000

Diamond wet drill bits



K Length 150 mm, Ø 6-12 mm



for concrete, tiles

Centering device with drilling template



3583A000

Diamond wet drill bits



L Length 60 mm, Ø 3.5-12 mm



for natural stone,
stoneware

Centering device with drilling template



3583A000

Diamond wet drill bits



M Length 60 mm, Ø 6-18 mm



Water suction hose

35837000



Industrial vacuum cleaner

DSS 25 A	09915000
DSS 50 A	09916000
DSS 35 M iP	09919000



Water tank

5 l plastic, with 2.5 m hose
with Gardena-Connector

35811000

10 l metal, with 3.5 m hose
with Gardena-Connector

35812000



Diamond drill bits see page 56



Sharpening block
200 x 100 x 50 mm

35910000

Diamond wet core drill END 1550 P

The versatile model for up to Ø 68 mm holes

USE:

- Wet drilling in natural stone, tiles, ceramic, porcelain, stoneware, glass, reinforced concrete
- Blind or through holes for fitting connectors as well as gravestones and worktops
- Anchor holes
- Mounting holes for switches
- Tilers, stonemasons and installation companies

FEATURES:

- Electronics – soft start, speed regulation and constant speed, temperature- and over current cut-off
- Stainless steel spindle
- Water supply control – on/off, stepless quantity control
- Quick-change system
- Can be used with drill rig to keep stationary
- Centering device (accessory)



DIAMOND CORE DRILLING



Speed regulation

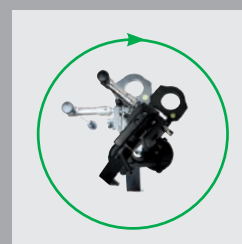


Water supply control

SPECIFICATIONS

END 1550 P

Power input	1,500 W
Rated voltage	230 V ~
Rated speed	1,800-4,400 rpm
Drilling diameter	6-68 mm
Spindle connection	G½" female
Collar diameter	53 mm
Weight	3.6 kg
Order no.	03114000
Supplied	in a case with quick changing adapter and adapter G½" - M 12 x 1.5



BST 50 V:
Swivel range 360°

A

Diamond wet core drill END 1550 P – ACCESSORIES

FOR WET DRILLING

Material



for natural stone, tiles



for natural stone



for reinforced concrete



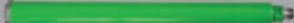
for concrete



for natural stone, tiles

Diamond wet drill bits R $\frac{1}{2}$ "


N Length 40 mm, Ø 22-68 mm

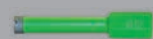
O Length 150 mm, Ø 18-51 mm

H Length 300 mm, Ø 10-31 mm

Diamond wet drill bits


L Length 60 mm, Ø 3.5-12 mm

K Length 150 mm, Ø 6.0-12 mm

Diamond wet drill bits


M Length 60 mm, Ø 6-18 mm

Spare seals for centering device

35842000

Centering device with water collection (Gardena-Connector) max. Ø 30 mm

35836000

Quick change adapter

G $\frac{1}{2}$ " - G $\frac{1}{2}$ "
38004000

Quick change top


38006000

Adapter

M 12 x 1.5 - G $\frac{1}{2}$ "
35122000

**Water suction ring
WR 82**
3587R000

**Centering device
with drilling template**
3583A000

Water suction hose
35837000

Water tank
5 l plastic, with 2.5 m hose
with Gardena-Connector
35811000
10 l metal, with 3.5 m hose
with Gardena-Connector
35812000


Industrial vacuum cleaner

DSS 25 A **09915000**DSS 50 A **09916000**DSS 35 M iP **09919000**
H K L M N O Diamond drill bits see page 56

Sharpening block
200 x 100 x 50 mm

35910000

3 Spare seals
for quick change adapter

35125000

Guide ring for centering device
please name order no. + Ø

358400 ... + 06, 08, 10, 12, 13, 14, 15, 16, 18, 20, 21, 22, 24, 25, 28, 30 mm

Drill rig BST 90
09629000
Drill rig BST 50 V
09645000
specifications
see page 44



FEATURES OF CORE DRILL MOTORS

Our core drills have a solid and sturdy construction and can be mounted to a variety of drill rigs. The Powerline Series is a specially designed machine concept for series drilling and continuous use in the construction and civil engineering.

THE POWERFUL MOTORS



Model	EBM 182/3	EBM 250/2 RP	EBM 300/3 P	EBM 352/3	PowerLine PLD 450 B
Power input	2,300 W	2,500 W	2,800 W	3,000 W	3,300 W
Rated speed	480/1,080/ 2,350 rpm	360/ 850 rpm	270/700/ 1,250 rpm	230/500/ 1,030 rpm	180/400/ 780 rpm
No-load speed	–	–	450/1,100/ 1,800 rpm	–	300/650/ 1,300 rpm
Constant speed	x	x	–	x	–
Full aluminium housing	–	–	x	–	x
Drilling diameter	12-202 mm	51-250 mm	25-300 mm	41-352 mm	71-450 mm
Spindle connection	G½" female - 1¼" male	1¼" male	1¼" male	1¼" male	1¼" male
Machine connection	Quick-mounting system	Universal tool holder	Universal tool holder	Universal tool holder	Universal tool holder
Weight	6.7 kg	10.5 kg	13.6 kg	12.5 kg	15.3 kg
Order no.	03E33000	0352H000	03533000	03641000	03737000
Supplied	in a box with jaw wrench SW 32 + 41	in a box with jaw wrench SW 32 + 41	in a box with jaw wrench SW 32 + 41	in a box with jaw wrench SW 32 + 41	in a box with jaw wrench SW 32 + 41





Machine connection

can be used with drill motors of various brands

- Quick-mounting system
- Universal tool holder
- Collar mounting

Guides/bearings

smooth running, hard-wearing, adjustable

Spirit level

easy to level

Scale

easy adjustment of drilling depth

Feed lever

change without any tool, easy selection of the operating side

Toothings

wide and constant, precise, long-lived

Additional handle*

easy transport

Aluminium colum*

high torsional strength, light, 45° swivel

Rollers*

quick to mount, easy and light transport

Adjusting screws

robust, exact adjustment

Hole centre indicator*

exact positioning

Base

- Space saving base (anchor)
- Combined base (anchor or vacuum)
- Special mounting (manual with two suckers)

** not present on all models*

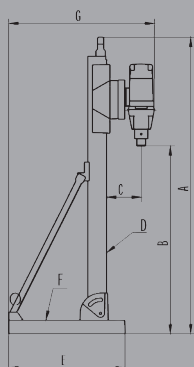
FEATURES OF DRILL RIGS

Our assortment of drill rigs and accessories that were developed and produced in EIBENSTOCK can be used for a variety of tasks, including drilling holes up to Ø 450 mm. The drill rigs are very light and easy to handle and can be used by a wide spectrum of the construction industry; from civil engineering and installation companies through to bricklayers and tilers. The Powerline Series is a specially designed machine concept for series drilling and continuous use in the construction and civil engineering.



Model	BST 50 V*	BST 90	KBS 250	PowerLine PLB 160
Max. drilling Ø at 90°	68 mm	102 mm 42 mm (vacuum)	250 mm (brickwork)	162 mm
Column length* ¹ /material	290 mm/ aluminium	680 mm/ aluminium	850 mm/ aluminium	1,000 mm/ aluminium
Guides/bearings	quadruple on sliding pieces	quadruple on sliding pieces	quadruple on sliding pieces	quadruple on sliding pieces
Quick-mounting system	–	–	–	x
Universal tool holder	–	–	–	–
Collar mounting	Ø 53 mm	Ø 53 mm	Ø 53 mm Ø 60 mm	–
Max. inclination	–	45°	–	45°
Weight	6.8 kg	7.0 kg	7.8 kg	14.5 kg
Space saving base (anchor)	–	–	222 x 175 mm	–
Combined base* ² (anchor/vacuum)	–	240 x 170 mm	–	355 x 255 mm
Special mounting	2 suction feet (manual)	–	–	–
Order no.	09645000	09629000	09648000	0962K000
Supplied	in a box with assembly tools	in a box with assembly tools	in a box with assembly tools	in a box with assembly tools

* with braces *¹ other lengths on request *² Vacuum set necessary - special accessory



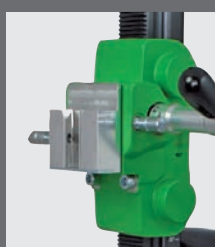
Dimensions	DB 160	DBE 162	PLE 160	DBE 182	DBE 250 R	DBE 300	DBE 352	PLE 450 B
A	855	1050	1090	1050	1040	1100	1030	1116
B	530	700	720	700	685	690	620	600
C	120	130	110	130	195	200	200	240
D	46 x 60	46 x 60	46 x 60	46 x 60	70 x 70	70 x 70	60 x 75	60 x 60
E	225	330	350	330	430	540	400	294
F	170	250	250	250	330	340	310	194
G	370	510	530	510	590	740	600	570



BST 182 V/S*	BST 250	BST 300*	BST 352 V*	PowerLine PLB 450
202 mm	250 mm	350 mm	352 mm	450 mm
995 mm/ aluminium	995 mm/ aluminium	995 mm/ aluminium	995 mm/ aluminium	1,000 mm/ steel
quadruple on special balls	quadruple on sliding pieces	quadruple on sliding pieces	quadruple on special balls	8-fold on steel rolls
x	–	–	–	–
–	x	x	x	x
Ø 60 mm with connecting adapter	Ø 60 mm with connect. adapter, up to 202 mm	Ø 60 mm with connect. adapter, up to 202 mm	Ø 60 mm with connect. adapter, up to 202 mm	–
45°	45°	45°	45°	45°
14.0 kg	15.5 kg	18.5 kg	22.5 kg	20.5 kg
–	430 x 330 mm	430 x 330 mm	–	295 x 195 mm
330 x 250 mm	–	–	400 x 310 mm	–
–	–	–	–	–
09646000	09631000	09626000	09647000	0962M000
in a box with assembly tools	in a box with assembly tools	in a box with assembly tools	in a box with assembly tools	in a box with assembly tools

* with braces *1 other lengths on request *2 Vacuum set necessary - special accessory

Machine connection:



Quick-mounting
system

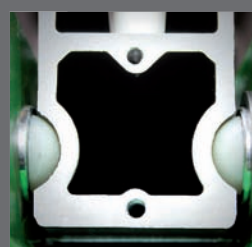


Universal tool holder



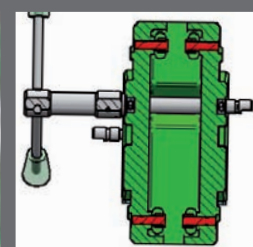
Collar mounting

Specifics BST 182 V/S and 352 V:



mounted carriage
on 4 special balls

Specifics PLB 160 and PLB 450:



mounted carriage on 8 steel rolls (PLB 450),
all adjusting elements with wrench size 19 mm



Diamond core drilling unit **DB 160**

The compact unit for drilling up to Ø 162 mm

USE:

- Wet drilling in reinforced concrete, natural stone and asphalt
- Sanitary, heating and ventilation construction, other engineers, civil engineering, landscape construction

FEATURES:

- Switch with over current cut-off – protection against overloading of the motor
- Cut-off carbon brushes – protection of the motor
- 1-speed oil bath gearbox – optimal lubrication
- Mechanical safety clutch
- Integrated water supply
- Stainless steel-combination spindle for connecting to R½" and 1¼" drill bits
- Motor and rig as a complete unit
- Handy, robust and economical
- Space-saving, compact drilling unit – low weight



SPECIFICATIONS	DB 160
Power input	2,500 W
Rated voltage	230 V ~
Rated speed	450 rpm
No-load speed	700 rpm
Max. drilling diameter	162 mm
Spindle connection	G½" female + 1¼" male
Column length	790 mm
Hub	550 mm
Weight	15.5 kg
Order no.	0B334000
Supplied	in a box without drill bit



Diamond core drilling unit DBE 162

The versatile combination for drilling up to Ø 162 mm

USE:

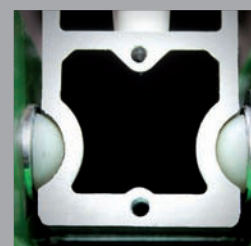
- Dry drilling in sand-lime brick, brickwork, clinker, brick and other abrasive materials as well wet drilling in reinforced concrete, natural stone and asphalt
- Sanitary, heating and ventilation construction, other engineers, civil engineering, landscape construction

FEATURES:

- Electronic – soft start, temperature control and over current cut-off, optical overload indication, constant speed
- Service-LED – lights up approx. 10 working hours before the carbon brushes need to be replaced
- 3 speed oil bath gearbox – for optimal lubrication in all working positions, due to the developed oil pump
- Mechanical safety clutch
- Combination spindle with integrated connection for centering rod – fast, precise spot drilling
- PUR-construction site cable – strong, for heavy duty use
- Changing system – fast conversion between wet and dry applications
- Integrated spirit level on the machine and additional handle as well as on the carriage, scale and hole center indicator on the drill rig – exact drilling
- Quick-mounting system – apply the motor to the drill rig without the need for tools
- Column of the rig can be adjusted to 45°
- Compact combination base – fixing with anchor or vacuum (vacuum set necessary)
- Feed lever change without any tools – easy change of the working site
- Retrofittable wheel axle (accessory) – easy transport



SPECIFICATIONS	DBE 162
Power input	2,200 W
Rated voltage	230 V ~
Rated speed	0-510/0-1,150/0-2,500 rpm
Drilling diameter	wet 12-162 mm dry 12-202 mm
Spindle connection	G½" female + 1¼" male
Column length	995 mm
Hub	700 mm
Weight	20.7 kg
Order no.	03E35000
Supplied	ETN 162/3 + BST 182 V/S without drill bit



BST 182 V/S:
mounted carriage on 4 special balls



Ø 202
in brickwork



SPECIFICATIONS

PLE 160

Power input	2,300 W
Rated voltage	230 V ~
Rated speed	600/1,400/3,000 rpm
Leerlaufdrehzahl	1,000/2,300/5,000 rpm
Drilling diameter	wet 12-162 mm dry 12-202 mm
Spindle connection	G½" female + 1¼" male
Column length	1,000 mm
Hub	750 mm
Weight	20.9 kg
Order no.	0334F000
Supplied	PLD 160 + PLB 160 without drill bit

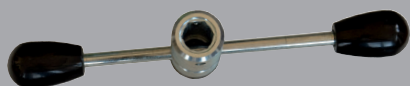
The versatile combination for drilling up to Ø 162 mm

USE:

- Dry drilling in sand-lime brick, brickwork, clinker, brick and other abrasive materials as well wet drilling in reinforced concrete, natural stone and asphalt
- Sanitary, heating and ventilation construction, other engineers, civil engineering, landscape construction

FEATURES:

- Electronic – soft start, temperature control and over current cut-off, optical overload indication
- 3 speed oil bath gearbox – for optimal lubrication in all working positions, due to the developed oil pump
- Mechanical safety clutch
- Combination spindle with integrated connection for centering rod – fast, precise spot drilling
- PUR-construction site cable – strong, for heavy duty use
- Changing system – fast conversion between wet and dry applications
- Integrated spirit level on the machine and additional handle as well as on the carriage, scale and hole center indicator on the drill rig – exact drilling
- Quick-mounting system – apply the motor to the drill rig without the need for tools
- Column of the rig can be adjusted to 45°
- Compact combination base – fixing with anchor or vacuum (vacuum set necessary)
- Feed lever change without any tools – easy change of the working site
- Retrofitable wheel axle (accessory) – easy transport



all adjusting elements with wrench size 19 mm:
easy adjustment/fixation with the feed lever



Diamond core drilling unit DBE 182

The unit for drilling up to Ø 202 mm

USE:

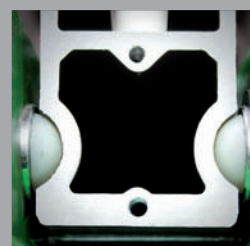
- Wet drilling in reinforced concrete, natural stone and asphalt
- Electrical installation, sanitary and heating installations, civil engineering, industrialised building

FEATURES:

- Electronic – soft start, temperature control and over current cut-off, optical overload indication, constant speed
- Service-LED – lights up approx. 10 working hours before the carbon brushes need to be replaced
- 3 speed oil bath gearbox – for optimal lubrication in all working positions, due to the developed oil pump
- Mechanical safety clutch
- Combination spindle with integrated connection for centering rod – fast, precise spot drilling
- PUR-construction site cable – strong, for heavy duty use
- Integrated spirit level on the machine and the carriage, scale and hole center indicator on the drill rig – exact drilling
- Quick-mounting system – apply the motor to the drill rig without the need for tools
- Column of the rig can be adjusted to 45°
- Compact combination base – fixing with anchor or vacuum (vacuum set necessary)
- Feed lever change without any tools – easy change of the working site
- Retrofittable wheel axle (accessory) – easy transport



SPECIFICATIONS	DBE 182
Power input	2,300 W
Rated voltage	230 V ~
Rated speed	480/1,080/2,350 rpm
Drilling diameter	12-202 mm (optimal 182 mm)
Spindle connection	G½" female + 1¼" male
Column length	995 mm
Hub	700 mm
Weight drilling unit	20.7 kg
Order no.	03E34000
Supplied	EBM 182/3 + BST 182 V/S without drill bit



BST 182 V/S:
mounted carriage on 4 special balls

**SPECIFICATIONS****DBE 250 R**

Power input	2,500 W
Rated voltage	230 V ~
Rated speed	360/850 rpm
Drilling diameter	52-250 mm
Spindle connection	1¼" male
Column length	995 mm
Hub	600 mm
Weight drilling unit	26.0 kg
Order no.	03521000
Supplied	EBM 250/2 RP + BST 250 without drill bit

Diamond core drilling unit DBE 250 R

The unit for drilling up to Ø 250 mm

USE:

- Wet drilling in reinforced concrete, natural stone and asphalt
- Electrical installation, sanitary and heating installations, civil engineering, industrialised building

FEATURES:

- Electronic – soft start, temperature control and over current cut-off, optical overload indication, constant speed
- Cut-off carbon brushes – protection of the motor
- Mechanical oil bath gearbox – for optimal lubrication in all working positions, due to the developed oil pump
- Mechanical safety clutch
- PUR-construction site cable – strong, for heavy duty use
- Shaft seals replaceable from the outside – easy to service
- Integrated spirit level on the carriage, scale and hole center indicator on the drill rig – exact drilling
- Quick-change plate – easy assembly to the drill rig
- Column of the rig can be adjusted to 45°
- Feed lever change without any tools – easy change of the working site
- Retrofitable wheel axle (accessory) – easy transport



Diamond core drilling unit DBE 300

The robust complete aluminium housed drill for holes up to Ø 300 mm

USE:

- Wet drilling in reinforced concrete, natural stone and asphalt
- Civil engineering

FEATURES:

- Full aluminium housing – durable and resistant
- Powerful 2,800 W motor – high power reserves
- Electronic – soft start, temperature control and over current cut-off, optical overload indication,
- Cut-off carbon brushes – protection of the motor
- 3 speed oil bath gearbox – for optimal lubrication in all working positions, due to the developed oil pump
- Mechanical safety clutch
- PUR-construction site cable – strong, for heavy duty use
- Shaft seals replaceable from the outside – easy to service
- Integrated spirit level on the carriage, scale and hole center indicator on the drill rig – exact drilling
- Quick change plate– easy mounting to drill rig
- Column of the rig can be adjusted to 45°
- Feed lever change without any tools – easy change of the working site
- Removeable wheel axle – easy transport



SPECIFICATIONS	DBE 300
Power input	2,800 W
Rated voltage	230 V ~
Rated speed	270/700/1,250 rpm
No-load speed	450/1,100/1,800 rpm
Drilling diameter	25-300 mm
Spindle connection	1 1/4" male
Column length	995 mm
Hub	600 mm
Weight drilling unit	32.1 kg
Order no.	0353B000
Supplied	EBM 300/3 P + BST 300 without drill bit



**SPECIFICATIONS****DBE 352**

Power input	3,000 W
Rated voltage	230 V ~
Rated speed	230/500/1,030 rpm
Drilling diameter	42-352 mm
Spindle connection	1¼" male
Column length	995 mm
Hub	620 mm
Weight drilling unit	35.0 kg
Order no.	03642000

Supplied EBM 352/3 + BST 352 V
without drill bit

Diamond core drilling unit DBE 352

The powerful unit for drillings up to Ø 352 mm

USE:

- Wet drilling in reinforced concrete, natural stone and asphalt
- Civil engineering

FEATURES:

- Powerful 3,000 W motor with high power reserves and a long lifetime
- Electronic – soft start, temperature control and over current cut-off, optical overload indication, constant speed
- Service-LED – lights up approx. 10 working hours before the carbon brushes need to be replaced
- 3 speed oil bath gearbox – for optimal lubrication in all working positions, due to the developed oil pump
- Mechanical safety clutch
- PUR-construction site cable – strong, for heavy duty use
- Universal connection – fasten the motor to the drill rig without any tools
- Integrated spirit level on the carriage, scale and hole center indicator on the drill rig – exact drilling
- Column of the rig can be adjusted to 45°
- Compact combination base – fixing with anchor or vacuum (vacuum set necessary)
- Feed lever change without any tools – easy change of the working site
- Removeable wheel axle – easy transport



BST 352 V:
mounted carriage on 4 special balls



Diamond core drilling unit PLE 450 B

PowerLine

The robust, powerful unit for drillings up to Ø 450 mm

USE:

- Wet drilling in reinforced concrete, natural stone and asphalt
- Civil engineering

FEATURES:

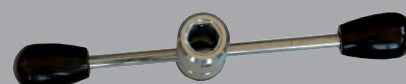
- Powerful 3,300 W heavy-duty motor with high power reserves and a long lifetime
- Full aluminium housing – durable and resistant
- Electronic – soft start, temperature control and over current cut-off, optical overload indication
- 3 speed oil bath gearbox – for optimal lubrication in all working positions, due to the developed oil pump
- Mechanical safety clutch
- PUR-construction site cable – strong, for heavy duty use
- Universal connection – fasten the motor to the drill rig without any tools
- Integrated spirit level on the carriage and scale on the drill rig – exact drilling
- Column swivel in three levels (75°/60°/45°)
- Steel column – robust, stable, buckling resistant
- Tooth rail separately exchangeable – easy to maintain
- Compact base with cut-out for quick action bracing unit
- Feed lever change without any tools – easy change of the working site
- Removeable wheel axle – easy transport



DIAMOND CORE DRILLING



SPECIFICATIONS	PLE 450 B
Power input	3.300 W
Rated voltage	230 V ~
Rated speed	180/400/780 rpm
Drilling diameter	71-450 mm
Spindle connection	1 1/4" male
Column length	1,000 mm
Hub	620 mm
Weight drilling unit	35.8 kg
Order no.	0373B000
Supplied	PLD 450 B + PLB 450 without drill bit



all adjusting elements with wrench size 19 mm:
easy adjustment/fixation with the feed lever

A

Diamond core drilling units ACCESSORIES

H I J Diamond drill bits and
drill bit extensions
see page 56

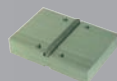


Sharpening block
200 x 100 x 50 mm



Sharpening plate
320 x 320 x 55 mm

Adapter plate (DBE 300)
for drillings over Ø 260 mm
with 45° inclination



Copper ring 1 1/4"
for easy removing of drill bits
1 piece



Water tank
5 l plastic
with 2.5 m hose and
Gardena-Connector



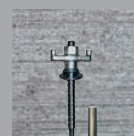
10 l metal
with 3.5 m hose and
Gardena-Connector



Quick action bracing unit
1.7-3 m Hub



Wheel axle
for PLB 160, BST 182 V/S, 250



Tightening screw
with wing nut,
washer
1 dowel M 12, Ø 15 mm



Fastening set concrete/stone
tightening screw,
wing nut, washer,
10 dowels M12, Ø 15 mm,
1 punch bolt



Fastening set brickwork
with Rawl-anchor M 12, Ø 20 mm,
tightening screw with
nut and washer,
wing nut, washer



Tube drilling device
for drill rig



Water suction hose



Spare seals
for water suction hose



Industrial vacuum cleaner



Vacuum plate
for KBS 250



Vacuum plate
for BST 250, 300, PLB 450



Vacuum set
for PLB 160, BST 182 V/S, 352 V



Vacuum hose
Length 3 m



Vacuum pump VP 03
Duty: 25 l/min,
Max. drilling Ø: 150 mm,
Max. vacuum: 850 mbar



Vacuum pump VP 04
Duty: 100 l/min,
Max. vacuum: 900 mbar



Diamond core drilling units ACCESSORIES

		DB 160	DBE 162	PLE 160	DBE 182	DBE 250	DBE 300	DBE 352	PLE 450
Core drill motor ETN 162/3	03E31000		x						
Core drill motor PLD 160	0334C000			x					
Core drill motor EBM 182/3	03E33000				x				
Core drill motor EBM 250/2 RP	0352H000					x			
Core drill motor EBM 300/3 P	03533000						x		
Core drill motor EBM 352/3	03641000							x	
Core drill motor PLD 450 B	03737000								x
Drill rig PLB 160	0962K000			x					
Drill rig BST 182 V/S	09646000		x		x				
Drill rig BST 250	09631000					x			
Drill rig BST 300	09626000					(x)	x	(x)	
Drill rig BST 352 V	09647000					(x)	(x)	x	
Drill rig PLB 450	0962M000								x
Adapter plate	35827000						x		
Copper ring 1¼"	35450000	x	x	x	x	x	x	x	x
Fastening set concrete/stone	35720000	x	x	x	x	x	x	x	x
Dowels for concrete/stone	35722000	x	x	x	x	x	x	x	x
Tightening screw	35721000	x	x	x	x	x	x	x	x
Fastening set brickwork	35724000	x	x	x	x	x	x	x	x
Rawl-anchor for brickwork	35725000	x	x	x	x	x	x	x	x
Quick action bracing unit	35730000	x	x	x	x	x	x	x	x
Wheel axle	3582A000			x					
Wheel axle	3582B000		x		x				
Wheel axle	3582C000					x			
Water tank 5 l	35811000	x	x	x	x	x	x	x	x
Water tank 10 l	35812000	x	x	x	x	x	x	x	x
Water suction hose WR 160	3587S000	x							
Water suction hose WR 160 PL	3587T000			x					
Water suction hose WR 202	3587C000		x		x				
Water suction hose WR 300	35879000					x	x		
Water suction hose WR 352	35873000							x	
Water suction hose WR 350 PL	3587Y000								x
Spare seal ED 152	3586A000	x		x					
Spare seal ED 202	3586K000		x		x				
Spare seal ED 300	35868000					x	x		
Spare seal ED 352	3586L000							x	x
Industrial vacuum cleaner DSS 25 A	09915000	x	x	x	x	x	x	x	x
Industrial vacuum cleaner DSS 50 A	09916000	x	x	x	x	x	x	x	x
Tube drilling device	35731000	x	x	x	x	x	x	x	x
Vacuum plate	35851000	x							
Vacuum plate	35857000					x	x		x
Vacuum set	3585F000		x		x				
Vacuum set	3585E000			x					
Vacuum set	3585G000							x	
Vacuum hose	35855000	x	x	x	x	x	x	x	x
Vacuum pump VP 03	09201000	x	x	x	x				
Vacuum pump VP 04	09204000	x	x	x	x	x	x	x	x
Sharpening block	35910000	x	x	x	x	x	x	x	x
Sharpening plate	35913000	x	x	x	x	x	x	x	x

(x) Optional with respective core drill motor



DIAMOND DRILL BITS

Diameter		Length	Segments		Diameter	Length	Segments		
Drill bit for socket outlets M 16 – dry – brickwork, sand-lime brick					J	Ø 126 mm	450 mm	10	36312600
A	Ø 68 mm	70 mm	3	35473000		Ø 131 mm	450 mm	10	36313100
	Ø 82 mm	70 mm	5	35471000		Ø 141 mm	450 mm	11	36314100
B	Ø 68 mm	70 mm	3	35474000		Ø 151 mm	450 mm	11	36315100
	Ø 82 mm	70 mm	5	35472000		Ø 161 mm	450 mm	12	36316100
C	Ø 68 mm	70 mm	3	35475000		Ø 171 mm	450 mm	12	36317100
	Ø 82 mm	70 mm	5	35476000		Ø 181 mm	450 mm	13	36318100
Drill bit for socket outlets M 16 – wet						Ø 201 mm	450 mm	14	36320100
	Ø 68 mm	70 mm	3	35893000		Ø 211 mm	450 mm	15	36321100
	Ø 82 mm	70 mm	5	35895000		Ø 225 mm	450 mm	15	36322500
Diamond dry drill bits 1¼" – brickwork, sand-lime brick						Ø 250 mm	450 mm	16	36325000
D	Ø 82 mm	200 mm	5	36A08200		Ø 257 mm	450 mm	16	36325700
	Ø 112 mm	200 mm	5	36A11200		Ø 300 mm	450 mm	24	36330000
	Ø 132 mm	200 mm	6	36A13200		Ø 350 mm	450 mm	28	36335000
	Ø 152 mm	200 mm	6	36A15200		Ø 400 mm	450 mm	32	36340000
	Ø 162 mm	200 mm	7	36A16200		Ø 450 mm	450 mm	33	36345000
	Ø 172 mm	200 mm	7	36A17200		Diamond wet full drill bits M 12 – concrete, tiles			
	Ø 182 mm	200 mm	8	36A18200	K	Ø 6 mm	150 mm		36120600
	Ø 192 mm	200 mm	8	36A19200		Ø 8 mm	150 mm		36120800
	Ø 202 mm	200 mm	10	36A20200		Ø 10 mm	150 mm		36121000
	Ø 225 mm	200 mm	12	36A22500	Ø 12 mm	150 mm		36121200	
E	Ø 250 mm	200 mm	12	36A25000	L	Ø 3,5 mm	60 mm		36110300
	Ø 52 mm	420 mm	3	36505200		Ø 4 mm	60 mm		36110400
	Ø 62 mm	420 mm	3	36506200		Ø 5 mm	60 mm		36110500
	Ø 72 mm	420 mm	4	36507200		Ø 6 mm	60 mm		36110600
	Ø 82 mm	420 mm	5	36508200		Ø 8 mm	60 mm		36110800
	Ø 102 mm	420 mm	5	36510200	Ø 10 mm	60 mm		36111000	
	Ø 112 mm	420 mm	5	36511200	Ø 12 mm	60 mm		36111200	
	Ø 122 mm	420 mm	6	36512200	Diamond wet hollow drill bits M 12 – stoneware, natural stone				
	Ø 127 mm	420 mm	6	36512700	M	Ø 6 mm	60 mm	Ring	36130600
	Ø 132 mm	420 mm	6	36513200		Ø 8 mm	60 mm	Ring	36130800
	Ø 152 mm	420 mm	6	36515200		Ø 10 mm	60 mm	Ring	36131000
	Ø 162 mm	420 mm	7	36516200		Ø 12 mm	60 mm	Ring	36131200
	Ø 172 mm	420 mm	7	36517200		Ø 14 mm	60 mm	Ring	36131400
	Ø 182 mm	420 mm	8	36518200		Ø 16 mm	60 mm	Ring	36131600
	Ø 202 mm	420 mm	10	36520200		Ø 18 mm	60 mm	Ring	36131800
Ceramic drill bit 1¼" – ceramics					Diamond wet drill bits R½" – tiles, stoneware, natural stone				
F	Ø 182 mm	150 mm	Ring	36418200	N	Ø 22 mm	40 mm	Ring	38102200
Diamond dry drill bits M 16 – reinforced concrete, sand-lime brick						Ø 30 mm	40 mm	Ring	38103000
G	Ø 51 mm	150 mm	7	36S05100		Ø 35 mm	40 mm	Ring	38103500
	Ø 67 mm	150 mm	10	36S06700		Ø 40 mm	40 mm	Ring	38104000
	Ø 81 mm	150 mm	11	36S08100		Ø 45 mm	40 mm	Ring	38104500
Diamond wet drill bits R½" – reinforced concrete, brickwork						Ø 50 mm	40 mm	Ring	38105000
H	Ø 10 mm	300 mm	Ring	36201000		Ø 55 mm	40 mm	Ring	38105500
	Ø 12 mm	300 mm	Ring	36201200		Ø 60 mm	40 mm	Ring	38106000
	Ø 14 mm	300 mm	Ring	36201400		Ø 63 mm	40 mm	Ring	38106300
	Ø 16 mm	300 mm	Ring	36201600		Ø 68 mm	40 mm	Ring	38106800
	Ø 18 mm	300 mm	Ring	36201800		Ø 82 mm	40 mm	Ring	38108200
	Ø 20 mm	300 mm	Ring	36202000		Ø 102 mm	40 mm	Ring	38110200
	Ø 25 mm	300 mm	Ring	36202500		Ø 122 mm	40 mm	Ring	38112200
	Ø 31 mm	300 mm	Ring	36203100	Diamond wet drill bits R½" – natural stone				
I	Ø 38 mm	420 mm	Ring	36203800	O	Ø 18 mm	150 mm	Ring	36C01800
	Ø 41 mm	420 mm	4	36204100		Ø 25 mm	150 mm	Ring	36C02500
	Ø 51 mm	420 mm	5	36205100		Ø 35 mm	150 mm	Ring	36C03500
Diamond wet drill bits 1¼" – reinforced concrete, brickwork						Ø 51 mm	150 mm	Ring	36C05100
J	Ø 41 mm	450 mm	4	36304100	Drill bit extensions R½"				
	Ø 51 mm	450 mm	5	36305100	200 mm			35462000	
	Ø 61 mm	450 mm	6	36306100	300 mm			35463000	
	Ø 71 mm	450 mm	6	36307100	500 mm			35465000	
	Ø 81 mm	450 mm	7	36308100	Drill bit extensions 1¼"				
	Ø 91 mm	450 mm	8	36309100	200 mm			35452000	
	Ø 101 mm	450 mm	9	36310100	300 mm			35453000	
	Ø 106 mm	450 mm	9	36310600	400 mm			35454000	
	Ø 111 mm	450 mm	9	36311100	500 mm			35455000	
	Ø 121 mm	450 mm	10	36312100					



Drill rigs ACCESSORIES

		BST 50V	KBS 250	BST 90	PLB 160	BST 182 V/S	BST 250	BST 300	BST 352 V	PLB 450
Adapter plate	35827000							X	X	
Fastening set concrete/stone	35720000		X	X	X	X	X	X	X	X
Dowels for concrete/stone	35722000		X	X	X	X	X	X	X	X
Tightening screw	35721000		X	X	X	X	X	X	X	X
Fastening set brickwork	35724000		X	X	X	X	X	X	X	X
Rawl-anchor for brickwork	35725000		X	X	X	X	X	X	X	X
Quick action bracing unit	35730000		X	X	X	X	X	X	X	X
Wheel axle	3582A000				X					
Wheel axle	3582B000					X				
Wheel axle	3582C000						X			
Water tank 5 l	35811000	X	X	X	X	X	X	X	X	X
Water tank 10 l	35812000	X	X	X	X	X	X	X	X	X
Water suction hose WR 82	3587R000	X								
Water suction hose WR 160 PL	3587T000				X					
Water suction hose WR 202	3587C000					X				
Water suction hose WR 300	35879000						X	X		
Water suction hose WR 352	35873000								X	
Water suction hose WR 350 PL	3587Y000									X
Spare seal ED 152	3586A000				X					
Spare seal ED 202	3586K000					X				
Spare seal ED 300	35868000						X	X		
Spare seal ED 352	3586L000								X	X
Industrial vacuum cleaner DSS 25 A	09915000	X	X	X	X	X	X	X	X	X
Industrial vacuum cleaner DSS 50 A	09916000	X	X	X	X	X	X	X	X	X
Tube drilling device	35731000			X	X	X	X	X	X	X
Vacuum plate	35851000		X							
Vacuum plate	35857000						X	X		X
Vacuum set	35854000			X						
Vacuum set	3585F000					X				
Vacuum set	3585E000				X					
Vacuum set	3585G000								X	
Vacuum hose	35855000		X	X	X	X	X	X	X	X
Vacuum pump VP 03	09201000		X	X	X	X				
Vacuum pump VP 04	09204000		X	X	X	X	X	X	X	X
Reducing ring Ø 60 to Ø 53 mm	35820000		X							
Reducing ring Ø 60 to Ø 43 mm	35821000		X							
Connecting adapter Universal tool holder/Collar mounting Ø 60 mm	35829000					X	X	X	X	



Tile drilling machine EFB 152 PX



Ø 120



Precise drilling with minimum effort

USE:

- Wet drilling of tiles and plates of ceramic materials, glass and natural stone
- Producing of holes for armature and toilet installations, recessed lights, switches etc.
- Tilers, natural stone companies

FEATURES:

- Electronic – soft start, temperature control and over current cut-off, speed adjustment and constant speed
- Integrated water supply
- Drilling of large tiles possible without the use of the pan
- Detachable machine and removable pan with water drain allow – easy cleaning, easily transportable, stable design
- Galvanised support – rust resistant
- Splash protector – height adjustable for different material thicknesses without the need for any tools

SPECIFICATIONS

EFB 152 PX







Power input	1,150 W
Rated voltage	230 V ~
Rated speed	250-1,000 rpm
Drilling diameter	6-120 mm
Distance column/ drill bit middle	320 mm
Spindle connection	G½" female
Weight	19.0 kg
Order no.	0662B000

Supplied

in a box with assembly tools,
without drill bit, without quick
change adapter



A Tile drilling machine ACCESSORIES

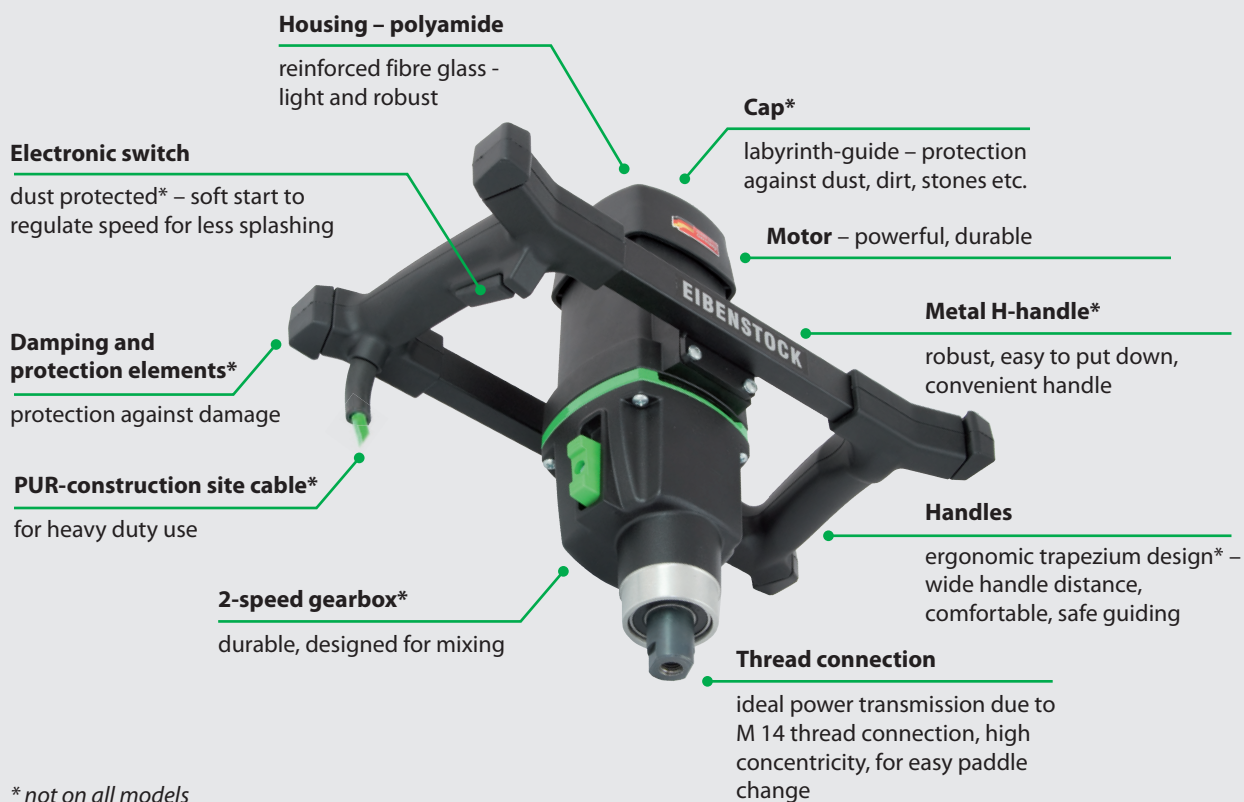
	1 Adapter ring for fixing to small tiles from 10 cm	38003000
 N	2 Diamond wet drill bits, R½" max. drilling depth 40 mm for tiles, stoneware, natural stone	s. p. 56
	3 Folding table with board B 400 x L 600 x H 850 mm	37473000
	4 Sharpening block 200 x 100 x 50 mm	35910000
	5 Quick change adapter	38004000
	6 Quick change attachment	38006000



MIXING



Model	Catalogue page	Max. basket	Spindle connection	Power input	Rated speed
EHR 14.1 SK 	62	120 mm	M 14 female	960 W	0-390 rpm
EHR 15.1 SB 	62	120 mm	M 14 female	1,050 W	0-450 rpm
EHR 18 S 	63	120 mm	M 14 female	1,100 W	0-450 rpm
EHR 20.1 R 	63	140 mm	M 14 female	1,300 W	250-580 rpm
EHR 20/2.5 S 	64	140 mm	M 14 female	1,300 W	0-250/ 0-450 rpm
EHR 23/2.4 S 	64	180 mm	M 14 female	1,800 W	0-250/ 0-580 rpm
EZR 22 R R/L 	66	220 mm	Special	1,300 W	140-400 rpm
Automix 1801 	68	–	M 20 female	1,500 W	50 rpm
Automix 90 	68	–	M 20 female	1,500 W	50 rpm



* not on all models

FEATURES OF STIRRERS

From the small, handy mixer up to the mobile mixing station. Our reliable, well made, durable and easy to use EIBENSTOCK mixing range has something for everyone in the plastering, painting and masonry trades. We offer a quick change paddle adaptor with M14 thread for the entire range as an accessory.



Stirrer EHR 14.1 SK Set



max. 120

The lightweight stirrer up to 30 kg

USE:

- Mixing of building materials with low viscosity, e.g. paint, glue, filler and leveling compounds, tile cement
- Drywall construction, tiler, painter and plasterer

FEATURES:

- Electronic switch – stepless speed regulation for less splashing
- M 14 female direct stirrer connection – effective power transmission, high concentricity
- Large handles – effortless working
- T-wise handling – comfortable mixing

Stirrer EHR 15.1 SB Set



max. 120

The handy stirrer up to 40 kg

USE:

- Mixing of building materials with low and middle viscosity, e.g. paint, glue, filler and leveling compounds, tile cement, ready-mixed mortar
- Drywall construction, tiler, painter and plasterer

FEATURES:

- Electronic switch – stepless speed regulation for less splashing
- M 14 female direct stirrer connection – effective power transmission, high concentricity
- Space-saving metal bow handle – handy, easy to put down, comfortable transport
- Soft grip handle – less vibration, non-slip

SPECIFICATIONS	EHR 14.1 SK SET
Power input	960 W
Rated voltage	230 V ~
Rated speed	0-390 rpm
No-load speed	590 rpm
Max. basket Ø	120 mm
Spindle connection	M 14 female
Weight	2.9 kg
Order no.	07753000
Supplied	in a box with stirring rod WG 120

SPECIFICATIONS	EHR 15.1 SB SET
Power input	1,050 W
Rated voltage	230 V ~
Rated speed	0-450 rpm
No-load speed	800 rpm
Max. basket Ø	120 mm
Spindle connection	M 14 female
Weight	3.1 kg
Order no.	07760000
Supplied	in a box with stirring rod WG 120



Stirrer EHR 18 S Set



The universal stirrer up to 40 kg

USE:

- Mixing of building materials with low and middle viscosity, e.g. paint, glue, filler and leveling compounds, tile cement, ready-mixed mortar
- Drywall construction, tiler, painter and plasterer, civil engineering

FEATURES:

- Electronic switch – stepless speed regulation for less splashing
- Cap with labyrinth-guide – protection against dust, dirt, stones, splash water
- M 14 female direct stirrer connection – effective power transmission, high concentricity
- Damping and protection elements

Stirrer EHR 20.1 R Set



The perfect adjustable stirrer up to 50 kg

USE:

- Mixing of building materials with middle and high viscosity e.g. filler and leveling compounds, tile cement, ready-mixed mortar and plaster
- Drywall construction, plaster, civil engineering, landscaping

FEATURES:

- Soft start for less splashing
- Temperature control
- Stepless speed regulation and constant speed – optimum settings on the material to be mixed
- M 14 female direct stirrer connection – effective power transmission, high concentricity
- Cap with labyrinth-guide – protection against dust, dirt, stones, splash water
- Damping and protection elements

SPECIFICATIONS	EHR 18 S SET
Power input	1,100 W
Rated voltage	230 V ~
Rated speed	0-450 rpm
No-load speed	800 rpm
Max. basket Ø	120 mm
Spindle connection	M 14 female
Weight	4.1 kg
Order no.	07741000
Supplied	in a box with stirring rod WG 120

SPECIFICATIONS	EHR 20.1 R SET
Power input	1,300 W
Rated voltage	230 V ~
Rated speed	250-580 rpm
Max. basket Ø	140 mm
Spindle connection	M 14 female
Weight	4.9 kg
Order no.	07742000
Supplied	in a box with stirring rod MG 140





Stirrer EHR 20/2.5 S Set



max. 140 mm

The versatile stirrer up to 50 kg

USE:

- Mixing of building materials with middle and high viscosity, e.g. filler and leveling compounds, tile cement, ready-mixed mortar and plaster, screed
- Drywall construction, tiler, plaster, civil engineering, landscaping

FEATURES:

- Electronic switch – stepless speed regulation for less splashing
- 2-speed gearbox – the right speed for every application
- M 14 female direct stirrer connection – effective power transmission, high concentricity
- Cap with labyrinth-guide – protection against dust, dirt, stones, splash water
- Damping and protection elements

Stirrer EHR 23/2.4 S Set



max. 180 mm

The powerful stirrer up to 80 kg

USE:

- Mixing of building materials with high viscosity, e.g. filler and leveling compounds, tile cement, ready-mixed mortar and plaster, screed, epoxy resins, sealants, granules
- Drywall construction, tiler, plaster, civil engineering, landscaping

FEATURES:

- Electronic switch – stepless speed regulation for less splashing
- 2-speed gearbox – the right speed for every application
- M 14 female direct stirrer connection – effective power transmission, high concentricity
- Cap with labyrinth-guide – protection against dust, dirt, stones, splash water
- Damping and protection elements

SPECIFICATIONS	EHR 20/2.5 S SET
Power input	1,300 W
Rated voltage	230 V ~
Rated speed	0-250/0-450 rpm
No-load speed	400/730 rpm
Max. basket Ø	140 mm
Spindle connection	M 14 female
Weight	5.1 kg
Order no.	07743000
Supplied	in a box with stirring rod MG 140

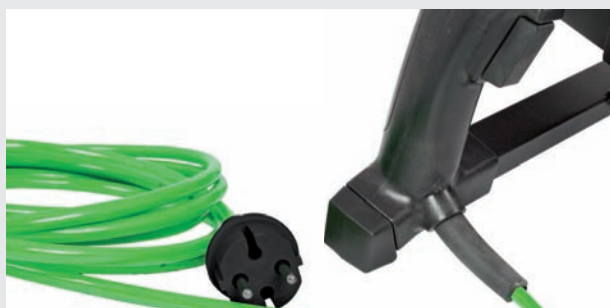
SPECIFICATIONS	EHR 23/2.4 S SET
Power input	1,800 W
Rated voltage	230 V ~
Rated speed	0-250/0-580 rpm
No-load speed	440/970 rpm
Max. basket Ø	180 mm
Spindle connection	M 14 female
Weight	6.9 kg
Order no.	07755000
Supplied	in a box with stirring rod MG 160



THE FEATURES OF THE STIRRERS OF THE NEW GENERATION



Damping and protection elements made of special rubber – protection of the machine and the surface in case of unintentional fall



PUR-construction site cable and a protected cable outlet



Wide, trapezium design, ergonomic handles and a high positioned center of gravity – easy, well balanced guiding of the machine for greater leverage



BACK PROTECTION SYSTEM

Ergonomics in Construction

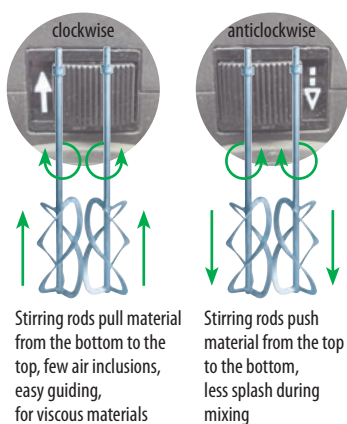
Extensions and quick change adapters allow the user to easily change the stirring rod and adapt the stirrer to the users size, without the need for tools.





INNOVATION

two mixing effects
electrical switchable



SPECIFICATIONS

EZR 22 R R/L SET

Power input	1,300 W
Rated voltage	230 V ~
Rated speed	140-400 rpm
Total diameter rods	220 mm
Spindle connection	Special
Weight	6.7 kg
Order no.	0774C000
Supplied	in a box with stirring rods large
Accessories	Stirring rods small (1 pair), up to 40 kg 31620000 Stirring rods large (1 pair), up to 60 kg 31610000

Contra twin stirrer EZR 22 R R/L Set

The quick and thorough stirrer up to 60 kg

USE:

- Mixing clockwise of highly viscous and stiff materials, e.g. tile cement, ready-mixed mortar and plaster, screed, epoxy resins, sealants, granules, multi-component materials, coatings
- Mixing anticlockwise of building materials with low and middle viscosity, e.g. paint, glue, filler and leveling compounds
- Drywall construction, tiler, painter and plasterer, civil engineering, floor renovators

FEATURES:

- Two mixing effects simply by switching
- Two contra rotating stirring rods – no counter torque, easy handling, saves time and effort
- Electronic switch – dust protected
- Soft start for less splashing
- Temperature control
- Stepless speed regulation and constant speed – optimum settings on the material to be mixed
- Cap with labyrinth-guide – protection against dust, dirt, stones, splash water
- Damping and protection elements



Stirring rods small



Stirring rods large





- **Separation without the need for tools**
into 3 components,
space-saving storage/transport

Universal motor

powerful, robust,
high torque

Protective grating

easy and safe pouring into
bucket

Safety switch

cut-off in case of opening the
protective grating – protec-
tion of the user (Automix 90)

Draught-bar

Integrated transport cart
with draught-bar– mobile use of
the bucket (Automix 90)

Transport rollers

for mobile use

FEATURES OF MIXING STATIONS

Our mobile mixing stations offer a compact size and low weight but also maintain high torque. The drive motor can be removed quickly and effortlessly to allow easy transport of the unit whilst also saving space.



Mixing station Automix 1801

50 kg



The mobile mixing station up to 50 kg

USE:

- Mixing of building materials with middle and high viscosity, e.g. filler and leveling compounds, tile cement, ready-mixed mortar and plaster, screed
- civil engineering, floor renovators, landscaping

FEATURES:

- Robust universal motor – very high performance
- Switch with dust protection cover
- Mechanical safety clutch
- Integrated transport cart with draught-bar – for mobile use
- Separation of motor and base frame without any tools
- Low weight, compact design – easy to transport and space-saving storage
- Protective grating – easy and safe pouring of bagged material
- Hinged machine arm – easy bucket exchange
- Twist protection for bucket – stable handling

Mixing station Automix 90

80 kg



The mobile mixing station up to 80 kg

USE:

- Mixing of building materials with middle and high viscosity, e.g. filler and leveling compounds, tile cement, ready-mixed mortar and plaster, screed
- civil engineering, floor renovators, landscaping

FEATURES:

- Robust universal motor – very high performance
- Switch with dust protection cover
- Mechanical safety clutch
- Integrated transport cart with draught-bar – for mobile use
- Separation of motor and base frame without any tools
- Space-saving storage
- Safety switch – cut-off in case of opening the protective grating
- Remix operator – pressing a special button enables to continue the mixing operation after the head has been lifted up
- Twist protection for bucket – stable handling

SPECIFICATIONS	AUTOMIX 1801
Power input	1,500 W
Rated voltage	230 V ~
Rated speed	50 rpm
No-load speed	115 rpm
Bucket size	65 l
Spindle connection	M 20 female
Weight	26.5 kg
Order no.	07614000
Supplied	in a box with mixing paddle, bucket
Accessories	
Mixing paddle	31440000
Special stirring rod	31442000
Bucket 65 l	32341000



SPECIFICATIONS	AUTOMIX 90
Power input	1,500 W
Rated voltage	230 V ~
Rated speed	50 rpm
No-load speed	115 rpm
Bucket size	90 l
Spindle connection	M 20 female
Weight	35.0 kg
Order no.	07617000
Supplied	in a box with special stirring rod, bucket
Accessories	
Special stirring rod	31460000
Bucket 90 l	32342000





M 14 male thread

max. power transmission,
high concentricity,
easy change,
non sensitive

or hexagonal shank
for wrench roundbar,
respectively for use with
standard drill chucks

Product information

with application
recommendation



Stirring bar

made of stable round bar steel
smooth surface
galvanised, high resistant, durable

Helix

robust welded joints

Ring*

for protection of bucket



* not on all models

CHARACTERISTICS OF THE STIRRING RODS

EIBENSTOCK offers mixing paddles for all requirements and applications. They have a high concentricity and are extremely durable.

APPLICATIONS OF THE STIRRING RODS

S Disc stirring rod, galvanised

The stirring rod for liquid media for use with high-speed tools. Quick and smooth running mixing.

R Round stirring rod, galvanised

The stirring rod for liquid and viscous media, e.g. wall paints for inside and outside, emulsion paints, lacquers, zinc dust paints, mineral paints, silicate paints, cement paints, minium, chemicals, bitumen, casting compounds, laitances.

W Helicon ribbon stirring rod, galvanised

The powerful stirring rod for sticky and tough materials, e.g. prefab plaster and mortar, adhesive mortar, preparation binder, gypsum, lime, cement facing, screed, concrete, tile cement, bonding, pastes, granulates, quartz-filled epoxy resins.

M Mortar stirring rod, galvanised

The particularly robust stirring rod for heavy and highly viscous materials, e.g. prefab plasters and mortar, lime, concrete, cement, screed, filling compound, insulating plasters, quartz-filled epoxy resins.

MGV Mortar stirring rod, Stainless steel

The stainless steel stirring rod with high durability is particularly suitable for abrasive materials, food (e.g. honey) and

fodder. Please check suitability if the material contains acids or caustics!

LG Glue stirring rod, galvanised

The stirring rod especially for sticky media is particularly suitable for epoxy resin components, concrete coatings, adhesive materials and filling compounds.

SPG Filler stirring rod, galvanised

The filler stirring rod lifts up material settled on the bottom of the bucket (e.g. prefab filler and concrete coatings) and mixes it at low speed, thus preventing air inclusions.

RP Mixing paddle, galvanised

The mixing paddle for heavy materials - and can be used with the RST 91 mixing stand and bucket - is suitable for bitumen, clay, thick-film, emulsions and sealing materials. The RP 120 is stainless steel.

right hand spiral (standard):

Stirring rod pulls material from the bottom – few air inclusions, easy guiding, for tough materials









left hand spiral (MG xxx L):

Stirring rod pushes material from the top to the bottom – less splash during mixing for media of low viscosity



Material	S	R	W	M	MGV	LG	SPG	RP
Wall paint	x	x						
Emulsion paint	x	x						
Lacquer	x	x						
Zinc dust paint		x						
Mineral paint		x						
Silicate paint	x	x						
Red lead coat	x	x						
Chemicals	x	x			x			
Food					x			
Bitumen		x				x	x	x
Grouting compounds		x		(x)		x		
Cement laitance	x	(x)		(x)		x		
Plaster/chalk			(x)	x				
Adhesive mortar			x	x				
Ready blended screedmortar			x	x		(x)		
Glue			x	x		x		
Concrete			(x)	x		(x)		
Tile adhesive			x	x		x		
Filling compound			x	x				
Ready mixed filler							x	
Granules/plaster			x	x	x			
Thermal insulating plaster			(x)	x				x

OVERVIEW OF THE STIRRING RODS

Stirring rod	type	max. basket Ø	length in mm	batch in kg	shank connection	
S Disc stirring rod 	S 55	55	350	5	Ø 7	31501000
	S 80	80	350	15	Ø 7	31502000
	S 100	100	500	40	6- SW 10	31513000
	SG 120	120	590	50	M 14	31524000
	SG 150	150	500	150	M 14	31527000
	SGR 120	120	590	50	M 14	31525000
R Round stirring rod 	R 70	70	400	10	6- SW 8	31111000
	R 85	85	400	15	6- SW 8	31112000
	R 100	100	600	20	6- SW 10	31113000
	R 120	120	600	25	6- SW 10	31114000
	RG 100	100	600	20	M 14	31123000
	RG 120	120	600	25	M 14	31124000
W Helicon ribbon stirring rod 	W 70	70	400	5	6- SW 8	31211000
	W 85	85	400	8	6- SW 8	31212000
	W 95	95	500	10	6- SW 8	31218000
	W 100	100	600	15	6- SW 10	31213000
	W 120	120	600	20	6- SW 10	31214000
	WG 100	100	600	15	M 14	31223000
	WG 120	120	600	20	M 14	31224000
	WG 135	135	600	50	M 14	31225000
	WG 160	160	600	80	M 14	31227000
	WGV 120	120	600	25	M 14	31414000
M Mortar stirring rod 	M 120	120	600	25	6- SW 12	31314000
	MG 120	120	600	25	M 14	31324000
	MG 140	140	600	50	M 14	31326000
	MG 160	160	600	80	M 14	31327000
	MG 180	180	600	80	M 14	31328000
	MG 200	200	600	100	M 14	31329000
	MG 120 L	120	600	25	M 14	31334000
	MG 140 L	140	600	50	M 14	31336000
	MG 160 L	160	600	80	M 14	31337000
MGV Mortar stirring rod, stainless steel 	MGV 120	120	600	25	M 14	31424000
	MGV 140	140	600	50	M 14	31426000
	MGV 160	160	600	80	M 14	31427000
LG Glue stirring rod 	LG 120	120	600	25	M 14	31024000
SPG Filler stirring rod 	SPG 120	120	600	10	M 14	31027000
	SPG 180	180	600	20	M 14	31028000
	SPG 240	240	600	30	M 14	31029000
RP Mixing paddle 	RP 120	120	450	25	Ø 10	31434000
	RPG 160	160	600	50	M 14	31437000

Mixing ACCESSORIES

For all stirrers with M 14 female thread connection and all stirring rods with M 14 male thread connection



1 Quick change adapter M 14, with insert
(for stirrers with M 14 f)

32143000



2 Insert for quick change adapter M 14
(for stirring rods with M 14 m)

32144000



3 Quick change set M 14, with two inserts
(for stirring rods with M 14 m)

32145000



- stirring rods can be changed with the plug in quick change adapter, without the need for any tools
- quick change of the mixing tool for different materials
- space saving transport and easy cleaning of the stirring rods
- retrofit for all stirrers M 14 (female) thread
- Operation – screw the clutch of the quick change adapter in the stirrer and plug in the stirring rod, to remove, simply pull back the capsule on the clutch



32350000



We offer the following adapters for the use with stirrers of other brands:

1

6



1	5/8" female - M 14 female	e.g. BOSCH, Makita	32123000
2	1/2" female - M 14 female	e.g. Baier	32113000
3	1/2" male - M 14 male	e.g. Hitachi	32147000
4	M 14 female - M 14 female	e.g. FESTOOL	32153000
5	M 18 female - M 14 female	e.g. FLEX, PFT	32173000
6	5/8" male - M 14 female		32133000
7	MT 2 - M 14 female	e.g. heavy duty drilling machines	33113000
8	MT 3 - M 14 female	e.g. heavy duty drilling machines	33123000
9	M 14 male - B 18	e.g. chuck	32142000
10	M 14 female - SDS-plus	e.g. hammer drill	32134000



11	Extensions	150 mm	32230000
		250 mm	32210000
		400 mm	32220000

SANDING MILLING SMOOTHING



Model		Catalogue page	Disc diameter	Spindle connection	Power input	Rated speed
Scouring machine EPF 1503		76	140 mm	M 14 male	1,500 W	4,000 rpm
Concrete grinder EBS 120		76	125 mm	Ø 22.2 mm	1,400 W	10,000 rpm
Concrete grinder EBS 125.4 O		77	125 mm	Ø 22.2 mm	1,500 W	10,000 rpm
Concrete grinder EBS 125.4 RO		77	125 mm	Ø 22.2 mm	1,500 W	6,000- 10,000 rpm
Concrete grinder EBS 1802		78	125 mm	Ø 22.2 mm	1,800 W	*10,000 rpm
Concrete grinder EBS 1802 SH		78	125 mm	Ø 22.2 mm	1,800 W	*10,000 rpm
Concrete grinder EBS 180 H		79	180 mm	Ø 22.2 mm	2,500 W	*9,500 rpm
Concrete grinder EBS 235.1		80	235 mm	M 20 male Special	2,200 W	*1,380 rpm
Long reach sander ELS 225		84	225 mm	Velcro	750 W	1,050- 1,600 rpm
Dry-wall sander ETS 225		86	225 mm	Velcro	700 W	0-1,450 rpm
Insulation board sander EWS 400		86	370 mm	Push fit fitting/Velcro	800 W	0-85 rpm
Plaster smoothing machine EPG 400		87	370 mm	Push fit fitting/Velcro	500 W	0-60 rpm
Plaster smoothing machine EPG 400 WP		87	370 mm	Push fit fitting/Velcro	500 W	0-60 rpm

* No-load speed



FEATURES OF CONCRETE GRINDER

The EIBENSTOCK concrete grinder sets the standards in terms of their handiness. The special parallel grip design provides the user with numerous benefits including even distribution of pressure on the disc, even overhead. The use of a vacuum cleaner with the dusthood ensures a clean working environment, but also prolongs the lifetime of the machine.

Scouring machine EPF 1503



Ø 140

Concrete grinder EBS 120



Ø 125

The specialist scouring machine with a high removal rate

USE:

- Removal of tile adhesive, plaster, paint, coatings
- Roughing of surfaces

FEATURES:

- Electronic – soft start, constant speed, speed reduction in case of overload, temperature and over current cut-off
- Guide ring adjustable – precise depth definition
- Brush rim – high suction power for dust-free working by connecting an industrial vacuum cleaner (accessory) to the 35 mm nozzle
- Soft grip handle – less vibration, non-slip
- Floor guiding device (optional)

USE:

- Grinding and smoothing of surfaces
- Removing of screed seams, residual mud, plaster and coatings
- Preparing of surfaces, e.g. for tile renovation
- Concrete, screed, tile adhesive, plaster, paint, coatings, carpet adhesive – with special grinding wheels (accessories)
- Working in tight spots for example under radiators, protrusions

FEATURES:

- Electronic – soft start, constant speed, temperature control
- Foldable front edge of dust guard – for grinding directly to the edge of the work area
- Slim housing design – compact, well balanced design
- Soft grip handle – less vibration
- Spindle lock – easy tool change

SPECIFICATIONS	EPF 1503
Power input	1,500 W
Rated voltage	230 V ~
Rated speed	4,000 rpm
Milling head Ø	140 mm
Depth adjustment	0.5-4.0 mm
Spindle connection	M 14 male
Weight	3.9 kg
Order no.	06511000
Supplied	in a case with capstan incl. 16 claw cutters

SPECIFICATIONS	EBS 120
Power input	1,400 W
Rated voltage	230 V ~
Rated speed	10,000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	2.9 kg
Order no.	0630B000
Supplied	in a case with diamond-grinding wheel (concrete), tool kit



Concrete grinder EBS 125.4 O

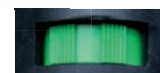


Ø 125

Concrete grinder EBS 125.4 RO



Ø 125



Speed regulation

The robust hand-held grinder for small to medium sized surfaces

USE:

- Grinding and smoothing of surfaces
- Removing of screed seams, residual mud, plaster and coatings
- Preparing of surfaces, e.g. for tile renovation
- Concrete, screed, tile adhesive, plaster, paint, coatings, carpet adhesive, wood* – with special grinding wheels (accessories)

FEATURES:

- Electronic – soft start, constant speed, speed reduction in case of overload, temperature and over current cut-off

- Speed regulation (EBS 125.4 RO) – allows to work on finishing plaster, lime sand brick and wood with tungsten carbide grit discs
- Foldable front edge of dust guard – for grinding directly to the edge of the work area (no laborious reworking, saves time and costs)
- Brush rim – high suction power for dust-free working by connecting an industrial vacuum cleaner (accessory) to the 35 mm nozzle
- Parallel handle position – ergonomic handles allow exact and balanced guiding for a better surface finish
- Floor guiding device – available as accessory

SPECIFICATIONS	EBS 125.4 O
Power input	1,500 W
Rated voltage	230 V ~
Rated speed	10,000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	4.7 kg
Order no.	06324000
Supplied	in a case with diamond-grinding wheel (concrete), tool kit

SPECIFICATIONS	EBS 125.4 RO
Power input	1,500 W
Rated voltage	230 V ~
Rated speed	6,000-10,000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	4.7 kg
Order no.	06325000
Supplied	in a case with diamond-grinding wheel (concrete), tool kit





Concrete grinder EBS 1802



Ø 125

Concrete grinder EBS 1802 SH



Ø 125

The powerful hand-held grinder for small to medium sized surfaces

USE:

- Grinding and smoothing of surfaces
- Removing of screed seams, residual mud, plaster and coatings
- Preparing of surfaces, e.g. for tile renovation
- Concrete, screed, tile adhesive, plaster, paint, coatings, carpet adhesive – with special grinding wheels (accessories)

FEATURES:

- Powerful motor – high capacity
- Electronic – soft start, over current cut-off, optical overload indication

- EBS 1802 SH – the machine for every surface: PCD-grinding wheel with monobloc diamonds – high removal rate and long lasting
- Foldable front edge of dust guard – for grinding directly to the edge of the work area (no laborious reworking, saves time and costs)
- Brush rim – high suction power for dust-free working by connecting an industrial vacuum cleaner (accessory) to the 35 mm nozzle
- Parallel handle position – ergonomic handling allows exact and balanced guiding for a better surface finish
- Floor guiding device – available as accessory (not for use with PCD-grinding wheels)

SPECIFICATIONS	EBS 1802
Power input	1,800 W
Rated voltage	230 V ~
No-load speed	10,000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	5.9 kg
Order no.	0633J000
Supplied	in a case with diamond-grinding wheel (concrete), tool kit

SPECIFICATIONS	EBS 1802 SH
Power input	1,800 W
Rated voltage	230 V ~
No-load speed	10,000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	5.9 kg
Order no.	0633L000
Supplied	in a case with PCD-grinding wheel, tool kit

EBS 1802 SH – the machine for every surface: PCD-grinding wheel included in delivery



Concrete grinder EBS 180 H

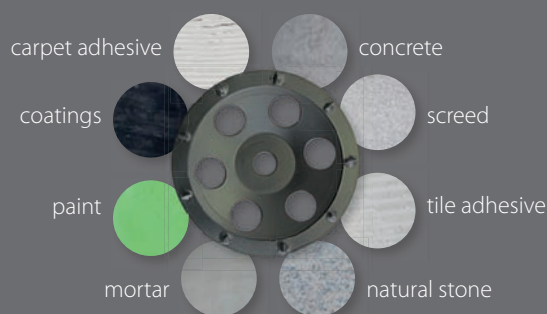
The powerful hand-held grinder for medium sized surfaces

USE:

- Grinding and smoothing of surfaces
- Removing of screed seams, residual mud, plaster and coatings
- Preparing of surfaces, e.g. for tile renovation
- Concrete, screed, tile adhesive, natural stone, plaster, paint, coatings, carpet adhesive – with corresponding grinding wheels (accessories)

FEATURES:

- Powerful 2,500 W motor
- Electronic – soft start, temperature and over current cut-off
- Foldable front edge of dust guard – for grinding directly to the edge of the work area (no laborious reworking, saves time and costs)
- Brush rim – high suction power for dust-free working by connecting an industrial vacuum cleaner (accessory) to the 35 mm nozzle
- Parallel handle position – ergonomic handles allow exact and balanced guiding for a better surface finish
- Floor guiding device – available as accessory



the machine for every surface: PCD-grinding wheel with monobloc diamonds – high removal rate and long lasting (accessory)



Floor guiding device (accessory) – comfortable use of the machine in an upright position

Ø 180

SPECIFICATIONS	EBS 180 H
Power input	2,500 W
Rated voltage	230 V ~
No-load speed	9,500 rpm
Disc diameter	180 mm
Spindle connection	Ø 22.2 mm
Weight	8.4 kg
Order no.	0633H000
Supplied	in a case with diamond-grinding wheel (concrete), tool kit





Ø 235

**Order also the correct grinding shoes
for your application
(see accessories pages 82/83)!**

SPECIFICATIONS	EBS 235.1
Power input	2,200 W
Rated voltage	230 V ~
No-load speed	1,380 rpm
Disc diameter	235 mm
Spindle connection	M 20 male/Special
Weight	38 kg
Order no.	06347000
Supplied	in a box with base plate for 5 grinding shoes

Concrete grinder EBS 235.1

The powerful floor grinder for large surfaces

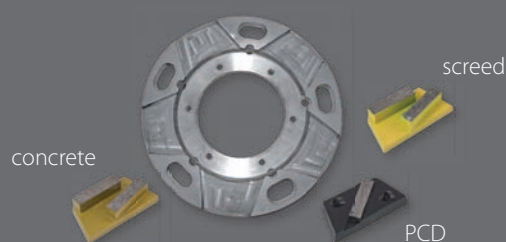
USE:

- Grinding and smoothing of large surfaces
- Removal of coatings
- Preparing of surfaces, e.g. for carpet renovation in living rooms and cellars, garages and on balconies
- Concrete, screed, tile adhesive, natural stone, plaster, paint, coatings, carpet adhesive – with corresponding grinding wheels (accessories)

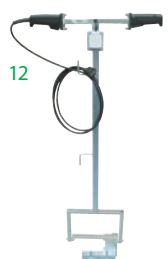
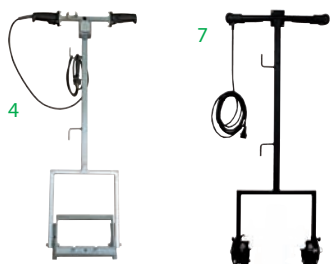
FEATURES:

- 2,200 Watt single-phase AC-motor – durable, high load capacity, easy to service
- Segment on the dust-guard detachable and adjustable handle – for grinding directly to the edge of the work area (no laborious reworking, saves time and costs)
- Brush rim – high suction power for dust-free working by connecting an industrial vacuum cleaner (accessory) to the 35 mm nozzle
- Height adjustable chassis and floor guiding device – optimal adaptation to the size of the user (precise guiding, comfortable working, optimal grinding result)
- Low weight and additional handle on the motor – easy transport

Base plate for use with interchangeable segments



A Sanding/Milling ACCESSORIES



FOR CONCRETE GRINDERS

		EB5 120	EB5 125.4 O	EB5 125.4 RO	EB5 1802	EB5 1802 SH	EB5 180 H	EB5 235.1	
1	Driving disc	x	x	x	x	x	x		37206000
2	Driving nut	x	x	x	x	x	x		37207000
3	Tool kit for dust guard with detachable segmet (No. 37205000)	x	x	x	x	x	x		37208000
4	Floor guiding device		x	x	x				37212000
5	Brush rim, 2 parts for dust guard with detachable segmet (No. 37205000)		x	x	x	x			37202000
	Brush rim, 2 parts (not pictured) for dust guard with flip segmet (No. 37229000)	x	x	x	x	x			3722A000
6	Dust guard cpl. with brush rim and wrench	x	x	x	x	x			37229000
7	Floor guiding device						x		37215000
8	Brush rim, 2 parts with detachable segmet						x		37227000
9	Base plate unequipped for 5 grinding shoes							x	37120000
10	Brush rim, 2 parts							x	37224000
11	Segment for dust guard							x	37226000

FOR SCOURING MACHINE

12	Floor guiding device								37404000
13	Capstan with 16 claw cutters (bent) Capstan with 16 claw cutters (pointed) not pictured								37428000 37429000
14	Claw cutters bent, 16 pieces Claw cutters pointed, 16 pieces								37426000 37427000
15	Brush rim								37425000
16	Tool kit								37416000

We recommend for all EIBENSTOCK machines with dust extraction an industrial vacuum cleaner with a high and constant suction performance.

INDUSTRIAL VACUUM CLEANER FOR CONNECTING DIRECTLY TO THE DUST EXTRACTION



DSS 25 A (25 l)	09915000
DSS 50 A (50 l)	09916000
DSS 35 M iP (35 l) for harmful dust	09919000

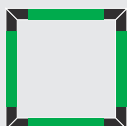
A

Sanding/Milling ACCESSORIES

Model	Surface	Materials			
Field of applications		Concrete	Screed	Tile adhesive	Natural stone
<p>Concrete grinder EBS 120</p>					
<p>Concrete grinder EBS 125.4 O/125.4 RO</p>					
<p>Concrete grinder EBS 1802/1802 SH</p>					
<p>Concrete grinder EBS 180 H</p>					
<p>Concrete grinder EBS 235.1</p>					
<p>Scouring machine EPF 1503</p>					



suitable for surfaces
of the shown size



suitable for sanding
directly to the edge
of the work area

- Diamond-grinding wheel Ø 125 mm
concrete standard
concrete premium
- Diamond-grinding wheel Ø 125 mm
screed
- Diamond-grinding wheel Ø 125 mm
coatings Rapid K
- Tungsten carbide grit disc* Ø 125 mm
rough
medium
fine

37114000
37102000

37103000

37110000

37107000
37106000
37108000

Plaster soft	Plaster hard	Paint	Coatings	Carpet adhesive	Wood
	2	3	3	3	
4	2	3 4	3	3	4
5	2 5	3 5	3 5	3 5	
8	7 8	8	8	8	
		10	10	10	
13	14	14	13		

- 5 PCD-grinding wheel Ø 125 mm
pointed segments
PCD-grinding wheel Ø 125 mm
round segments
- 6 Diamond-grinding wheel Ø 180 mm
concrete
- 7 Diamond-grinding wheel Ø 180 mm
screed
- 8 PCD-grinding wheel Ø 175 mm
round segments
- 9 Diamond-grinding wheel Ø 235 mm
concrete

37115000

37118000

37112000

37111000

37119000

37117000

- 10 PCD grinding shoe set
5 parts with 2 PCD-segments round
and support segment
- 11 Diamond grinding shoe set
5 parts concrete
- 12 Diamond grinding shoe set
5 parts screed
- 13 Claw cutters bent, 16 pieces
- 14 Claw cutters pointed, 16 pieces

37121000

37122000

37123000

37426000

37427000

* only for EBS 125.4 RO


NEW

Long reach sander ELS 225

The service-friendly for large surface performance

USE:

- Effort- and time-saving sanding of walls and ceilings for the dry-wall construction
- Sanding of filling compounds
- Sanding works during renovating and painting works, for example the removing of wallpaper residues
- Sanding of heat insulation panels

FEATURES:

- Soft start, electronic overload protection
- Speed control – optimum adaptation of the speed to the surface
- Interchangeable flexible drive shaft – short design
- Robust joint
- Spring-mounted exhaust hood with brush ring – optimum adaptation to the surface
- Adjustable suction capacity – easy guiding of the sander on the surface
- Extension
- Lightweight, balanced and ergonomic design – easy to use, comfortable sanding, numerous grip positions
- Extraction over the brush ring and perforated sanding disc, direct connection for industrial vacuum cleaner

Ø 225

SPECIFICATIONS

ELS 225

Power input	750 W
Rated voltage	230 V ~
Rated speed	1,050-1,600 rpm
Disc diameter	225 mm
Spindle connection	velcro
Weight	4.9 kg

Order no. 0620L000

Supplied

in a box with transport bag, extension and sandpaper-starter kit (1x P60/80/100/220)



THE FEATURES OF THE LONG REACH SANDER



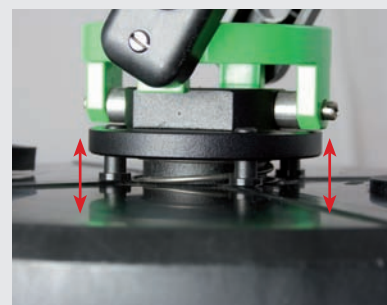
Drive shaft can be changed – easily, quickly and inexpensively by the user without opening the machine



Base plate achieves very smooth surfaces



Robust joint for optimum adaptation to inclination angle



Spring-mounted exhaust hood prevents grooving during preparation, compensates unevenness, efficient dust extraction



Simply mounting of the included extension for high ceilings and walls – no additional tools such as ladder or scaffolding, saving time in the application



Dust-proofed on/off switch and setting wheel for variable speed control





» Dry-wall sander ETS 225



Ø 225

» Insulation board sander EWS 400



Ø 370

saves at least
50% time

The lightweight and handy specialist for drywall construction

USE:

- Sanding operations for the dry-wall construction
- Working on wood and metal surfaces
- Ideal in tight places and small rooms
- Sanding of plaster, filler, paint

FEATURES:

- Electronic switch – stepless speed control
- Large sanding disc, high speed – high removal efficiency
- Motor above sanding disc in a dust free zone – longer lifetime
- Special dust hood with detachable segment – sanding to the edge of the surface
- Dust extraction with brush rim and punched sanding disc – direct connection to vacuum cleaner

The insulation board sander for large surfaces

USE:

- Sanding of foamed polystyrene and mineral insulation panels for heat insulations

FEATURES:

- Electronic switch – stepless speed control
- Triple special gearbox – high torque, powerful, durable
- Dust extraction by hood with brush rim and perforated sanding disc – emission of sanding dust and particles is effectively removed, saves time-consuming cleaning of the construction site
- Dust extraction – direct connection for industrial vacuum cleaner
- Flexible hood – gets close to the surface
- Large tool surface – smoothly and quick working

SPECIFICATIONS	ETS 225
Power input	700 W
Rated voltage	230 V ~
Rated speed	0-1,450 rpm
No-load speed	2,300 rpm
Disc diameter	225 mm
Spindle connection	velcro
Weight	2.9 kg
Order no.	06203000

Supplied in a case with base plate and sandpaper-starter kit (1x P60/80/100/220)

SPECIFICATIONS	EWS 400
Power input	800 W
Rated voltage	230 V ~
Rated speed	0-85 rpm
No-load speed	140 rpm
Disc diameter	370 mm
Spindle connection	push fit fitting/velcro
Weight	3.9 kg
Order no.	0620F000

Supplied in a box with 1x sandpaper P24



Plaster smoothing machine EPG 400



Plaster smoothing machine EPG 400 WP



The light and versatile plaster smoothing machine

USE:

- Smoothing, scraping and structuring of plaster
- Sanding of panels for heat insulations
- Smoothing and cleaning of surfaces

FEATURES:

- Electronic switch – stepless speed control
- Triple special gearbox – high torque, powerful, durable
- Large tool surface – smooth and quick working
- Low weight – for effortless work
- Large handles – balanced, ergonomic design, convenient working

Plaster smoothing machine with water supply

USE:

- Smoothing, scraping and structuring of plaster
- Sanding of panels for heat insulations
- Smoothing and cleaning of surfaces

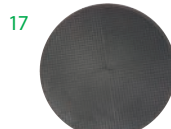
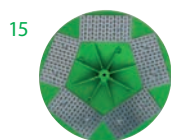
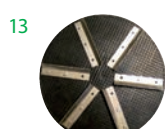
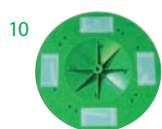
FEATURES:

- Electronic switch – stepless speed control
- Triple special gearbox – high torque, powerful, durable
- Stepless adjustable water supply – direct moistening of the wall by means of an atomised spray, saves adding water separately, thus time saving
- Large tool surface – smooth and quick working
- Low weight – for effortless work
- Large handles – balanced, ergonomic design, convenient working

SPECIFICATIONS	EPG 400
Power input	500 W
Rated voltage	230 V ~
Rated speed	0-60 rpm
No-load speed	110 rpm
Diameter base plate	370 mm
Spindle connection	push fit fitting/velcro
Weight	3.5 kg
Order no.	06509000
Supplied	in a case with base plate and sponge disc

SPECIFICATIONS	EPG 400 WP
Power input	500 W
Rated voltage	230 V ~
Rated speed	0-60 rpm
No-load speed	110 rpm
Diameter base plate	370 mm
Spindle connection	push fit fitting/velcro
Weight	3.8 kg
Order no.	0650L000
Supplied	in a case with base plate and sponge disc



A
**Sanding/Smoothing/Scratching
ACCESSORIES**

FOR DRY-WALL SANDER AND LONG REACH SANDER

1	Brush rim (2 parts) ETS 225	37624000
2	Brush rim ELS 225	3722B000
3	Segment for dust guard ETS 225, with brush	37625000
4	Base plate (velcro), 6 hole punch	37631000
5	Rubber foam pad (velcro), 6 hole punch	37632000
6	Sanding grid (velcro), 6 hole punch	
	P80 (10 pieces)	37610000
	P120 (10 pieces)	37611000
7	Sandpaper (velcro), 6 hole punch	
	P24 Semi-friable Corundum (10 pieces)	37608000
	P40 Normal Corundum (25 pieces)	37642000
	P60 Normal Corundum (25 pieces)	37643000
	P80 Normal Corundum (25 pieces)	37644000
	P100 Normal Corundum (25 pieces)	37645000
	P120 Normal Corundum (25 pieces)	37646000
	P150 Normal Corundum (25 pieces)	37647000
	P180 Normal Corundum (25 pieces)	37648000
	P220 Normal Corundum (25 pieces)	37649000
8	Sandpaper Assortment (velcro), 6 hole punch P80/100/120/150/180 Normal Corundum (5 pieces each)	37640000

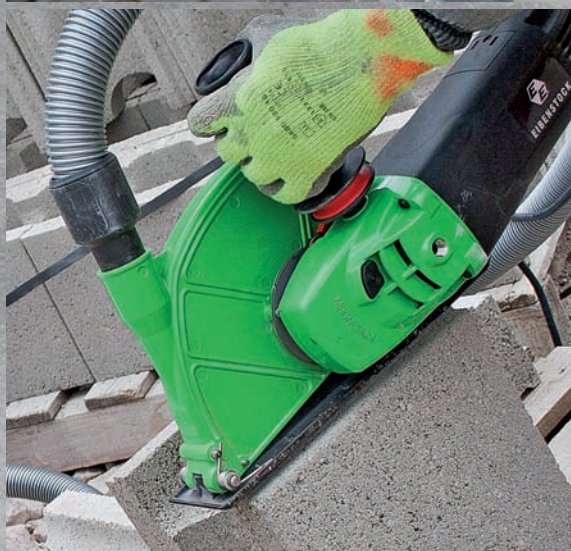
FOR INSULATION BOARD SANDER

9	Sandpaper (velcro), 4 hole punch P24 (3 pieces)	37671000
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FOR PLASTER SMOOTHING MACHINES

10	Base plate Ø 370 mm	37721000
11	Sponge disc Ø 400 mm	37722000
12	Sponge rubber disc Ø 380 mm	37725000
13	Scraping disc Ø 385 mm	37726000
14	Sanding disc P24, Ø 370 mm	37727000
15	Scratching disc Ø 370 mm	37724000
16	Add on kit for scratching disc (set of 5 scratching metal sheets + 10 screws)	37723000
17	Smoothing disc Ø 385 mm	37728000

SAWING CUTTING SLITTING



Model		Catalogue page	Disc diameter	Spindle connection	Power input	Rated speed
Diamond saw EDS 125 T		91	125 mm	22.2 mm	1,250 W	* 12,500 rpm
Diamond saw EDS 125		91	125 mm	22.2 mm	1,250 W	* 12,500 rpm
Cutting tables ETT 700 ETT 1200		93				
Diamond saw EDS 181		94	180 mm	22.2 mm	2,300 W	4,300 rpm
Stone cutting saw EST 350.1		96	350 mm	25.4 mm	2,400 W	* 3,900 rpm
Cutting & grinding system ETR 230		97	230 mm	22.2 mm	2,600 W	* 6,500 rpm
Double blade sword saw EDB 480		98	Blade length 480 mm	Special	1,800 W	Stroke rate 2,200
Wall chaser EMF 125		100	125 mm	22.2 mm	1,400 W	10,000 rpm
Wall chaser EMF 150		101	150 mm	22.2 mm	2,300 W	4,300 rpm
Wall chaser EMF 180		101	180 mm	22.2 mm	2,300 W	2,200 rpm
Angle grinder EZW 125		102	125 mm	22.2 mm	1,400 W	10,000 rpm
Angle grinder EZW 230		102	230 mm	22.2 mm	2,600 W	* 6,500 rpm

* No-load speed

Diamond saws EDS 125 T and EDS 125

The handy diamond saws

USE:

- Dry cutting (EDS 125 T) or wet and dry cutting (EDS 125) of different stones, e.g. natural stone, stoneware
- Cutting of tiles and plates
- Joint milling
- Curved cuts (with corresponding diamond blades)
- Tilers and pavers

FEATURES:

- Mitre adjustment (stepless up to 45°) and cutting depth adjustment (stepless up to 36 mm) without the need for tools
- Immersion function
- Roller guided plate – smooth guiding, protects the surface
- Integrated water supply with flow regulator (EDS 125) – easy adjustment of the water-volume and dust free working while wet cutting
- Nozzle diameter Ø 35 mm – direct connection to industrial vacuum cleaner DSS 25/50/35
- Guide rail – optional accessory for precise cuts



EDS 125 T



EDS 125

Ø 125

SPECIFICATIONS	EDS 125 T	EDS 125
Power input	1,250 W	1,250 W
Rated voltage	230 V ~	230 V ~
No-load speed	12,500 rpm	12,500 rpm
Max. disc diameter	125 mm	125 mm
Max. cutting depth	36 mm	36 mm
Spindle connection	22.2 mm	22.2 mm
Weight	2.8 kg	2.9 kg
Order no.	0660W000	0660V000

0660W000 - supplied in a box with diamond cutting disc Ø 125 mm and assembly tools

0660V000 - supplied in a case with diamond cutting disc Ø 125 mm and assembly tools



FEATURES OF THE DIAMOND SAWS EDS 125 T AND EDS 125



Mitre adjustment without the need for tools
– from 0-45°



Continuous cutting depth adjustment
without the need for tools – until 36 mm

Immersion function



Roller guided plate – smooth-running,
protects the surface

Guide rail – optional accessory for
precise cuts



Nozzle diameter Ø 35 mm – direct
connection to industrial vacuum cleaner
DSS 25/50/35

Only with the EDS 125:
Integrated water supply with flow regulator
– easy adjustment of the water-volume and
dust free working while wet cutting



Cutting tables ETT 700 and ETT 1200

The flexible alternative to unwieldy cutting machines

USE:

- Dry cutting (EDS 125 T) or wet and dry cutting (EDS 125) of different stones, e.g. natural stone, stoneware
- Precisely cutting of tiles up to a thickness of 20 mm
- Tilers and pavers

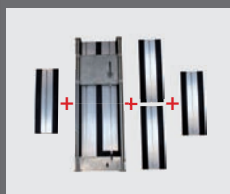


ADVANTAGES PRIMARILY IN DRY CUTTING: TIME AND COST SAVINGS

- use directly at the site
- drying time of the tile is eliminated – can be laid directly
- dirty water doesn't have to be recycled

FEATURES:

- Aluminium/stainless steel-combination – rust-proof
- Low weight, handy – easy to transport by one person
- Fast, fixing of the saw without any tool in the precisely bearing carriage
- Non-slip covering – fixing of the tile during the cut, reduces vibrations
- Adjustable side stop for serial cutting
- Adjustable angular stop mitre cuts up to 45°
- Plate enlargement – solid, unbreakable support for particularly large plates, on both sides in all positions mountable and arbitrarily expandable (accessories)

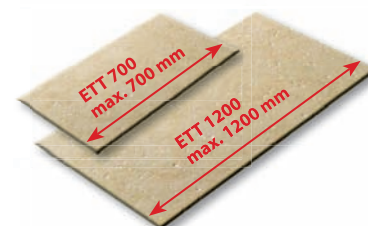


fixing of the saw without
any tool



easy to transport

SPECIFICATIONS	ETT 700	ETT 1200
Max. cutting length	700 mm	1200 mm
Weight	14.5 kg	18.0 kg
Order no.	09801000	09802000





Ø 200



SPECIFICATIONS

EDS 181

Power input	2,300 W
Rated voltage	230 V ~
Rated speed	4,300 rpm
No-load speed	7,500 rpm
Max. disc diameter	200 mm
Max. cutting depth	63 mm*
Spindle connection	22.2 mm
Weight	7.7 kg
Order no.	0660P000

Supplied in a case with angle stop, diamond cutting disc Ø 180 mm and assembly tools

Diamond saw EDS 181

The most powerful in its class

USE:

- Wet and dry cutting of different stones, e.g. granite, marble, concrete, terrazzo, stoneware
- Cutting of tiles, window sills, terrace slabs, worktops, facing stones, stones used in gardening and landscaping
- For cutting out openings in kitchen worktops
- Joint milling
- Tilers and pavers, gardening and landscaping, kitchen installer, stonemasonry, floor renovator

FEATURES:

- Electronic – soft start, temperature and over current cut-off, optical overload indication
- High-performance gearbox and powerful 2300 W motor – fast working even through the hardest stone
- ON/OFF switch with lock – no unintentional switching on
- Mitre adjustment (stepless up to 45°) and cutting depth adjustment (stepless up to 63 mm) without the need for any tools
- Immersion function and depth limiting – precise cuts, you can begin the cut with the machine in the working area
- Roller guided plate – smooth guiding, protects the surface
- Easy change between dry and wet cutting – by means of a direct diameter 35 mm connection to the vacuum cleaner or the enclosed Gardena-quick coupling adapter on the 35 mm connection hose
- Locking for suction hose – avoids unintentional loosening of the hose during cutting
- Spindle lock – easy tool change
- Guide rails – optional accessory for precise cuts

*without guide rail with diamond cutting disc Ø 200 mm



FEATURES OF THE DIAMOND SAW EDS 181



Mitre adjustment without the need for any tools – from 0-45°



Continuous cutting depth adjustment without the need for any tools – until 63 mm



Immersion function and depth limiting

Roller guided plate – smooth-running, protects the surface

Guide rail – optional accessory for precise cuts



Direct connection to industrial vacuum cleaner DSS 25/50/35 or to the enclosed Gardena-quick coupling adapter on the Ø 35 mm connection hose





Ø 350

SPECIFICATIONS

EST 350.1

Power input	2,400 W
Rated voltage	230 V ~
No-load speed	3,900 rpm
Max. disc diameter	350 mm
Max. cutting depth	120 mm
Max. cutting length	250 mm
Spindle connection	25.4 mm
Weight	19 kg

Order no. 06633000

Supplied in a box with diamond cutting disc Ø 350 mm and assembly tools

Stone cutting saw EST 350.1

The precise and dust free machine for dry cutting

USE:

- Cutting of stone materials, e.g. concrete, natural stone, bricks
- Ideal for precise cuts on pavements work
- Gardening and landscaping, road and pavement construction, for clinker-cutting etc.

FEATURES:

- Handy and flexible machine
- Tool-less adjustable quick clamping device – safe fixing to the work area
- Spindle lock – easy changing of the saw blade
- Transportation lock in hinged position – handy and safe transport of the machine
- Angular stop stepless adjustable 0-45° – easy and precise mitre cuts
- Starting current limiter
- Nozzle diameter Ø 35 mm – direct connection to industrial vacuum cleaner DSS 25/50/35

Cutting table (cutting capacity at 90° cuts)

Cutting depth: 80 mm 100 mm 120 mm

Cutting length: 250 mm 210 mm 150 mm



adjustable angle stop



quick clamping device



Cutting and grinding system ETR 230

The flexible system for dust free cutting

USE:

- Cutting of mineral plates, roof tiles, concrete curbs and natural stone plates
- Breakthroughs into brickwork
- Slit of expansion joints
- Working on concrete stones
- Cutting of metal
- Gardening and landscaping, civil construction, roofers

FEATURES:

- Powerful but light machine
- Electronics – soft start
- Immersion function – adjustable cutting depth without the need for any tools
- Guard for cutting metal included with machine
- Vibration damped handle – mountable in different positions
- Lock-on button with protection against unintentional switching on
- Cut-off carbon brushes – protect the motor
- Nozzle diameter Ø 35 mm – direct connection to industrial vacuum cleaner DSS 25/50/35



adjustable cutting depth



exhaust



Ø 230

SPECIFICATIONS	ETR 230
Power input	2,600 W
Rated voltage	230 V ~
No-load speed	6,500 rpm
Max. disc diameter	230 mm
Max. cutting depth	65 mm
Spindle connection	22.2 mm
Weight	7.5 kg
Order no.	06812000
Supplied	in a case with dust guard, protection guard, diamond cutting disc Ø 230 mm and assembly tools



Double blade sword saw EDB 480

The powerful all-rounder for various building materials

USE:

- Cutting of vertical coring brick (f.e. Poroton®), aerated concrete, plastic, wood and pressure-resistant insulation material
- Flexible, fast and hence cost saving cutting of vertical coring brick compared to heavy transportable brick saws
- Easy realization of notches as well as exact cuttings
- Construction and civil engineering, drywall, carpentry

FEATURES:

- Robust design with durable, powerful 1800 W motor for hardest applications – high cutting speed, diagonal cuts in vertical coring brick possible w/o problems
- Robust warp resistant sword for precise cutting
- Two counter-saw blades – blow-back proof sawing
- Blower function - dust protection for gearbox and user
- Ergonomic handle - mountable on two sides
- Compact and slim design – easy to handle, working close to edges
- Easy change of saw blades

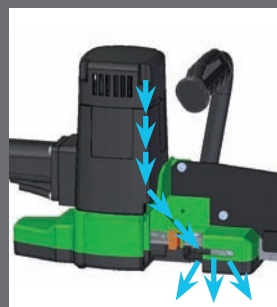
Special adjusted machine concept for cuttings into Poroton® up to strength class 12 with premium saw blades – long durability and high cutting speed!

480

SPECIFICATIONS

EDB 480

Power input	1,800 W
Rated voltage	230 V ~
Stroke rate	2,200
Blade length	480 mm
Spindle connection	Special
Weight	6.1 kg
Order no.	06643000
Supplied	in a box with blade set universal Premium, blade protection and assembly tool



Blower function



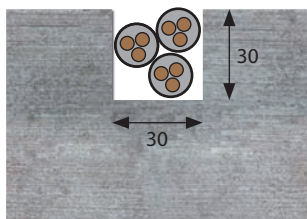
Handle mountable on both sides





Wall chaser EMF 125

The lightweight
in its
power class



slitting of cable channels

Ø 125

SPECIFICATIONS

EMF 125

Power input	1,400 W
Rated voltage	230 V ~
Rated speed	10,000 rpm
Disc diameter	125 mm
Spindle connection	22.2 mm
Max. milling depth	30 mm
Max. slot width	30 mm
Weight	3.5 kg
Order no.	06701000
Supplied	in a case with 2 diamond blades, tool kit

Handy and lightweight – perfect for electrical installations

USE:

- Milling of slots and ducts in sand-lime brick and brickwork
- Electrical installations

FEATURES:

- Electronic – soft start, temperature control, constant speed
- Locking for suction hose – avoids unintentional loosening of the hose during milling
- Adjustable milling depth – without the need for a tool
- Spindle lock – easy blade change
- Slim design, small distance between dust hood and diamond blades for working up to 10 mm from the edge
- Slot width adjustable in 1 mm increments
- Closed hood – optimal air flow, easy removal of fragments
- Machine works in cutting direction – allows a comfortable handling
- Nozzle diameter Ø 35 mm – direct connection to industrial vacuum cleaner DSS 25/50/35



Tube lock



Milling depth adjustment



Wall chaser EMF 150 and EMF 180

The powerful wall chasers

USE:

- Milling of slots and ducts in concrete, sand-lime brick, brickwork
- Electrical installations, sanitary, heating and ventilation construction

FEATURES:

- Powerful 2,300 W motor
- Electronic – soft start, temperature and over current cut-off, optical overload indication
- Parallel handle position – comfortable working position
- Locking for suction hose – avoids unintentional loosening of the hose during milling
- Adjustable milling depth – without the need for a tool
- Spindle lock – easy blade change
- Slim design, small distance between dust hood and diamond blades for working up to 15 mm from the edge
- Slot width adjustable in 1 mm increments
- Closed hood – optimal air flow, easy removal of fragments
- Machine works in cutting direction – allows a comfortable handling
- Nozzle diameter Ø 35 mm – direct connection to industrial vacuum cleaner DSS 25/50/35

Comparison: preparing an open channel of 46 mm width

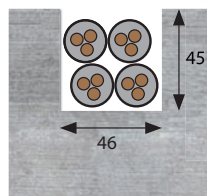


EIBENSTOCK „Easy Break Out“ fast breaking by a center slot

Distance disks for the using of
3 blades (accessory)



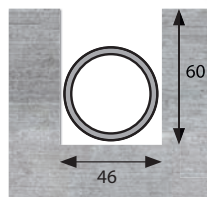
Ø 150



slitting of cable channels



Ø 180



slitting of channels

SPECIFICATIONS	EMF 150	EMF 180
Power input	2,300 W	2,300 W
Rated voltage	230 V ~	230 V ~
Rated speed	4,300 rpm	2,200 rpm
No-load speed	7,500 rpm	3,100 rpm
Disc diameter	150 mm	180 mm
Spindle connection	22.2 mm	22.2 mm
Max. milling depth	45 mm	60 mm
Max. slot width	46 mm	46 mm
Weight	5.8 kg	7.5 kg
Order no.	06712000	06721000

Supplied

in a case with 2 diamond
blades premium (concrete),
tool kit





Angle grinders EZW 125 and EZW 230



Ø 125

Ø 230

The lightweight and the powerful for the construction and industrial sector

USE:

- Cutting, roughing, sanding and brushing metal
- Construction and industrial sector

FEATURES:

- EZW 125: Electronic – soft start, temperature control, constant speed, overload protection
- EZW 230: Electronic – soft start
- 360° adjustable guard without the need for tools
- Spindle lock – easy blade change
- Vibration damped handle – mountable in different positions
- Lock-on button with protection against unintentional switching on
- EZW 230: locking for stationary working

SPECIFICATIONS	EZW 125	EZW 230
Power input	1,400 W	2,600 W
Rated voltage	230 V ~	230 V ~
Rated speed	10,000 rpm	
No-load speed		6,500 rpm
Max. disc diameter	125 mm	230 mm
Spindle connection	22.2 mm	22.2 mm
Weight	2.3 kg	6.4 kg
Order no.	06814000	06811000
Supplied	in a box with assembly tools	in a case with assembly tools



Sawing/Cutting/Slitting ACCESSORIES

FOR DIAMOND SAWS

	1	Guide rail (with 2 screw clamps) 750 mm	37461000
		1500 mm	37462000
	2	Assembly rail for guide rail (with 4 grub screws)	37463000
	3	2 suction holder for guide rail	37464000
		Diamond cutting disc for concrete and hard natural stone	
	4	Ø 180 mm	37443000
	5	Ø 200 mm	37444000
	6	Diamond cutting disc Ø 125 mm	3744B000
	7	Diamond milling disc Ø 125 mm, milling width 6 mm	3744C000
	8	Diamond disc for curved cut Ø 115 mm	3744A000
	9	Plate enlargement 167 x 485 mm, for ETT 700/1200	09803000
	10	Water tank 5 l plastic	35811000
	11	Water tank 10 l metal	35812000

FOR STONE CUTTING SAW

	12	Diamond cutting disk Ø 350 mm	37471000
	13	Folding table with board B 400 x L 600 x H 850 mm	37473000

FOR CUTTING AND GRINDING SYSTEM

	14	Diamond cutting disk Ø 230 mm	37448000
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FOR WALL CHASERS

	15	Diamond blade Premium Ø 125 mm	3744D000
	16	Diamond blade Standard Ø 150 mm	37440000
	17	Diamond blade Premium Ø 150 mm	37441000
	18	Diamond blade Premium Ø 180 mm	37443000
	19	Distance disks for EMF 150/180 for the using of 3 blades	3744E000
		for the using of 4 blades	37445000

FOR DOUBLE BLADE SWORD SAW

	20	Blade set Universal Premium, 2 parts	37452000
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POLISHING CALENDERING



Model	Catalogue page	Max. disc diameter	Spindle connection	Power input	Rated speed
 ESM 1310	106	120 mm	Ø 19 mm	1,300 W	1,300-3,050 rpm
 EPO 1401	106	125 mm	M 14 male	1,400 W	800-3,100 rpm
 WPO 180	107	180 mm	M 14 male	1,200 W	1,500-2,800 rpm
 WPN 180	107	180 mm	M 14 male	1,200 W	1,500-2,800 rpm



Soft bow handle*

less vibration

Spindle lock*

easy tool change

Motor

powerful

Compact handle

comfortable use

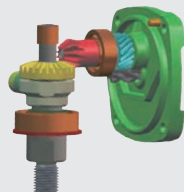
Slim housing design

compact,
well balanced design



Large on/off switch

with lock-on button



• **Double transmission reduction (ESM 1310)**

- higher torque at the shaft
- high performance at lower speeds
- minimum motor load, long lifetime

* not on all models

FEATURES OF POLISHER/CALENDER

The EIBENSTOCK range of polishers and calender machines are especially good for the smoothing and polishing in the wood and motor industries. The machines are easy to use, powerful and long lasting.



Calender ESM 1310



Ø 120

Dry-polisher EPO 1401



Ø 125

The handy, high torque machine

USE:

- Sanding, deburring, smoothing, brushing, structuring, matting, calendering and polishing
- From rough sanding to fine sanding to high gloss
- Wood, metal, plastic

FEATURES:

- Electronic – soft start, stepless speed regulation and constant speed, temperature and over current cut-off
- Motor can take high loads – durable, maximum power for the whole speed range
- Double transmission reduction – maximum torque, low motor load, long lifetime
- Dust protected gearing bearings by labyrinth-guide – low wearing

The compact dry polisher

USE:

- Removal of rust, polishing and sanding of different surfaces, edges and curves
- Wood, metal and some stones

FEATURES:

- Electronic – soft start, stepless speed regulation, speed reduction at overload, temperature cut-off
- Dust protected gearing bearings – low wearing
- Spindle lock – easy tool change
- Soft bow handle – less vibration

SPECIFICATIONS	ESM 1310
Power input	1,300 W
Rated voltage	230 V ~
Rated speed	1,300-3,050 rpm
Protection level	IP 20
Max. tool Ø	120 mm
connection shaft	100 mm
Spindle connection	Ø 19 mm
Weight	2.8 kg
Order no.	0541F000
Supplied	in a box without accessories

SPECIFICATIONS	EPO 1401
Power input	1,400 W
Rated voltage	230 V ~
Rated speed	800-3,100 rpm
Protection level	IP 20
Max. disc diameter	125 mm
Spindle connection	M 14 male
Weight	2.3 kg
Order no.	055A1000
Supplied	in a box with soft bow handle, without accessories



Expected to be available spring 2014



Dry-angle polisher WPO 180



Wet-angle polisher WPN 180



Dry angled polisher with the proved 60° gearbox

USE:

- Removal of rust, polishing and sanding of different surfaces, edges and curves
- Cleaning panels
- Wood, metal and some stones

FEATURES:

- Electronic – soft start, stepless speed change, temperature and over current cut-off
- 60° gearbox – better view on the surface you want to work on, easy to get to hard to reach areas and tight angles
- Dust protected gearing bearings by labyrinth-guide – low wearing

USE:

- Wet polishing and sanding of different surfaces, edges and curves
- Removal of scratches
- Different kinds of stone

FEATURES:

- Electronic – soft start, stepless speed change, temperature and over current cut-off
- 60° gearbox – better view on the surface you want to work on, easy to get to hard to reach areas and tight angles
- Dust protected gearing bearings by labyrinth-guide – low wearing
- External water supply below the motor
- PRCD protection switch - FI protection integrated in the cable

SPECIFICATIONS	WPO 180
Power input	1,200 W
Rated voltage	230 V ~
No-load speed	1,500-2,800 rpm
Max. disc diameter	180 mm
Spindle connection	M 14 male
Weight	3.8 kg
Order no.	05613000
Supplied	in a box with support handle, without accessories

SPECIFICATIONS	WPN 180
Power input	1,200 W
Rated voltage	230 V ~
No-load speed	1,500-2,800 rpm
Max. disc diameter	180 mm
Spindle connection	M 14 male
Weight	4.4 kg
Order no.	05710000
Supplied	in a box with support handle, without accessories





Polishing/Calendering ACCESSORIES

FOR CALENDER			
	1	Starter kit finishing wheels 1x sanding flap wheel (rough), 1x polishing fleece wheel (rough), 1x polishing fleece wheel (fine), 1x flap-fleece combi wheel (medium)	37520000
	2	Sanding flap wheel, 4 pieces - fine grinding, removal and cleaning of welds Ø 100 x B 100 mm - rough (P60) Ø 100 x B 100 mm - medium (P80) Ø 100 x B 100 mm - fine (P120)	37521000 37522000 37523000
	3	Polishing fleece wheel, 4 pieces - removal of oxide films, refinish Ø 100 x B 100 mm - rough Ø 100 x B 100 mm - medium Ø 100 x B 100 mm - fine	37525000 37526000 37527000
	4	Flap-fleece combi wheel, 4 pieces - deburring and cleaning, refinish Ø 100 x B 100 mm - rough (P60) Ø 100 x B 100 mm - medium (P100) Ø 100 x B 100 mm - fine (P150)	37531000 37532000 37533000
	5	Nylon fleece wheel - removal of oxide films, lacquers Ø 100 x B 100 mm	37535000
	6	Rubber air roller for sanding sleeves Ø 100 x B 100 mm	37512000
	7	Sanding sleeve, 10 pieces - removal of oxide films, deburring and cleaning Ø 100 x B 100 mm - rough (P60) Ø 100 x B 100 mm - medium (P80) Ø 100 x B 100 mm - fine (P150)	37513000 37514000 37515000
	8	Exhaust hood	37501000
	9	Case for machine and accessories	37330000
FOR POLISHER			
	10	Driving disc, M 14	37206000
	11	Driving nut, M 14	37207000
	12	Sanding disc plastic, M 14 Ø 100 mm Ø 115 mm Ø 125 mm Ø 150 mm Ø 178 mm	37300000 37301000 37302000 37303000 37304000
	13	Sanding disc plastic, M 14 (with intermediate layer and hole for wet sanding) Ø 178 mm (not pictured)	37305000
	14	Polishing sponges for sanding disc Ø 180 mm - fine, honey combed Ø 180 mm - rough, smooth	37328000 37329000
	15	Wool polishing bonnet for sanding disc (without intermediate layer) Ø 125 mm Ø 178 mm	37325000 37327000
	16	Fleece disc for sanding disc (synthetic resin-bonded fleece on backing pad) Ø 115 mm Ø 125 mm Ø 180 mm	37311000 37315000 37313000

VACUUMING



Model	Catalogue page	Tank volume	Dust volume	Power input
DSS 25 A 	112	25 l	20 l	max. 1,400 W
DSS 50 A 	112	50 l	45 l	max. 1,400 W
DSS 35 M iP 	113	35 l	25 l	max. 1,600 W
SS 1400 	114	25 l	-	max. 1,400 W



Large storage tray*

for accessories or machines

2 polyester filter cassettes*

high efficiency,
durable,
easy to clean

Water recognition*

with sensor disconnection

Hose connection*

with bayonet
and twist balancing

Rollers and wheels

easy to transport,
brake



** not on all models*

- **Pulse filter cleaning***
electromagnetic, automatic or manual
- **Electronics**
Soft start, deferred rundown switching
- **High-performance motor**
with special carbon-brushes for long lifetime
- **Suction hose***
Hose ends are interchangeable – easy hose extension, dust free transport
- **Power socket**
with automatic switch-on for attached machines
- **Plastic box**
impact-resistant, double-walled, smooth walls for easy cleaning
- **Supplied**
with accessories for cleaning the bottom

FEATURES OF INDUSTRIAL VACUUM CLEANER

Our entire vacuum cleaner range has powerful suction, even with continuous use. They are designed for use with all our dust free machines. They are especially suitable for sucking up large amounts of dust, drilling waste, fine mortar and plaster dust.



25 l

50 l

SPECIFICATIONS	DSS 25 A	DSS 50 A
Power input	max. 1,400 W	max. 1,400 W
Rated voltage	230 V ~	230 V ~
Tank volume (max.)	25 l	50 l
Dust volume (net)	20 l Dust	45 l Dust
Max. air flow	61 l/s	61 l/s
Max. vacuum	248 mbar	248 mbar
Dimensions L × B × H (mm)	457 × 400 × 535	580 × 470 × 640
Weight	12.7 kg	17.7 kg
Order no.	09915000	09916000

Supplied: 5 m hose (Ø 35 mm), universal-adaptor, nozzle for floor and crevices, handle tube with air switch, 2 suction tubes (plastic), velcro strip, holder for accessories

Industrial vacuum cleaner DSS 25 A and DSS 50 A

The compact wet and dry cleaners

USE:

- Vacuuming of dust (dry) and sludges (wet)
- Cleaning of construction sites and cars

FEATURES:

- Automatic filter cleaning (electromagnetic pulse)
 - cleaning of the filter, working without, complete dedusting of the cartridges
- Electronically controlled soft start with deferred run-down switching
- Power socket with automatic switch-on for for attached machines
- Flow rate indicator – optical monitoring of the suction performance
- Consistently high flow rate – increases filter life, reduction of time and costs
- Water recognition with sensor disconnection
- Two polyester filter cassettes – high efficiency, durable, easy to clean
- Filter surface 8,600 cm² – high constant suction performance
- Compact design – smaller height, same volume
- Special-plastic tank – low centre of gravity, easy cleaning of walls
- Storage tray for accessories or machines
- Hose connection with bayonet and twist balancing
- Hose ends interchangeable – easy hose extension, dust-free transport



Industrial vacuum cleaner DSS 35 M iP



The „M“-cleaners for harmful dust with permanent pulse filter cleaning

USE:

- Vacuuming of dust (dry) and sludges (wet)

FEATURES:

- Automatic electromagnetic pulse filter cleaning with "Permanent Clean" - cleans the filters permanently during the vacuuming process - without interruption of the intake flow!
- Pressure difference controlled
- 300 g force filter cleaning - also perfect working with plaster
- Constantly high air flow also during filter cleaning
- Electronically controlled soft start with deferred run-down switching
- Power socket with automatic switch-on for for attached machines
- Flow rate indicator – optical and acoustic monitoring of the suction performance
- Volume flow control adjustable to different hose diameters
- Diffuser – avoids stirring up of exhaust air
- Water recognition with sensor disconnection
- Two polyester filter cassettes – high efficiency, durable, easy to clean
- Filter surface 8,600 cm² – high constant suction performance
- Special-plastic tank– low centre of gravity, easy cleaning of walls
- Special plastic bag for clean disposal
- Storage tray for accessories or machines
- Carrying handle with retractable cable hook and hose take-up
- Hose connection with bayonet and twist balancing
- Hose ends interchangeable – easy hose extension, dust-free transport
- flush, stabel fasteners



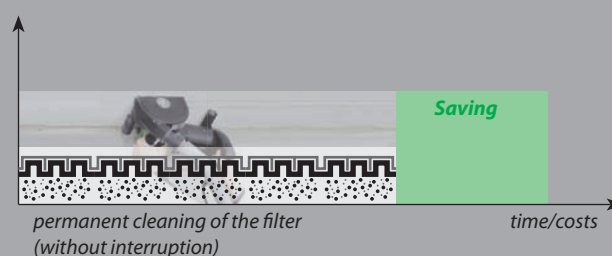
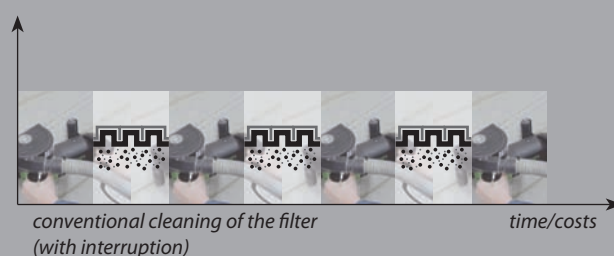
**Dust retention capacity
min. 99,99 % according to
BGIA dust class M**

35 l

SPECIFICATIONS	DSS 35 M iP
Power input	max. 1,600 W
Rated voltage	230 V ~
Tank volume (max.)	35 l
Dust volume (net)	25 l
Max. air flow	64 l/s
Max. vacuum	259 mbar
Dimensions L x B x H	550 x 400 x 550 mm
Weight	15.0 kg
Order no.	09919000

Supplied: 5 m hose (Ø 35 mm), universal-adaptor, coarse dirt floor nozzle, crevices nozzle, handle tube with air switch, 2 suction tubes (plastic), holder for accessories, disposal bag

Comparison: slitting of channels of the same length



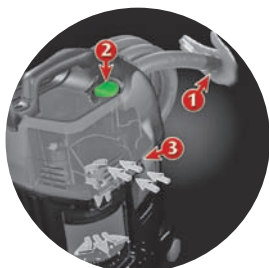


PUSH&CLEAN:

Hold the hose or inlet fitting (1) and pressing the filter cleaning button (2).

Cleaning of the filter by strong air stream (3).

Continue working at full capacity.



25 l

SPECIFICATIONS

SS 1400

Power input	max. 1,400 W
Rated voltage	230 V ~
Tank volume (max.)	25 l
Max. air flow	60 l/s
Max. vacuum	190 mbar
Filter surface	3,000 cm ²
Dimensions L x B x H	545 x 380 x 375 mm
Weight	5.7 kg
Order no.	09909000

Supplied: suction hose 3.5 m, Ø 32 mm, 2 suction tubes (aluminium), handle tube with air switch, floor nozzle, crevice nozzle, universal nozzle, round brush, upholstery nozzle, fleece filter bag, disposal bag

Industrial vacuum cleaner SS 1400

The compact and lightweight construction cleaner

USE:

- Vacuuming of dust (dry) and sludges (wet)
- Cleaning workshops, construction sites, warehouses, offices, cars, etc.

FEATURES:

- Push&Clean filter cleaning system
- Large filter surface – good filter effect
- High efficiency by 190 mbar vacuum
- Power socket with automatic switch-on for attached machines
- Float valve - level monitoring when vacuuming liquids
- Door threshold slider
- Comfortable handle with cable hook
- Accessories depot for suction nozzles and suction tubes





Vacuuming ACCESSORIES

			SS 1200	SS 1400	DSS 25	DSS 50	DSS 35	
	1	Accessory-kit stainless steel Handle tube with air switch, 2 stainless steel suction tubes, padding and crevice nozzle, nozzle body with water insert, floor nozzle	x	-	x	x	x	35315000
	2	Fleece filter bag (5 pieces)	-	x	-	-	-	35323000
			x	-	x	-	x	35321000
			-	-	-	x	-	35326000
	3	Disposal bag (5 pieces)	-	-	x	x	(x)	35320000
			-	(x)	-	-	-	35324000
	4	Filter cassettes polyester (2 pieces)	-	-	(x)	(x)	(x)	35301000
	5	Folded filter	(x)	-	-	-	-	35306000
			-	(x)	-	-	-	35322000
	6	Nozzle body with water insert	x	x	x	x	x	35314000
	7	Suction tubes plastic (2 pieces)	(x)	-	(x)	(x)	(x)	35207000
	8	Handle tube with air switch	(x)	-	(x)	(x)	(x)	35308000
	9	Water nozzle	x	x	x	x	x	35311000
	10	Rubber nozzle, cone-shaped	(x)	x	x	x	x	35205000
	11	Floor nozzle	(x)	x	x	x	x	35304000
	12	Coarse dirt floor nozzle	-	-	x	x	(x)	35327000
	13	Crevice nozzle	(x)	(x)	(x)	(x)	(x)	35203000
	14	Rubber sleeve, stepped	x	x	(x)	(x)	(x)	35316000
	15	Hose connection (bayonet), vacuum cleaner sided	x	-	x	x	x	35313000
	16	Hose connection, machine sided	x	-	x	x	x	35313500
	17	Suction hose Ø 35 mm 5.00 m	x	-	(x)	(x)	(x)	35302000
		3.20 m	(x)	-	x	x	x	35307000
	18	Antistatic hose Ø 35 mm 5.00 m	-	-	x	x	x	35319000

(x) included in delivery

