EIBENSTOCK



CATALOG

Professional power tools
Made in Germany







TODAY

Continous company expansion of buildings and equipment. More than 250 employees manufacture diamond core drilling technology, mixing technology and numerous machines for renovation / refurbishment.

2019

Company expansion
Opening of the new Training & Development Center and two new warehouses.

100 YEARS 1919 2019

1993

Privatisation as „Elektrowerkzeuge GmbH Eibenstock".

EIBENSTOCK

1990

First EIBENSTOCK stirrer.





1985

Lothar Lässig has been appointed as the new director.

1972

Nationalisation - Conversion to a state-owned company „VEB Elektrowerkzeugbau Eibenstock".

1960

Development of the SBB/13 – the first impact drill of the GDR.



1952

Development of the Polisher P10 with the world novelty of a 60° gearbox .



1944

Destruction of the company building during World War II.
The company moved to the mountain city Eibenstock.



1940

Horst Ditter, since 1940 co-owner and later director of „Hönnecke & Ditter KG / Eibenstock".





1919

The Company was foundet by Martin Hönnecke in Leipzig with specialisation in the power-tools branch.

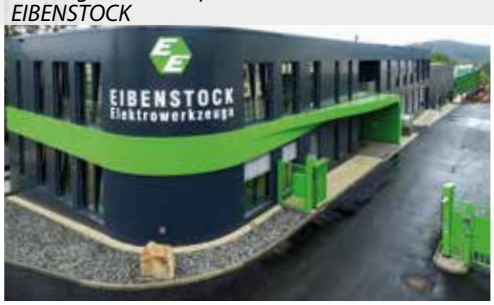


Headquarters EIBENSTOCK

Division II
Aluminium foundry
Steel parts production



Training and development center EIBENSTOCK



Division III
Motor production



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 80 % of all components are produced in the own facilities.

The employees proudly say, that the brand name EIBENSTOCK enjoys a good reputation amongst both industrial and building trade customers. 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. There are continuously developed innovative products, leading in special product ranges, are being continuosly developed and exported to more than 80 countries worldwide.

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.

Convince yourself of our reliable products and our expertise.

POWER TOOLS FROM EIBENSTOCK
More than 100 years quality products used in industry and craft trade

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Phone: +49 37752 503-0
E-Mail: office@eibenstock.com
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 available 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.

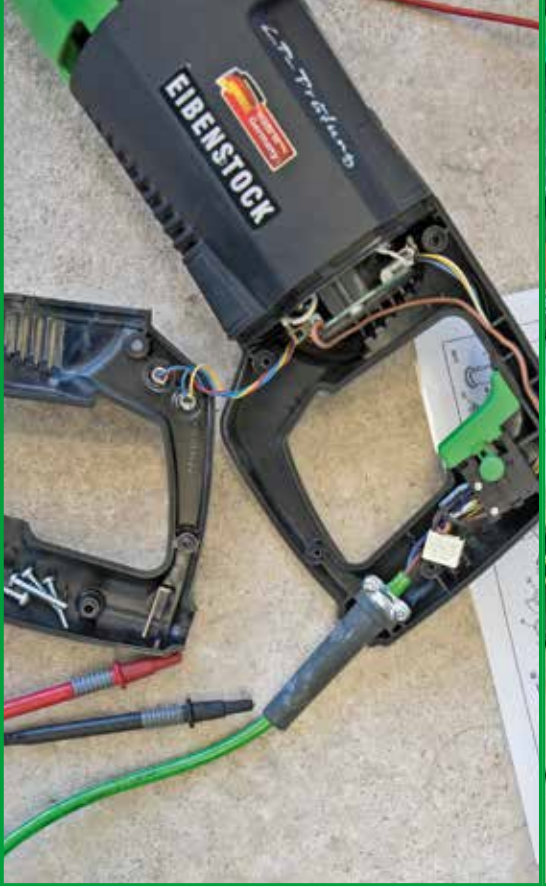
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E-mail: office@eibenstock.com

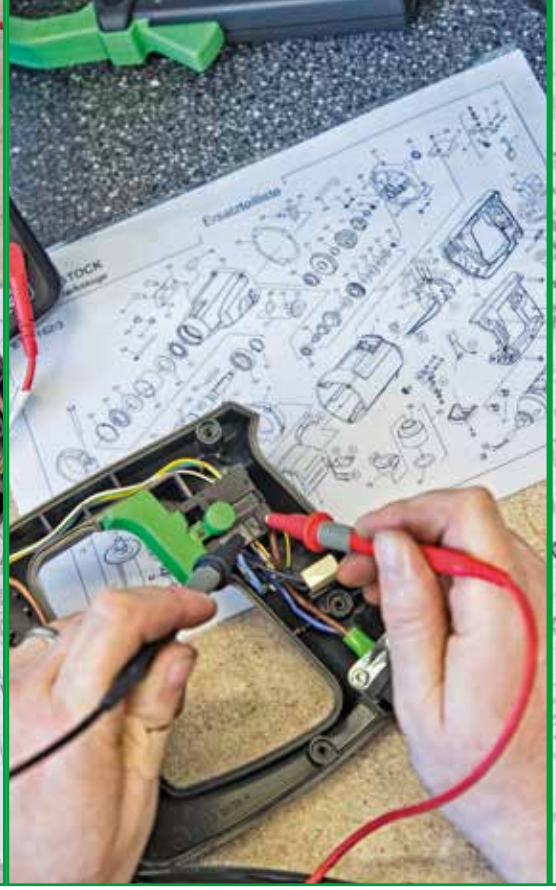
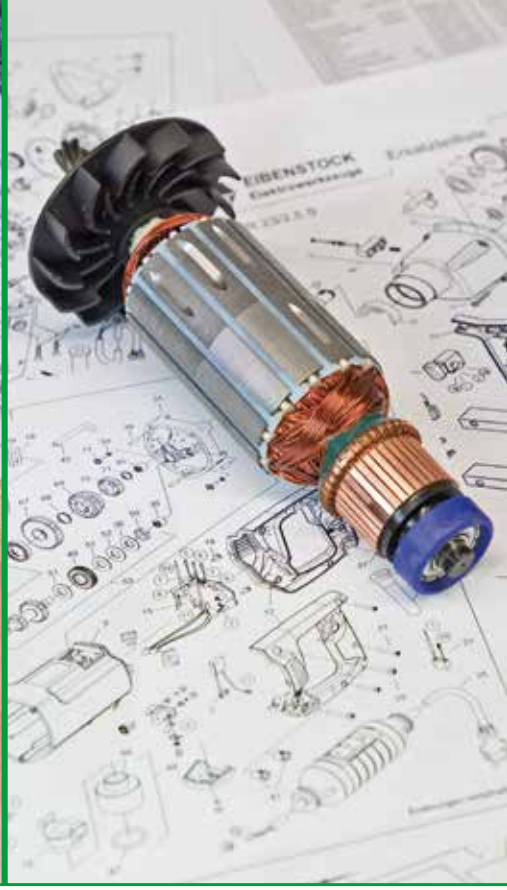


CUSTOMER CONTACT

We look forward to 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 manufacturer´s support. If you have any questions or need contact information please contact us on:

Phone: +49 37752 503-0 | Fax: +49 37752 2019
E-mail: reparaturservice@eibenstock.com

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.

VISIT US ON THE INTERNET:
EIBENSTOCK.COM

PROBLEM SOLUTIONS ALL AROUND THE CONSTRUCTION SITE

Sanding surfaces, milling/ redeveloping surfaces

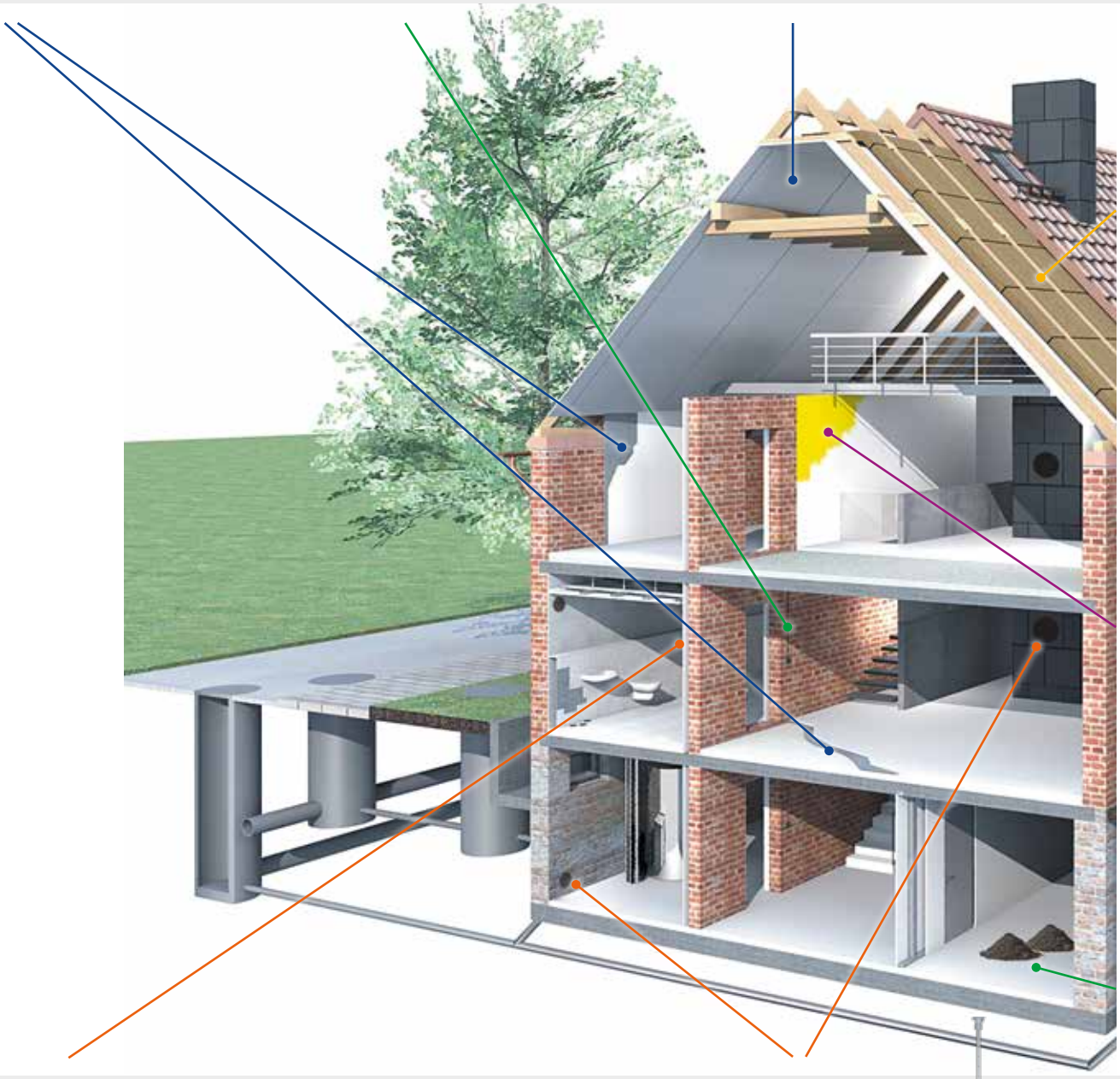


Slitting of installation channels



Assembly and sanding of drywall installations





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

Pump- & Vacuuming of dust and mud/cleaning of the construction site



Mixing of material



Cutting of material



THE RIGHT MACHINE FOR THE USER

	Painter/ Stucco plasterer	Electrician	Tiler	Floor fitters	Sanitary, heating, ventilation construction	Chimney builder	Roofer/Carpenter	Gardening and landscaping/Stonemason	Dry-wall installation	Civil engineering	Steel and metal construction	Drilling operation	Page
Hand held drilling machines													
EHB 16/2.5 S R/L							x				x		12
EHB 32/2.2 R R/L							x				x		12
EHB 32/4.2							x				x		13
Magnetic drill rig B 32.1											x	x	13
Diamond dry core drills													
EHD 1500		x			x								22
EHD 2002 S		x			x								24
EHD 1801					x	x							26
ESD 1801		x			x								28
ESD 162		x			x	x				x		x	30
Diamond wet-dry core drills													
ETN 162/3		x			x	x				x		x	32
PLD 182.1 NT		x			x	x				x		x	34
Diamond wet core drills													
END 40 A (Battery)		x	x		x		x	x		x			36
END 712 P			x		x			x		x			38
END 1550 P		x	x		x			x		x			40
Diamond core drilling units													
DBE 162		x			x	x				x		x	45
PLE 182		x			x	x				x		x	46
DB 201										x			47
PL 200										x			48
DBE 182		x			x					x		x	49
DBE 250 R					x					x		x	50
DBE 352					x					x		x	51
PLE 450					x					x		x	52
PLE 450 AS					x					x		x	53
Tile drilling machine EFB 68			x					x					61
Tile drilling machine EFB 152 PX			x					x					62
Mixing													
Stirrer EHR 14.1 SK Set	x		x	x		x			x				68
Stirrer EHR 15.2 SB Set	x		x	x		x				x			68
Stirrer EHR 18.1 S Set	x		x	x		x				x			69
Stirrer EHR 20.1 R Set	x		x	x		x		x		x			69
Stirrer EHR 20/2.6 S Set	x		x	x		x		x		x			70
Stirrer EHR 23/2.5 S Set	x			x				x		x			70
Stirrer EHM 162 S Set	x			x				x		x			71
Contra twin stirrer EZR 24 R R/L Set	x			x						x			71
Mixing station TwinMix 1800 T	x		x	x				x		x			74
Mixing station FloorMix 2300	x		x	x						x			76
Mixing station Automix 1801	x			x						x			78
Mixing station Automix 90	x			x						x			78

	Painter/ Stucco plasterer	Electrician	Tiler	Floor fitters	Sanitary, heating, ventilation construction	Chimney builder	Roofer/Carpenter	Gardening and landscaping/Stonemason	Dry-wall installation	Civil engineering	Steel and metal construction	Drilling operation	Page
Sanding/Milling/Smoothing													
Corner grinder EES 1400-3			x	x						x			86
Concrete grinder EBS 120.1			x	x						x			87
Concrete grinder EBS 125.4 O			x	x						x			88
Concrete grinder EBS 125.4 RO			x	x						x			88
Concrete grinder EBS 1802			x	x						x			89
Concrete grinder EBS 1802 SH			x	x						x			89
Concrete grinder EBS 180 H			x	x						x			90
Concrete grinder EBS 235.1			x	x						x			92
Scabbler and scouring machine EPF 1503	x		x	x						x			93
Scabbler and scouring machine EPF 200-3	x		x	x						x			94
Long reach renovation grinder ELS 125 D	x		x							x			96
Surface milling machine EOF 100.1	x			x			x						97
Long reach sander ELS 225.1	x								x				100
Dry-wall sander ETS 225	x								x				101
Insulation board sander EWS 400	x									x			101
Plaster smoothing ma. EPG 300 A (Batt.)	x									x			102
Plaster smoothing ma. EPG 400	x									x			103
Plaster smoothing ma. EPG 400 WP	x									x			103
Sawing/Cutting/Slitting													
Pipe-Cutter ERC 350					x			x		x		x	107
Diamond saw EDS 125			x					x					108
Cutting tables ETT 700/ETT 1200			x					x					109
Diamond saw EDS 181			x	x				x		x			110
Universal cutting saw EST 350.2								x		x			112
Cutting systems ETR 400.1 P							x	x		x	x	x	114
Cutting systems ETR 400.2 P							x	x		x	x	x	116
Double blade sword saw EDB 480.1							x		x	x			117
Wall chaser EMF 125.2		x											118
Wall chaser EMF 150.1 P/ EMF 150.1		x			x								119
Wall chaser EMF 180.2					x								120
Polishing/Calendering													
Polisher WPN 180			x					x					126
Calender ESM 1310/ESM 1311 Set							x				x		127
Pumping/Vacuuming													
Construction cleaner SS 1401 L	x	x	x	x	x	x	x	x	x	x	x	x	130
Industrial vacuum cleaner DSS 25 A	x	x	x	x	x	x	x	x	x	x	x	x	131
Industrial vacuum cleaner ESS 35 LP/MP	x	x	x	x	x	x	x	x	x	x	x	x	132
Industrial vacuum cleaner DSS 25 M	x	x	x	x	x	x	x	x	x	x	x	x	134
Industrial vacuum cleaner DSS 35 M iP	x	x	x	x	x	x	x	x	x	x	x	x	135
Pump vacuum cleaner EPS 50							x	x		x			136

DIRECTORY

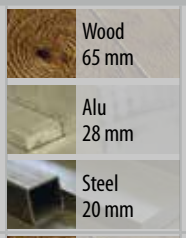
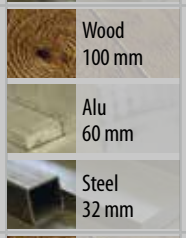
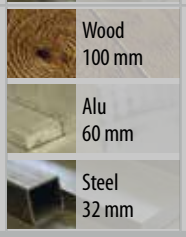
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DRILLING SCREWING







Model	Page	Max. drilling diameter	Spindle connection	Power input	Rated speed
HAND HELD DRILLING MACHINES					
 EHB 16/2.5 S R/L **0122R000** NEW	12	 Wood 65 mm Alu 28 mm Steel 20 mm	⅝" x 16 UN	1400 W	0-400/ 0-750 rpm
 EHB 32/2.2 R R/L **0152H000**	12	 Wood 100 mm Alu 60 mm Steel 32 mm	MT 3	1800 W	60-140/ 200-470 rpm
 EHB 32/4.2 **0154A000**	13	 Wood 100 mm Alu 60 mm Steel 32 mm	MT 3	1700 W	110/175/ 245/385 rpm





Motor
durable,
powerful

- **Gearbox**
  robust aluminium housing
- **Mechanical safety clutch**
  protection of the user

- **Torque pre-selection***
  Speed pre-selection*
  precise, safe working

Additional handle
for better grip

Switch
with lock-on button
for use in a drill rig

Collar
for drill rig application

Drilling spindle
precision-ground

Morse taper connection*
centralised,
high power transmission

** 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 16/2.5 S R/L

NEW



Increased performance
Ergonomic design
with large switch button

Ø 20 in steel | 2

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

Reversible



Ø 32 in steel | 2

Compact model

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

FEATURES:
- Soft start speed control – precise drilling/screwing
- Reversible – easy removal of the drill bit from holes and effortless screw in and replacement of screws
- High torque gearbox – powerful drilling
- Mechanical safety clutch - operator protection
- Long front handle allowing for easy handling at high torque and optimal power transmission
- Spade handle – optimal power transmission

Powerful model

APPLICATION:
- Hand-held or stand mounted drilling in wood, aluminium, steel
- **Screwing and tapping forward reverse and torque control**
- As a driving motor
- Metal and timber construction, machine, plant and vehicle construction

FEATURES:
- Soft start, temperature control and over current cut-off – protection of the machine
- Torque control, speed regulation and constant speed – optimal adjustment to material and drilling diameter
- Mechanical safety clutch – operator protection
- Morse taper connection – versatile spindle connection

SPECIFICATIONS	EHB 16/2.5 S R/L
Power input	1400 W
Rated voltage	230 V ~
Rated speed	0-400/0-750 rpm
No-load speed	0-650/0-1200 rpm
Max. drilling-Ø wood/alu/steel	65/28/20 mm*
Reversible	yes
Spindle connection	⅝" × 16 UN
Collar diameter	43 mm
Weight	3.5 kg
Order no.	0122R000
Supplied	in a box incl. drill chuck key

** Drill with shaft 16 mm*

SPECIFICATIONS	EHB 32/2.2 R R/L
Power input	1800 W
Rated voltage	230 V ~
Rated- /No-load 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 incl. drill drift MT 3





Hand-held drilling machine EHB 32/4.2



Ø 32 in steel

4

Magnetic drill rig B 32.1

max. drilling diameter:	
twist drill	32 mm
core drill	100 mm
taper	M 20



Powerful model

APPLICATION:
- Hand-held or stand mounted drilling in wood, aluminium, steel
- As a driving motor
- Metal and timber construction, machine, plant and vehicle construction

FEATURES:
- Mechanical safety clutch – protection of the user
- Morse taper connection – versatile spindle connection

Strong magnetic connection for safe working

APPLICATION:
- Safety drilling and milling overhead and on sloping steel surfaces
- Metal and timber construction, machine, plant and vehicle construction

FEATURES:
- Connecting screw drill stand/drilling machine for precise guiding especially for core hole drilling – protection against turning
- Base with high magnetic force – safe working
- Robust design with solid, durable dovetail guide
- Suitable for the EIBENSTOCK EHB 32/2.2 R R/L and EHB 32/4.2 models

SPECIFICATIONS	EHB 32/4.2
Power input	1700 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 incl. drill drift MT 3

SPECIFICATIONS	B 32.1
Power input	110 W
Rated voltage	230 V ~
Magnetic holding force	16000 N
Size of magnet	220 x 110 mm
Max. collar diameter	65 mm
Hub	180 mm
Height	409 mm
Socket outlet	max. 16 A
Weight	17.0 kg
Order no.	09507000
Supplied	in a case incl. safety belt, weldon mounting shank MT 3 and assembly tools





A Drilling ACCESSORIES

FOR HAND-HELD DRILLING MACHINES

	1	Weldon mounting shank MK 3 - Ø 19 mm	33125000
	2	Taper mandrel B 18/MT 2 B 18/MT 3	33112000 33122000
	3	Quick action drill chuck ½" x 20 Ø 13 mm	33433000
	4	Adapter MT 2 male - M 14 female	33113000
	5	Plastic case for EHB 16	37332000

DIAMOND CORE DRILLING

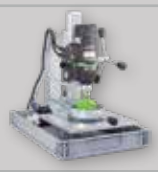






Model	Page	Dry/wet drilling	Spindle connection	Power input	No load speed
DRY CORE DRILLING					
EHD 1500 **03E11000** 	22	32-82 mm	M 18 male	1500 W	0-3700 rpm
EHD 2002 S **03E28000** NEW 	24	32-132 mm	M 18 male	1800 W	0-1500/ 0-3000 rpm
EHD 1801 **0331U000** 	26	max. 250 mm	M 18 male	1800 W	0-800 rpm
DRY-SOFT IMPACT-CORE DRILLING					
ESD 1801 **03217000** 	28	max. 92 mm	M 18 male	1800 W	0-3000 rpm
ESD 162 **03E25000** NEW 	30	82-202 mm	1¼"	2200 W	0-1100 rpm No load speed= Rated speed
WET-DRY CORE DRILLING					
ETN 162/3 **03E31000** 	32	12-202 mm 12-162 mm	G½" female + 1¼" male	2200 W	0-510/ 0-1150/ 0-2500 rpm No load speed= Rated speed
PowerLine ***PLD 182.1 NT*** **0343X000** 	34	12-202 mm 12-182 mm	G½" female + 1¼" male	2300 W	0-1000/ 0-2200/ 0-4400 rpm Rated speed: 0-520/0-1250 /0-2500 rpm
BATTERY-WET CORE DRILLING CAS 100% COMPATIBLE cordless-alliance-system.com					
END 40 A **030A1000** 	36	6-40 mm	M 12 x 1.5 male	18V/5.2 Ah	0-8000 rpm
WET CORE DRILLING					
END 712 P **03015000** 	38	up to 18 mm	M 12 x 1.5 male	700 W	0-11000 rpm
END 1550 P **03114000** 	40	6-68 mm	G½" female	1500 W	1800-4400 rpm No load speed= Rated speed

Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner!
For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!

Model	Page	Dry/wet drilling	Spindle connection	Power input	No load speed
CORE DRILLING UNITS					
DBE 162 **03E35000** 	45	12-202 mm 12-162 mm	G½" female + 1¼" male	2200 W	0-510/ 0-1150/ 0-2500 rpm No load speed= Rated speed
PowerLine ***PLE 182*** **0343S000** 	46	12-202 mm 12-182 mm	G½" female + 1¼" male	2300 W	0-1000/ 0-2200/ 0-4400 rpm
DB 201 **0B33R000** 	47	202 mm	G½" female + 1¼" male	2500 W	675 rpm
PowerLine ***PL 200*** **03512000** NEW 	48	202 mm	G½" female + 1¼" male	2600 W	675 rpm
DBE 182 **03E34000** 	49	12-202 mm	G½" female + 1¼" male	2300 W	480/ 1080/ 2350 rpm
DBE 250 R **0352I000** 	50	52-252 mm	1¼" male	2500 W	360/ 850 rpm No load speed= Rated speed
DBE 352 **03642000** 	51	42-352 mm	1¼" male	3000 W	230/ 500/ 1030 rpm No load speed= Rated speed
PowerLine ***PLE 450*** **0373B000** 	52	72-452 mm	1¼" male	3300 W	230/ 525/ 1025 rpm
PowerLine ***PLE 450 AS*** **0373N000** NEW 	53	92-452 mm	1¼" male	5200 W	130/ 290/ 460 rpm No load speed= Rated speed
EFB 68 **0662H000** 	61	20-68 mm	M 14 male	1400 W	3000- 10000 rpm No load speed= Rated speed
EFB 152 PX **0662B000** 	62	6-120 mm	G½" female	1150 W	250- 1000 rpm No load speed= Rated speed

Tip: Soft materials which are wet or damp should be drilled wet, as otherwise optimum suction cannot be ensured and drill bits may jam (drill bits see page 60).

DIAMOND CORE DRILLING MACHINES

Wet drilling

Dry drilling

PowerLine

EHD 1500	EHD 2002 S	EHD 1801	ESD 1801	ESD 162	END 40 A	END 712 P	END 1550 P	ETN 162/3	PLD 182.1NT
			52 - 92	82 - 162	6 - 40	3,5 - 18	6 - 68	12 - 162	12 - 182
Page 22	Page 24	Page 26	Page 28	Page 30	Page 36	Page 38	Page 40	Page 32	Page 34
32 - 82	32 - 132	132 - 250	52 - 92	82 - 202				12 - 202	12 - 202

Hard materials

Soft materials

Hard materials

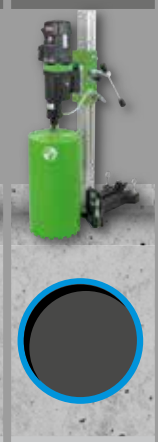
Porcelain stoneware	Ceramic tile	Natural stone tile	Granite	Marble
Concrete (reinforced)	Concrete	Bitumen*	High density sand-lime brick	Hard burnt clinker

*must be drilled wet

Soft materials

Brickstone	Aerated concrete	Soft concrete	Low density sand-lime brick

DIAMOND CORE DRILLING UNITS

PowerLine	PowerLine			PowerLine	PowerLine			
DBE 162 (ETN 162/3)	**PLE 182** (PLD 182.1 NT)	**DB 201**	**PL 200**	**DBE 182** (EBM 182/3)	**DBE 250 R** (EBM 250/2 RP)	**DBE 352** (EBM 352/3)	**PLE 450** (PLD 450.2)	**PLE 450 AS** (PLD 450 AS)
								
12-162	**12-182**	**bis 202**	**bis 202**	**12-202**	**52-252**	**42-352**	**71-452**	**92-452**
Page 45	Page 46	Page 47	Page 48	Page 49	Page 50	Page 51	Page 52	Page 53
								
12 - 202	**12 - 202**							(all dimensions in mm)



DBE 182 - Page 49



ESD 162 - Page 30

Drilling in hard materials



EHD 2002 S - Page 24



EHD 1500 - Page 22

Drilling in soft materials





Motor

powerful, durable

Spindle connection

standard connection for all attachments and accessories

Lock-on button

protection against accidental fixing

Metal gearbox

long service life

Dust extraction*/ Water supply*

integrated

PUR-construction site cable*

for heavy duty use

- **Mechanical safety clutch*** protection of the user
- **Electronic**
  soft start*
  overload indication*
  temperature control*
  over current cut-off*
  constant speed*
  service indicator*

Additional handle

variable adjustment on the collar

** not present on all models*

CHARACTERISTICS OF DIAMOND CORE DRILLS

With a wide range of different diamond core drills EIBENSTOCK offers tailored solutions for diamond core drilling between diameter 6 and 450 mm. The comprehensive machine, drill and accessory program is not only convincing plumbers and electricians but also other craftsman 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.

NEW

Up-Side-Down
USD 182 (see page 55)

NEW

Drill rig "Bohrwurm"
EBW 1300 (see page 54)

Battery wet core drill
END 40 A (see page 34)

Diamond dry core drill EHD 1500



The handy machine – ideal for socket sinking in the installation business up to Ø 82 mm

APPLICATION:

- Dry drilling up to Ø 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, overload indication
- Mechanical safety clutch
- Low weight with high power
- PUR-construction site cable – strong for heavy duty use
- Ergonomic handle and large-dimensioned switch button – good control and effortless working

1 | Ø 82

SPECIFICATIONS	EHD 1500/EHD 1500 SET
Power input	1500 W
Rated voltage	230 V ~
Rated speed	0-2000 rpm
No-load speed	0-3700 rpm
Drilling diameter	32-82 mm
Spindle connection	M 18 male
Collar diameter	46 mm
Weight	3.9 kg
Order no.	03E11000/03E13000
Supplied EHD 1500	in a case without accessories
Supplied EHD 1500 Set	in a case incl. dust extraction HB, drill bit for socket outlets Ø 82 mm and centering drill



overload indication



EHD 1500 Set



DUST PROTECTION SYSTEM

Mineral dust may cause cancer!

A Diamond dry core drill EHD 1500 – ACCESSORIES

WITHOUT DUST EXTRACTION

Material



for brickwork, soft concrete

Centering shaft
spring loaded

35612000

Universal suction ring
UAR 162 G



35876000

Drill bit for socket outlets dry M 16



A Ø 68 mm and Ø 82 mm

Adapter H



M 16 m - M 18 f

35512000

Adapter SDS



M 16 m - M 18 f incl. SDS drill bit

35514000

M 18 m



WITH DUST EXTRACTION HB

Material



for brickwork, soft concrete



for sand-lime brick

Centering drill

35614000

35614000

Drill bit for socket outlets dry M 16



B Ø 68 mm and Ø 82 mm



C Ø 68 mm and Ø 82 mm

Dust extraction HB



M 16 m - M 18 f

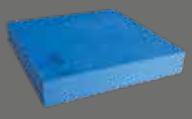
35242000

A B C **Diamond drill bits see page 60**



Sharpening block
200 x 100 x 50 mm

35910000



Sharpening plate
320 x 320 x 55 mm

35913000

Centering shaft, spring loaded
for dust extraction H 35240000

35612000



Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner! For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!

Diamond dry core drill
EHD 2002 S

NEW



Ergonomic design with large switch button

Powerful motor

The universal tool for installation holes up to Ø 132 mm

APPLICATION:

- Dry drilling up to Ø 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
- Robust 2-speed gearbox
- Mechanical safety clutch
- Additional handle – variable adjustment on the collar

2 | Ø 132

SPECIFICATIONS	EHD 2002 S
Power input	1800 W
Rated voltage	230 V ~
Rated speed	0-850/0-1700 rpm
No-load speed	0-1500/0-3000 rpm
Drilling diameter	32-132 mm
Spindle connection	M 18 male
Collar diameter	53 mm
Weight	5.9 kg
Order no.	03E28000
Supplied	in a case without accessories



DUST PROTECTION SYSTEM

Mineral dust may cause cancer!

A Diamond dry core drill EHD 2002 S – ACCESSORIES

WITHOUT DUST EXTRACTION

Material



for brickwork, soft concrete

Centering shaft
spring loaded

35612000

Universal suction ring
UAR 162 G



35876000

Drill bit for socket outlets dry M 16



A Ø 68 mm and Ø 82 mm

Adapter H



M 16 m - M 18 f
35512000

Adapter SDS



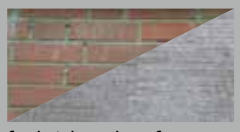
M 16 m - M 18 f incl. SDS drill bit
35514000

M 18 m



WITH DUST EXTRACTION HB

Material



for brickwork, soft concrete



for sand-lime brick



for hard sand-lime brick

Centering drill

35614000

35614000

35614000

Drill bit for socket outlets dry M 16



B Ø 68 mm and Ø 82 mm



C Ø 68 mm and Ø 82 mm



C

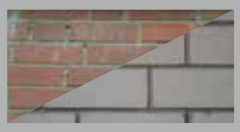
Dust extraction HB



M 16 m - M 18 f
35242000

WITH DUST EXTRACTION M 18 - 1¼"

Material



for brickwork, sand-lime brick

Centering rod

300 mm 36395000
450 mm 36391000

Diamond dry drill bits 1¼"



D 200 mm, Ø 82-132 mm
E 420 mm, Ø 52-132 mm

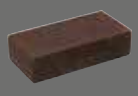
Dust extraction



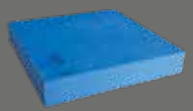
1¼" m - M 18 f
35230000



A B C D E **Diamond drill bits see page 60**



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*



Slider quick release ring 1¼"
for drill bits
35652000 *1 piece*

Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner! For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!

Centering shaft, spring loaded
for dust extraction H 35240000
35612000

Diamond dry core drill
EHD 1801



Hand-held dry core drilling up to Ø 250 mm

APPLICATION:

- Drills up to Ø 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, durable
- Mechanical safety clutch
- Additional handle – variable adjustment on the collar
- Compact design – handy and balanced

1 Ø 250

SPECIFICATIONS	EHD 1801
Power input	1800 W
Rated voltage	230 V ~
Rated speed	0-550 rpm
No-load speed	0-800 rpm
Drilling diameter	132-250 mm
Spindle connection	M 18 male
Collar diameter	53 mm
Weight	5.4 kg
Order no.	0331U000
Supplied	in a case without accessories



- Can be used with the chimney drill rig KBS 250 (accessory, see page 56)

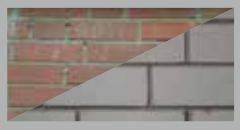


DUST PROTECTION SYSTEM
Mineral dust may cause cancer!

A Diamond dry core drill EHD 1801 – ACCESSORIES

WITH DUST EXTRACTION M 18 - 1¼"

Material



for brickwork, sand-lime brick

Centering rod

200 mm 36395000

450 mm 36391000

Diamond dry drill bits 1¼"



D 200 mm, Ø 132-250 mm

E 420 mm, Ø 132-202 mm

Dust extraction

M 18 m



1¼" m - M 18 f



35230000



Wood

NEW



350 mm 36399000

Diamond drill bits Multi-Material *TIMBER-PRO* 1¼" NEW

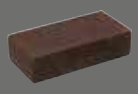


R 350 mm, Ø 68-182 mm

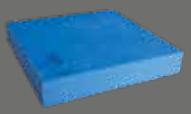


Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner! For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!

D E R **Diamond drill bits see page 60**



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*



Slider quick release ring 1¼"
for drill bits
35652000 *1 piece*



Chimney drill rig KBS 250 (see page 56)
09648000

Diamond dry soft impact core drill ESD 1801



With soft percussion for hard materials up to Ø 92 mm

APPLICATION:

- Dry drilling up to Ø 92 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 when using diamond dry soft impact drill bits G (see page 60)

1 Ø 92

SPECIFICATIONS	ESD 1801
Power input	1800 W
Rated voltage	230 V ~
Rated speed	0-2050 rpm
No-load speed	0-3000 rpm
Blows	41000 bpm
Drilling diameter	max. 92 mm
Spindle connection	M 18 male
Collar diameter	53 mm
Weight	5.9 kg
Order no.	03217000
Supplied	in a case without accessories



DUST PROTECTION SYSTEM
Mineral dust may cause cancer!

A Diamond dry soft percussion core drill ESD 1801 – ACCESSORIES

IHT SOFT IMPACT

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 H



M 16 m - M 18 f
35512000

M 18 m



UAR 162 G
Universal suction ring



35876000

Adapter SDS



M 16 m - M 18 f incl. SDS drill bit
35514000

WITH DUST EXTRACTION HB

Material



for reinforced concrete, sand-lime brick

Centering drill

35615000

Diamond dry drill soft-impact bit M 16



G 150 mm
Ø 52 mm-82 mm

Spacer

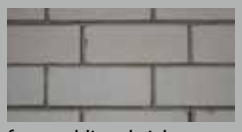


35241000
for Ø 52 mm

Dust extraction HB



M 16 m - M 18 f
35242000



for sand-lime brick

35614000

Drill bit for socket outlets dry M 16



C Ø 68 mm and Ø 82 mm



for brickwork, soft concrete

35614000

Diamond dry drill bit M 16



B for Ø 52 mm and Ø 82 mm

WITH DUST EXTRACTION M 18 - 1¼"

Material



for brickwork, sand-lime brick

Centering rod

200 mm 36395000
450 mm 36391000

Diamond dry drill bit 1¼"



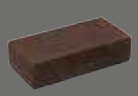
D 200 mm, Ø 82 mm
E 420 mm, Ø 52-82 mm

Dust extraction

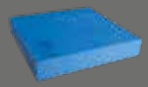


1¼" m - M 18 f
35230000

A B C D E F Diamond drill bits see page 60



Sharpening block
200 x 100 x 50 mm
35910000



Schärfplatte
320 x 320 x 55 mm
35913000



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



Slider quick release ring 1¼"
for drill bits
35652000 *1 piece*



Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner! For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!

Centering shaft, spring loaded
for dust extraction H 35240000
35612000
70 mm 150 mm

NEW

Diamond dry soft impact core drill ESD 162



IHT
IMPACT HYBRID TECHNOLOGY
SOFT IMPACT

With soft impact into extremely hard materials up to Ø 162 mm

APPLICATION:

- Dry drilling up to Ø 162 mm in particularly hard materials, e.g. highly compacted sand-lime brick, reinforced concrete and masonry at high working speed (Ø 202 only in masonry).
- Making wall and ceiling openings in plumbing, heating and ventilation construction

FEATURES:

- Newly developed IHT gear unit - extremely robust thanks to Impact Hybrid Technology (IHT)
- High-precision gear rim geometry - optimized, high-frequency impact impulse delivery to the drill bit for faster drilling progress
- Hand-held and stand-guided drilling of wall and ceiling openings in sanitary, heating and ventilation construction (where wet drilling is not possible) - we recommend the drill rig BST 162 H (see page 56)
- EDMC Pro - digital motor control with service and overload display
- Mounting for centering rod

Problem solver where wet drilling is not possible (no water damage)

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!

1

Ø 202
in brickwork

SPECIFICATIONS	ESD 162
Power input	2200 W
Rated voltage	230 V ~
Rated speed	0-1100 rpm
No-load speed	0-1100 rpm
Blows	22000 bpm
Drilling diameter	max. 202 mm
Spindle connection	1¼"
Collar diameter	60 mm
Weight	6.7 kg
Order no.	03E25000
Supplied	in a case, jaw wrench SW 32/41



– switchable soft impact



– integrated suction



– vibration damping handles



A Diamond dry soft impact core drill ESD 162 – ACCESSORIES

WITH SOFT-IMPACT

Material



for reinforced concrete, highly compacted sand-lime brick

Centering rod 350 mm

36394000

Diamond-dry-soft-impact-drill bits 1¼"



F 350 mm
Ø 82 - 162 mm

1¼"



WITHOUT SOFT-IMPACT

Material



for masonry, sand-lime brick

Centering rod

200 mm *36395000*
450 mm *36391000*

Diamond-dry-drill-bits 1¼"



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

Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner! For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!



FASTER DRILLING PROGRESS





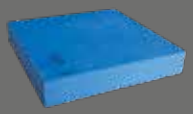
Optimized, high-frequency impact pulse delivery to the drill bit

Newly developed, robust IHT gear, very precise gear rim geometry

D E F **Drill bits see page 60**



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, *1 piece*
35450000



Slider quick release ring 1¼"
for drill bits, 1 piece
35652000



Drill rig
BST 162 H (see page 56)
0963W000

Diamond wet-dry core drill ETN 162/3



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

APPLICATION:

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

FEATURES:

- Powerful 2200 W motor with high power reserves and a long lifetime
- Electronic – soft start, temperature control and over current cut-off, overload indication, constant speed
- Cut-off carbon brushes
- Service indicator – lights up approx. 10 working hours before the cut off carbon brushes need to be replaced
- 3-speed oil bath gearbox – for optimal lubrication in all working positions and optimal adjusted torque-speed-ratio for all diameters
- Mechanical safety clutch
- Combination spindle with integrated connection for centering rod – fast, precise spot drilling
- Ergonomic handle with large-dimensioned switch button – good control and effortless working
- PUR-construction site cable – strong for heavy duty use
- Adapter change – fast conversion between wet and dry applications
- Integrated levels on machine and handle
- Quick-mounting system – fixing of the machine including handle into the rig without any tools

3

Ø 202 in brickwork

SPECIFICATIONS		ETN 162/3
Power input		2200 W
Rated voltage		230 V ~
Rated- /No-load speed		0-510/-1150/-2500 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
Spindle connection		G½" female + 1¼" male
Collar diameter		60 mm
Weight		6.7 kg
Order no.		03E31000
Supplied		in a case incl. water supply and dust extraction, jaw wrench SW 32 + 41



DUST PROTECTION SYSTEM

Mineral dust may cause cancer!

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

FOR WET DRILLING

Material


for reinforced concrete


for reinforced concrete


for reinforced concrete

Diamond wet drill bits R½"



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

Diamond wet drill bits 1¼"



J 450 mm, Ø 41-161 mm

Diamond wet drill bits 1¼"



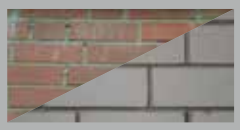
Q 450 mm, Ø 42-161 mm
(from Ø 80 mm drill rig required)

Flow indicator
the rotating impeller indicates the water flow rate



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 200 mm, Ø 82-202 mm
E 420 mm, Ø 52-202 mm


Wood

NEW



350 mm 36399000

Diamant-Bohrkronen Multi-Material TIMBER-PRO 1¼"

NEW



R 350 mm, Ø 68-182 mm



Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner! For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!

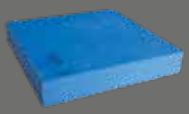


Water tank
10 l metal, incl. 3.5 m hose with Gardena-Connector
35812000

D *E* *H* *I* *J* *Q* *R*
Diamond drill bits see page 60



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*



Slider quick release ring 1¼"
for drill bits
35652000 *1 piece*



Drill rig
BST 182 V/S (see page 57)
09646000

Diamond core drilling unit
DBE 162 (see page 45)
03E35000

PowerLine



Optimized efficiency with special gearbox adjustment for powerful drilling progress

Robust full-aluminium-housing

3

Ø 202 in brickwork

SPECIFICATIONS		PLD 182.1 NT
Power input		2300 W
Rated voltage		230 V ~
Rated speed		0-520/-1200-2500 rpm
No-load speed		0-1000/0-2200/0-4400 rpm
Drilling diameter	Concrete (wet)	1. Gear 82-182 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
Spindle connection		G½" female + 1¼" male
Collar diameter		60 mm
Weight		7.5 kg
Order no.		0343X000

Supplied PLD 182.1 NT in a case, connection for dust extraction and water supply, jaw wrench SW 32/41

Diamond wet-dry core drill PLD 182.1 NT

The machine for hardest applications in series drilling up to Ø 182 mm in concrete

APPLICATION:

- Dry drilling in sand-lime brick, brickwork, clinker, brick and other abrasive materials as well as wet drilling in reinforced concrete, natural stone and asphalt
- Drilling operators, civil engineering, sanitary, heating and ventilation construction, other installation companies, gardening and landscaping

FEATURES:

- Powerful 2300 W motor with high power reserves and a long lifetime, able to continuously work under pressure
- Electronic – soft start, over current cut-off, overload indication, cut off carbon brushes
- 3-speed oil bath gearbox – for optimal lubrication in all working positions and optimal adjusted torque-speed-ratio for all diameters
- Mechanical safety clutch
- Combination spindle with integrated connection for centering rod – fast, precise spot drilling
- Ergonomic handle with large-dimensioned switch button – good control and effortless working
- Cut-off carbon brushes
- PUR-construction site cable – strong for heavy duty use
- Integrated levels on machine



Shortest design in its power range – ideal for narrow spaces

A Diamond wet-dry core drill PLD 182.1 NT – ACCESSORIES

PowerLine

FOR WET DRILLING

Material



for reinforced concrete

Diamond wet drill bits R½"



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



for reinforced concrete

Diamond wet drill bits 1¼"





J 450 mm, Ø 41-181 mm



for reinforced concrete

Diamond wet drill bits 1¼"





Q 450 mm, Ø 42-182 mm
(from Ø 80 mm drill rig required)





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 200 mm, Ø 82-202 mm
E 420 mm, Ø 52-202 mm

NEW



Holz

NEW

350 mm 36399000

Diamant-Bohrkronen Multi-Material TIMBER-PRO 1¼"





R 350 mm, Ø 68-182 mm

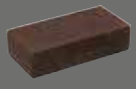




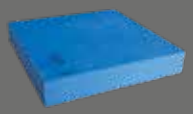
Water tank
10 l metal, incl. 3.5 m hose with Gardena-Connector
35812000

Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner!
For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!

D E H I J Q R
Diamond drill bits see page 60



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*



Slider quick release ring 1¼"
for drill bits
35652000 *1 piece*



Drill rig
BST 182 V/S (see page 57)

Connecting adapter
universal tool holder/
collar Ø 60 mm

Diamond core drilling unit
PLE 182 (see page 46)

Compatible with batteries of the CAS ALLIANCE

CAS CORDLESS ALLIANCE SYSTEM



100% COMPATIBLE with 18V batteries + chargers from METABO

The cordless drilling professional with integrated water tank for the sanitary area

1 | Ø 40

SPECIFICATIONS	END 40 A
Battery pack	18 V / 5.2 Ah Li-Ion
No-load speed	0-8.000 min^{-1}
Drill-Ø Dowel holes	6 - 20 mm
Drill-Ø Tiles-/ slab drilling (max. 20 mm thickness)	6 - 40 mm
Spindle connection	M 12 x 1.5 m
Gewicht	2.4 kg incl. battery
Order no.	030A1000

in a case, **incl. charger (standard), 1x battery 5.2 Ah**, adapter M12x1,5 f/1/2" f, assembly tools

Order no.	030A2000

in a case, **without charger and battery**, Adapter M 12 x 1,5i / 1/2"i, assembly tools



When using already the CAS system also available without charger and battery can be ordered

CAS CORDLESS ALLIANCE SYSTEM

Battery diamond wet drill END 40 A

The wireless freedom - up to Ø 40 mm

APPLICATION:

- Fast freehand drilling of the hardest materials on walls and floors, for example, natural stone, tiles, ceramics, porcelain, porcelain stoneware and concrete
- Impact-free drilling - prevents damage to the surface and material breakage, especially with high-quality materials
- Especially for the SHK and electrical industry as well as tilers and roofers

FEATURES:

- Flexible working without disturbing power cord
- Integrated water tank with volume control
- High-speed metal gearbox for long life and optimum cutting speed





A Battery-diamond-wet-drill END 40 A – ACCESSORIES

FOR WET DRILLING

Material



for concrete, tiles

Centering device with drilling template



3583A000

Diamond wet full drill bits



K 150 mm, Ø 6-12 mm





for concrete, tiles

Centering device with drilling template



3583A000

Diamond wet full drill bits



L 60 mm, Ø 6-12 mm



for natural stone, Porcelain stoneware

Centering device with drilling template



3583A000

Diamond wet hollow drill bits



M 60 mm, Ø 6-18 mm



for natural stone, Porcelain stoneware



N 40 mm, Ø 22-40 mm

Adapter



M 12 x 1,5 f/R½" f

35123000





Battery (5.2 Ah)

37731000



Charger standard (charging time about 110 min)

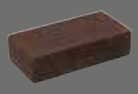
37734000



Quick charger (charging time about 45 min)

37732000

K L M N **Diamond drill bits see page 60**



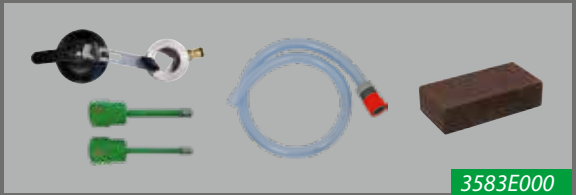
Sharpening block
200 x 100 x 50 mm

35910000



Adapter
M 12 x 1,5i/M 14a

35124000



3583E000

starter kit: centering device with drilling template, water suction hose with Gardena-Connector, diamond wet full drill bits 6/8 mm, sharpening block (optionally available)

Diamond wet drill
END 712 P



The fast model for up to Ø 18 mm

APPLICATION:

- 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
- Stainless steel spindle
- Integrated water supply
- Easy to service – shaft seals are easily replaceable
- Water supply control – stepless quantity control
- Low weight, ergonomic design – easy handling
- Centering device (accessory)

1 | Ø 18

SPECIFICATIONS	END 712 P	
Power input	700 W	
Rated voltage	230 V ~	
Rated speed	0-8000 rpm	
No-load speed	0-11000 rpm	
Max. drilling diameter	full drill bits hollow drill bits	12 mm 18 mm
Spindle connection	M 12 × 1.5 male	
Collar diameter	43 mm	
Weight	2.6 kg	
Order no.	03015000	
Supplied	in a case incl. depth gauge, jaw wrench SW 13/17	



3583E000

starter kit: centering device with drilling template, water suction hose with Gardena-Connector, diamond wet full drill bits 6/8 mm, sharpening block (optionally available)



A Diamond wet drill END 712 P – ACCESSORIES

FOR WET DRILLING

Material



for concrete, tiles

Centering device with drilling template



3583A000

Diamond wet full drill bits



K 150 mm, Ø 6-12 mm



for concrete, tiles

Centering device with drilling template



3583A000

Diamond wet full drill bits



L 60 mm, Ø 6-12 mm



for natural stone, tiles

Centering device with drilling template



3583A000

Diamond wet hollow drill bits



M 60 mm, Ø 6-18 mm





Flow indicator
the rotating impeller indicates the water flow rate



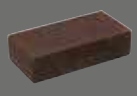
Water tank
5 l plastic, incl. 4.0 m hose with Gardena-Connector

35811000

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

35812000

K L M Diamond drill bits see page 60



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

APPLICATION:

- 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:

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

1 Ø 68

SPECIFICATIONS	END 1550 P
Power input	1500 W
Rated voltage	230 V ~
Rated- /No-load speed	1800-4400 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 incl. quick changing adapter and adapter M 12 x 1.5 m - G½"m



speed regulation



water supply control



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 R½"


N 40 mm, Ø 22-68 mm


O 150 mm, Ø 18-51 mm


H 300 mm, Ø 10-31 mm

Diamond wet full drill bits


L 60 mm, Ø 6-12 mm

K 150 mm, Ø 6,0-12 mm

Diamond wet hollow drill bits


M 60 mm, Ø 6-18 mm

Spare seals
for centering device
35842000



Quick change adapter


G½" - G½"
38004000

Quick change top


38006000

Adapter


M 12 x 1.5 m - G½"m
35122000

Centering device
with water collection
(Gardena-Connector)
max. Ø 30 mm
35836000







Flow indicator
the rotating impeller indicates the water flow rate



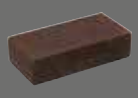
Centering device with drilling template
3583A000



Water tank
5 l plastic, incl. 4.0 m hose with Gardena-Connector
35811000

10 l metal, incl. 3.5 m hose with Gardena-Connector
35812000

H K L M N O **Diamond drill bits see page 60**



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, 10, 12, 13, 14, 15, 16, 18, 20, 22, 24, 30 mm



Drill rig BST 90
09629000

Drill rig BST 50 V
09659000

see page 56



PUR-construction site cable
for heavy duty use

Service indicator
(EBM 182/3, EBM 352/3)
early indication for changing the carbon brushes

Cut-off carbon brushes
(not for PLD 450.2, PLD 450 AS)
protection of the motor

- **Electronic**
  soft start,
  temperature control,
  over current cut-off,
  overload indication,
  constant speed
  (EBM 182/3, EBM 250/2 RP, EBM 352/3)



Connector for quick-change plate or quick-mounting system
motor/drill rig

Oil bath gearbox with oil pump
permanent lubrication in all working positions

Mechanical safety clutch
protection of operator and tool in case of jamming

Shaft seals
replaceable from the outside
easy service

Spindle connection
1¼" male
for customary drill bits

FEATURES OF CORE DRILL MOTORS

Our core drills have a solid and study 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	ESD 200	EBM 352/3	PowerLine PLD 450.2	PowerLine PLD 450 AS
Power input/ Rated voltage	2300 W 230 V ~	2500 W 230 V ~	2.500 W 230 V ~	3000 W 230 V ~	3300 W 230 V ~	5200 W / 16A CE 400 V ~
Rated speed	480/1080/2350 rpm	360/850 rpm	500/1.050 rpm	230/500/1030 rpm	150/340/700 rpm	130/290/460 rpm
No-load speed	480/1080/2350 rpm	360/850 rpm	750/1.500 rpm	230/500/1030 rpm	230/525/1025 rpm	130/290/460 rpm
Constant speed	x	x	–	x	–	–
Full aluminium housing	–	–	x	–	x	x
Drilling diameter	12-202 mm	52-252 mm	52-202 mm	42-352 mm	71-452 mm	92-452 mm
Spindle connection	G½" i - 1¼" m	1¼" m	1¼" m	1¼" m	1¼" m	1¼“ m
Machine connection	Quick-mounting system	Universal tool holder	Universal tool holder	Universal tool holder	Universal tool holder	Universal tool holder
Weight	6.7 kg	10.5 kg	8.9 kg	12.5 kg	15.3 kg	25.0 kg
Order no.	03E33000	0352H000	0352W000	03641000	0373G000	0373H000
Supplied	in a box incl. jaw wrench SW 32/41	in a box incl. jaw wrench SW 32/41	in a box incl. jaw wrench SW 32/41	in a box incl. jaw wrench SW 32/41	in a box incl. jaw wrench SW 32/41	in a box incl. 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 (horizontal/vertical)

Feed lever

change without any tool, easy selection of the operating side

Scale

easy adjustment of drilling depth

Additional handle*

easy transport

Toothing

wide and constant, precise, long-lived

Rollers*

quick to mount, easy and light transport

Aluminium colum*

high torsional strength, light, 45° swivel

** not present on all models*

Adjusting screws

robust, exact adjustment

Base

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

Hole centre indicator*

exact positioning

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.

Diamond core drilling unit DBE 162

The versatile combination for drilling up to Ø 162 mm

APPLICATION:

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

FEATURES:

- Electronic – soft start, temperature control and over current cut-off, overload indication, constant speed
- Service indicator – lights up approx. 10 working hours before the ccut off carbon brushes need to be replaced
- 3-speed oil bath gearbox – for optimal lubrication in all working positions due to the specially developed oil pump and optimal adjusted torque-speed-ratio for all diameters
- 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 levels on 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



3

Ø 202 in brickwork

SPECIFICATIONS	DBE 162
Power input	2200 W
Rated voltage	230 V ~
Rated- /No-load speed	0-510/0-1150/0-2500 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



H I J Q Wet-drill bits

D E R Dry-drill bits

Drill-bits see page 60

PowerLine

Diamond core drilling unit PLE 182

Optimized efficiency with special gearbox adjustment for powerful drilling progress

Robust full-aluminium-housing



3 | Ø 202 in brickwork

The powerful combination for hardest applications in series drilling up to Ø 202 mm

APPLICATION:

- Dry drilling in sand-lime brick, brickwork, clinker, brick and other abrasive materials
- Wet drilling in reinforced concrete, natural stone and asphalt
- Drilling operators, civil engineering, sanitary, heating and ventilation construction, other installation companies, gardening and landscaping

FEATURES:

- Electronic – soft start, over current cut-off, overload indication, cut off carbon brushes
- 3-speed oil bath gearbox – for optimal lubrication in all working positions due to the specially developed oil pump and optimal adjusted torque-speed-ratio for all diameters
- 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 levels on machine and on the carriage, scale and hole center indicator on the drill rig – exact drilling
- Collar mounting – variable machine position in the rig
- 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

SPECIFICATIONS	PLE 182
Power input	2300 W
Rated voltage	230 V ~
Rated speed	0-520/-1200/-2500 rpm
No-load speed	0-1000/-2200/-4400 rpm
Drilling diameter	wet 12-182 mm dry 12-202 mm
Spindle connection	G½" female + 1¼" male
Column length	995 mm
Hub	700 mm
Weight	21.5 kg
Order no.	0343S000
Supplied	PLD 182.1 NT + BST 182 V/S + connecting adapter, without drill bit

H I J Q Wet-drill bits

D E R Dry-drill bits

Drill-bits see page 60



Diamond core drilling unit DB 201

The compact unit for drilling up to Ø 202 mm

APPLICATION:

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

FEATURES:

- Switch with over current cut-off – protection against overloading of the motor, cut off carbon brushes
- 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



Ø 202 | 1

SPECIFICATIONS	DB 201
Power input	2500 W
Rated voltage	230 V ~
No-load speed	675 rpm
Drilling diameter	202 mm
Spindle connection	G½" female + 1¼" male
Column length	790 mm
Hub	550 mm
Weight	15.5 kg
Order no.	0B33R000
Supplied	in a box without accessories



H I J Q Wet-drill bits

Drill-bits see page 60

PowerLine

Diamond core drilling unit PL 200

NEW

The robust and powerful compact up to Ø 202 mm



APPLICATION:

- Excellent cooling due to all-aluminum housing -> thus particularly suitable for tough construction site use
- Wet drilling in reinforced concrete, natural stone and asphalt
- Sanitary, heating and ventilation construction, other plumbers, structural and civil engineering, landscaping

FEATURES:

- Space-saving, compact and robust drilling unit
- Excellent cooling due to all-aluminum housing
- Powerful, high-torque motor
- 1-speed oil bath gearbox - optimum lubrication - Stainless steel combination spindle for holding R½" and 1¼" drill bits
- Integrated water supply
- Machine switch with overload cut-off - protection against motor overload
- Shut-off carbon brushes - protection of the motor
- Mechanical safety clutch
- Drill column steplessly tiltable up to 45° with rear support

Excellent cooling
Due to all-aluminium housing

Ø 202 | 1

SPECIFICATIONS	PL 200
Power input	2600 W
Rated voltage	230 V ~
No-load speed	750 rpm
Drilling diameter max.	202 mm
Spindle connection	G½" female + 1¼" male
Column length	790 mm
Hub	550 mm
Weight	16.5 kg
Order no.	03512000
Supplied	in a box without drill bit

H I J Q Wet-drill bits

Drill-bits see page 60



Diamond core drilling unit DBE 182

The unit for drilling up to Ø 202 mm

APPLICATION:

- 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, overload indication, constant speed
- Service indicator – lights up approx. 10 working hours before the cut off carbon brushes need to be replaced
- 3-speed oil bath gearbox – for optimal lubrication in all working positions due to the specially developed oil pump and optimal adjusted torque-speed-ratio for all diameters
- 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 levels on machine and 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





SPECIFICATIONS	DBE 182
Power input	2300 W
Rated voltage	230 V ~
Rated- /No-load speed	480/1080/2350 rpm
Drilling diameter	12-202 mm (optimal 182 mm)
Spindle connection	G½" female + 1¼" male
Column length	995 mm
Hub	700 mm
Weight	20.7 kg
Order no.	03E34000
Supplied	EBM 182/3 + BST 182 V/S without drill bit

H I J Q Wet-drill bits

Drill-bits see page 60

Diamond core drilling unit DBE 250 R



The unit for drilling up to Ø 252 mm

APPLICATION:

- 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, overload indication, constant speed
- Mechanical oil bath gearbox – for optimal lubrication in all working positions due to the specially developed oil pump and optimal adjusted torque-speed-ratio for all diameters
- Mechanical safety clutch
- PUR-construction site cable – strong for heavy duty use
- Shaft seals replaceable from the outside – easy to service
- Integrated levels 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

Ø 252 | 2

SPECIFICATIONS	DBE 250 R
Power input	2500 W
Rated voltage	230 V ~
Rated- /No-load speed	360/850 rpm
Drilling diameter	52-252 mm
Spindle connection	1¼" male
Column length	995 mm
Hub	600 mm
Weight	26.0 kg
Order no.	0352I000
Supplied	EBM 250/2 RP + BST 250 without drill bit

H I J Q Wet-drill bits

Drill-bits see page 60



Diamond core drilling unit DBE 352

The powerful unit for drillings up to Ø 352 mm

APPLICATION:

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

FEATURES:

- Powerful 3000 W motor with high power reserves and a long lifetime
- Electronic – soft start, temperature control and over current cut-off, overload indication, constant speed
- Service indicator – lights up approx. 10 working hours before the cut off carbon brushes need to be replaced
- 3-speed oil bath gearbox – for optimal lubrication in all working positions due to the specially developed oil pump and optimal adjusted torque-speed-ratio for all diameters
- Mechanical safety clutch
- PUR-construction site cable – strong for heavy duty use
- Shaft seals replaceable from the outside – easy to service
- Universal tool holder – fasten the motor to the drill rig without any tools
- Integrated levels 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



3 | Ø 352

SPECIFICATIONS	DBE 352
Power input	3000 W
Rated voltage	230 V ~
Rated- /No-load speed	230/500/1030 rpm
Drilling diameter	42-352 mm
Spindle connection	1¼" male
Column length	995 mm
Hub	620 mm
Weight	35.0 kg
Order no.	03642000
Supplied	EBM 352/3 + BST 352 V without drill bit



H I J Q Wet-drill bits

Drill-bits see page 60

PowerLine

Diamond core drilling unit PLE 450



Better cooling due to new all-aluminum housing

Ø 452 | 3

The robust, powerful unit for drillings up to Ø 452 mm

APPLICATION:

- Wet drilling in reinforced concrete, natural stone and asphalt
- Drilling operators, civil engineering

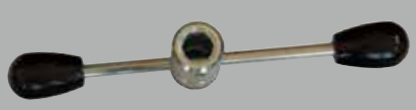
FEATURES:

- Powerful 3300 W heavy-duty motor with high power reserves and a long lifetime
- Full aluminium housing – durable and resistant
- Electronic – soft start, over current cut-off, overload indication
- 3-speed oil bath gearbox – for optimal lubrication in all working positions due to the specially developed oil pump and optimal adjusted torque-speed-ratio for all diameters
- Mechanical safety clutch
- PUR-construction site cable – strong for heavy duty use
- Shaft seals replaceable from the outside – easy to service
- Universal tool holder – fasten the motor to the drill rig without any tools
- Integrated levels 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

SPECIFICATIONS	PLE 450
Power input	3300 W
Rated voltage	230 V ~
Rated speed	150/340/700 rpm
No-load speed	230/525/1025 rpm
Drilling diameter	72-452 mm
Spindle connection	1¼" male
Column length	960 mm
Hub	620 mm
Weight	35.8 kg
Order no.	0373B000
Supplied	PLD 450.2 + PLB 450 without drill bit

H I J Q Wet-drill bits

Drill-bits see page 60



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



Diamond core drilling unit PLE 450 AS

PowerLine

NEW



The extremely powerful unit with three-phase motor up to Ø 452 mm

APPLICATION:

- Wet drilling in reinforced concrete, natural stone and asphalt
- Structural and civil engineering
- Splash-proof - suitable for vertical drilling upwards

FEATURES:

- extremely high-torque, robust, fully encapsulated 400 V three-phase water-cooled drilling motor
- oil bath gearbox
- Full metal housing
- Thermal overload protection
- Mechanical safety clutch
- Universal coupling - tool-free attachment of the motor to the column
- Integrated spirit levels on the slide and scaling on the drill column - precise working
- Drill column can be tilted in three steps (75°/60°/45°)
- Steel column - robust, stable, torsion-resistant
- Toothed bar can be changed separately - easy to service
- Compact base with recess for quick-clamping column
- Feed lever reversible right/left - easy change of operating side
- wheel axle (removable) - easy transport

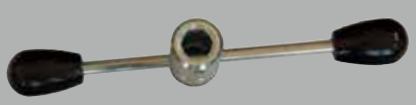


SPECIFICATIONS	PLE 450 AS
Power input	5200 W
Rated voltage	400 V 3~
Rated- /no-load speed	130/290/460 rpm
Drilling diameter	92-452 mm
Spindle connection	1¼"
Column length	995 mm
Hub	620 mm
Weight	52.0 kg
Order no.	0373N000
Supplied	PLD 450 AS + PLB 450, without drill bit



H I J Q Wet-drill bits

Drill-bits see page 60



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

Drill rig "Bohrwurm" EBW 1300

Patented System



Reducing ring
(see accessories page 58)

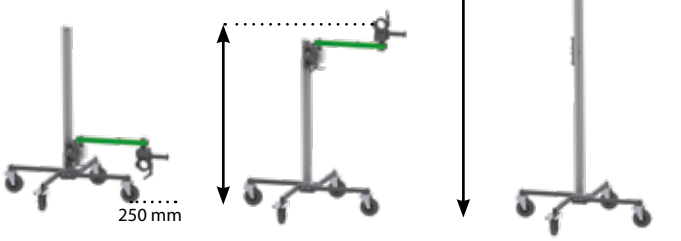
Ø 60 - Ø 53 mm
Ø 60 - Ø 46 mm
Ø 60 - Ø 43 mm

Order also if required!

Accessories:



Column extension
Working height 1300-2300 mm



Body-friendly drilling with low risk potential

APPLICATION:

- Low-fatigue and relaxed drilling
- Reduces accident potential to a minimum - prevents hand/arm injuries in case of blocking
- For EIBENSTOCK diamond core drills as well as core drills and hammer drills of various manufacturers with max. 60 mm clamping collar
- Sanitary, heating and ventilation construction, electrical installer building construction and civil engineering, drilling companies, machine rental

FEATURES:

- No assembly damage to the wall as with "conventional" drill stands
- Short set-up times, even for high bores
- High efficiency for series drilling at the same height
- Easy and space-saving transport
- Flexible, stepless adjustment of drilling height by crank feed
- Mechanical lock between carriage and column enables safe lowering of the machine incl. drill bit and drill core
  * with accessories column extension
- Easy and space-saving transport

SPECIFICATIONS	EBW 1300
Working height	250-1300 mm
Max. clamping collar diameter	max. 60 mm
Weight	24.5 kg
Order no.	09655000
Suplied	in a box
Accessories	**Column extension**
Working height	1300-2300 mm
Weight	4.5 kg
Order no.	3582G000



Accurate drilling



Ventilation holes up to 2.30 m height with column extension

Up-Side-Down – Telescopic drill rig USD 182

NEW

The universal drill rig for drilling in ceiling, floor and wall up to Ø 182 mm

APPLICATION:

- No mounting damage to the wall, as with "conventional" drill stands, fast and without dowels.
- For EIBENSTOCK diamond core drills as well as core drills of various manufacturers with max. 60 mm clamping neck
- Sanitary, heating and ventilation construction, electrical installer building construction and civil engineering, drilling companies, machine rentals

FEATURES:

- Drill rig can, by means of telescopic tripod system, be clamped between floor and ceiling
- Drilling in floor, wall and ceiling possible (stable, solid ceiling is required)
- In case of unstable ceilings, the USD 182 can also be mounted by means of dowel fastening
- Flexible, stepless adjustment of the drilling height by crank feed

Reducing ring
(see accessories page 58)

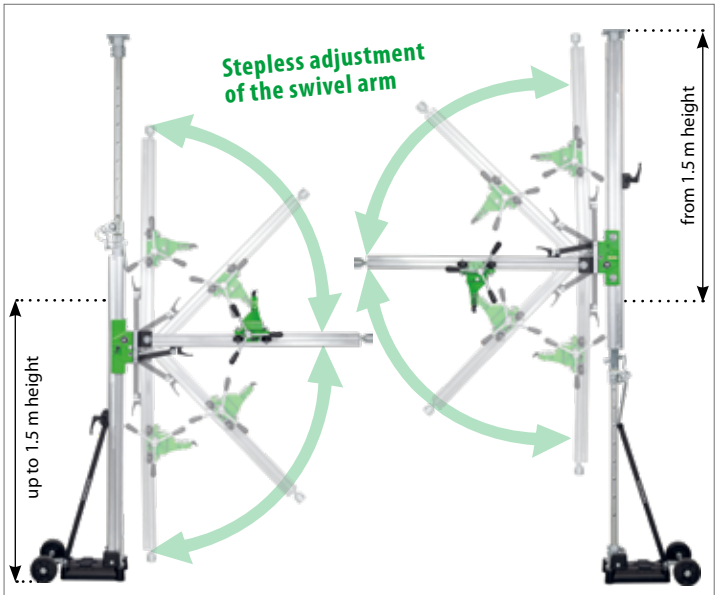
- Ø 60 - Ø 53 mm
- Ø 60 - Ø 46 mm
- Ø 60 - Ø 43 mm

Order also if required!

SPECIFICATIONS	USD 182
Working height (telescope length)	3018 mm
max. drilling diameter	182 mm
Max. clamping collar diameter	max. 60 mm
usable angle adjustment	180 °
Weight	39.9 kg
Order no.	096U1000
USD 182 with feed lever, hexagon socket wrench	



Vertical drilling:
Machine fixture is mounted directly on column



For drilling holes in the floor and wall, up to an overall height of 1.5 m, the toothed column must be mounted at the base.

For drilling in ceiling and wall, from a height of 1.5 m, the quick-action clamping column must be mounted on the base.







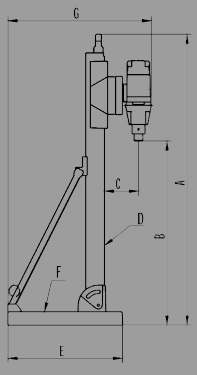


DRILL RIGS



Model	BST 50 V	BST 90	KBS 250	BST 162 H
max. drilling-Ø bei 90°	68 mm	102 mm 42 mm (Vacuum)	250 mm (Brickwork)	202 mm
Column lenght (other lengths on request)	360 mm	680 mm	850 mm	860 mm
max. angle of inclination	–	up to 45° - stepless	–	up to 45° - stepless
Weight	7.3 kg	7.0 kg	7.8 kg	10.5 kg
Mounting on substrate	2 suction feet (manual)	Dowel/Vacuum (Vacuumset neccessary -Accessories) 240 x 170 mm	Dowel 222 x 175 mm	Dowel 222 x 175 mm
Order no.	09645000	09629000	09648000	0963W000
Supplied	in a box incl. allen wrench	in a box incl. Allen key	in a box	in a box incl. Allen key
Machine mounting	Collar mounting Ø 53 mm  Swivel range 360° horizontal	Collar mounting Ø 53 mm 	Collar mounting Ø 53 mm; Ø 60 mm 	Collar mounting Ø 60 mm 
Option				
Accessories	- with support at the back			- with support at the back

Dimensions in mm	DBE 162	PLE 182	DB 201	PL 200	DBE 182	DBE 250 R	DBE 352	PLE 450
A	1050	1050	855	890	1050	1040	1030	1116
B	700	830	530	580	700	685	620	600
C	130	120	120	120	130	195	200	240
D	46 x 60	46 x 60	46 x 60	46 x 60	46 x 60	70 x 70	60 x 75	60 x 60
E	330	330	225	320	330	430	400	294
F	250	250	170	240	250	330	310	194
G	510	500	370	410	510	590	600	570
Power input	2200 W	2300 W	2500 W	2500 W	2300 W	2500 W	3000 W	3300 W
max. drill-ø	**162 mm**	**182 mm**	**202 mm**	**202 mm**	**202 mm**	**252 mm**	**352 mm**	**452 mm**





BST 182 V/S	**BST 250**	**BST 352 V**	***PowerLine* PLB 450**	***PowerLine* PLB 450.1 G**
202 mm	252 mm	352 mm	452 mm	452 mm
995 mm	995 mm	995 mm	960 mm	960 mm
adjustable up to 45° - stepless	adjustable up to 45° - stepless	adjustable up to 45° - stepless	75°/60°/45°	75°/60°/45°
14.0 kg	15.5 kg	22.5 kg	27.0 kg	26.0 kg
Dowel/Vacuum (Vacuumset neccessary -Accessories) 330 x 250 mm	Dowel 430 x 330 mm	Dowel/Vacuum (Vacuumset neccessary -Accessories) 400 x 310 mm	Dowel 295 x 195 mm	Dowel 295 x 195 mm
09646000	09631000	09647000	0962M000	09656000
in a box incl. Allen key	in a box incl. Allen key	in a box incl. Allen key	in a box incl. Allen key	in a box incl. Allen key
Quick pick-up system	Universal clutch	Universal clutch	Universal clutch	Universal clutch
				
-Connecting adapter Ø 60 mm, s. p. 58	-Connecting adapter Ø 60 mm, s. p. 58	-Connecting adapter Ø 60 mm, s. p. 58	-Connecting adapter Ø 60 mm, s. p. 58	-Connecting adapter Ø 60 mm, s. p. 58
- with support at the back		- with support at the back	- steel column robust, stable, torsion-resistant - exchangeable toothed column - with support at the back - all adjusting and clamping elements with 19 mm wrench size	**– Integrated fine feed 1:3** - exchangeable toothed column - with support at the back - all adjusting and clamping elements with 19 mm wrench size

PowerLine PLB 450.1 G

The drill rig with gearbox with integrated fine feed 1:3 for better feed control and fatigue-free drilling.

Drill stands and diamond core drilling units
ACCESSORIES

		BST 125 V	BST 90	KBS 250	BST 162 H	BST 182 V/S	BST 250	BST 352 V	PLB 450	PLB 450.1 G	DBE 162	PLE 182	DB 201	PL 200	DBE 182	DBE 250	DBE 352	PLE 450	PLE 450 AS
Core drilling motor ETN 162/3	03E31000					x					x								
Core drilling motor PLD 182.1 NT	0343X000				x	x						x							
Core drilling motor EBM 182/3	03E33000					x									x				
Core drilling motor EBM 250/2 RP	0352H000						x	(x)	(x)	(x)						x			
Core drilling motor EBM 352/3	03641000						(x)	x	(x)	(x)							x		
Core drilling motor PLD 450.2	0373G000						(x)	(x)	x	x								x	
Core drilling motor PLD 450 AS	0373H000								x	x									x
Copper ring 1¼"	35450000				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Slider quick release ring 1¼"	35652000				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Dust extraction 1¼" i-1¼" a	35231000				x	x	x						x	x	x	x	x	x	
Fastening set concrete/stone	35720000		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Dowel for concrete/stone	35722000		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tightening screw	35721000		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Fastenig set brickwork	35724000		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Dowel for brickwork	35725000		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Quick release column	35730000		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Wheel axle	3582B000					x					x	x			x				
Wheel axle	3582C000						x									x			
Water tank 5 l	35811000	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Water tank 10 l	35812000	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Universal-suction ring UAR 162 G	35876000	up to Ø 162 mm																	
Universal-suction ring UAR 252 G	3586P000	up to Ø 252 mm																	
Water suction ring WR 300	35879000						x									x			
Water suction ring WR 352	35873000							x									x		
Spare seal ED 152	3586A000												x	x					
Spare seal ED 202	3586K000					x					x	x			x				
Spare seal ED 300	35868000						x									x			
Spare seal ED 352	3586L000							x	x	x							x	x	
Industrial vacuum cleaner ESS 35 MP	09932000		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Vacuum plate	35851000			x									x	x					
Vacuum set	35854000		x																
Vacuum set	3585F000					x					x	x			x				
Vacuum set	3585G000							x									x		
Vacuum hose	35855000		x	x	x	x	x	x			x	x	x	x	x	x	x		
Vakuum pump VP 04	09204000		x	x	x	x	x	x			x	x	x	x	x	x	x		
Sharpening block	35910000	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Sharpening plate	35913000	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Reducing ring Ø 60 - Ø 43 mm	35821000	x		x	x														
Reducing ring Ø 60 - Ø 46 mm	35825000	x			x														
Reducing ring Ø 60 - Ø 53 mm	35820000	x		x	x														
Connecting adapter universal tool holder/collar Ø 60 mm	35829000					x	x	x	x	x		x							
Drill bit remover 1 ¼" + ½"	35656000								x	x	x	x	x	x	x	x	x	x	x
Drill bit-, Dowel remover set ½"	35657000								x	x	x	x	x	x	x	x	x	x	x
Flow indicator	35819000								x	x	x	x	x	x	x	x	x	x	x

(x) limited suitabillity

A Diamond core drilling units ACCESSORIES



Quick release column
1.7-3 m Hub

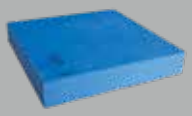
H I J **Diamond drill bits and drill bit extensions**
see page 60



e.g. 1¼", Ø 47 mm x 500 mm



Sharpening block
200 x 100 x 50 mm



Sharpening plate
320 x 320 x 55 mm



Wheel axle
for BST 182 V/S, BST 250

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

Slider quick release ring 1¼"
for drill bits
1 piece



Tightening screw
with wing nut, washer,
1 dowel M 12, Ø 16 mm

Dust extraction 1¼" f-1¼" m

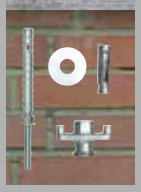




Fastening set concrete/stone
10 dowels M12, Ø 16 mm,
tightening screw,
wing nut, washer,
1 punch bolt

Water tank
5 l plastic
incl. 4.0 m hose
with Gardena-Connector





Fastening set brickwork
dowel M 12, Ø 20 mm,
tightening screw,
wing nut, washer

10 l metal
incl. 3.5 m hose
with Gardena-Connector





Flow indicator
the rotating impeller indicates the water flow

Dry drilling



Drill bit remover
Detaching the drill bit from the drill core



Water suction ring



Universal suction ring
UAR 162 G



Spare seal
for Water suction ring



Universal suction ring
UAR 252 G



Vacuum plate
for KBS 250



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



Vacuum hose
Length 3 m



Industrial vacuum cleaner



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

	Diameter	Usable length	Segments	Order no.
	Drill bit for socket outlets M 16 – dry – brickwork, sand-lime brick			
A	Ø 68 mm	70 mm	3	35473000
A	Ø 82 mm	70 mm	5	35471000
B	Ø 68 mm	70 mm	3	35474000
B	Ø 82 mm	70 mm	5	35472000
C	Ø 68 mm	70 mm	3	35475000
C	Ø 82 mm	70 mm	5	35476000
	Drill bit for socket outlets M 16 – dry –hard sand-lime brick			
C	Ø 82 mm	70 mm		35478000
	Diamond dry drill bits 1¼" – brickwork, sand-lime brick			
D	Ø 82 mm	200 mm	5	36A08200
D	Ø 112 mm	200 mm	5	36A11200
D	Ø 132 mm	200 mm	6	36A13200
D	Ø 152 mm	200 mm	6	36A15200
D	Ø 162 mm	200 mm	7	36A16200
D	Ø 172 mm	200 mm	7	36A17200
D	Ø 182 mm	200 mm	8	36A18200
D	Ø 202 mm	200 mm	10	36A20200
D	Ø 225 mm	200 mm	12	36A22500
D	Ø 250 mm	200 mm	12	36A25000
E	Ø 52 mm	420 mm	3	36505200
E	Ø 62 mm	420 mm	3	36506200
E	Ø 72 mm	420 mm	4	36507200
E	Ø 82 mm	420 mm	5	36508200
E	Ø 102 mm	420 mm	5	36510200
E	Ø 112 mm	420 mm	5	36511200
E	Ø 122 mm	420 mm	6	36512200
E	Ø 127 mm	420 mm	6	36512700
E	Ø 132 mm	420 mm	6	36513200
E	Ø 152 mm	420 mm	6	36515200
E	Ø 162 mm	420 mm	7	36516200
E	Ø 172 mm	420 mm	7	36517200
E	Ø 182 mm	420 mm	8	36518200
E	Ø 202 mm	420 mm	10	36520200
	Diamond dry drill bits 1½" – reinforced concrete, sand-lime brick			
F	Ø 82 mm	350 mm	7	36S08200
F	Ø 102 mm	350 mm	6	36S10200
F	Ø 112 mm	350 mm	7	36S11200
F	Ø 132 mm	350 mm	7	36S13200
F	Ø 162 mm	350 mm	8	36S16200
F	Ø 182 mm	350 mm	8	36S18200
F	Ø 200 mm	350 mm	8	36S20000
F	Ø 250 mm	350 mm	8	36S25000
	Diamond dry drill bits M 16 – reinforced concrete, sand-lime brick			
G	Ø 52 mm	150 mm	7	36S05100
G	Ø 68 mm	150 mm	10	36S06700
G	Ø 82 mm	150 mm	11	36S08100
	Diamond wet drill bits R½" – reinforced concrete, brickwork			
H	Ø 10 mm	300 mm	Ring	36201000
H	Ø 12 mm	300 mm	Ring	36201200
H	Ø 14 mm	300 mm	Ring	36201400
H	Ø 16 mm	300 mm	Ring	36201600
H	Ø 18 mm	300 mm	Ring	36201800
H	Ø 20 mm	300 mm	Ring	36202000
H	Ø 25 mm	300 mm	Ring	36202500
H	Ø 31 mm	300 mm	Ring	36203100
	Ø 38 mm	420 mm	Ring	36203800
	Ø 41 mm	420 mm	4	36204100
	Ø 51 mm	420 mm	5	36205100
	Diamond wet drill bits 1¼" – reinforced concrete, brickwork			
J	Ø 166 mm	140 mm	12	36B16600
J	Ø 200 mm	140 mm	14	36B20000
J	Ø 41 mm	450 mm	4	36304100
J	Ø 51 mm	450 mm	5	36305100
J	Ø 61 mm	450 mm	6	36306100
J	Ø 71 mm	450 mm	6	36307100
J	Ø 81 mm	450 mm	7	36308100
J	Ø 91 mm	450 mm	8	36309100
J	Ø 101 mm	450 mm	9	36310100
J	Ø 106 mm	450 mm	9	36310600
J	Ø 111 mm	450 mm	9	36311100
J	Ø 121 mm	450 mm	10	36312100
J	Ø 126 mm	450 mm	10	36312600
J	Ø 131 mm	450 mm	10	36313100
J	Ø 141 mm	450 mm	11	36314100
J	Ø 151 mm	450 mm	11	36315100
J	Ø 161 mm	450 mm	12	36316100
J	Ø 171 mm	450 mm	12	36317100
J	Ø 181 mm	450 mm	13	36318100
J	Ø 201 mm	450 mm	14	36320100
J	Ø 211 mm	450 mm	15	36321100
J	Ø 225 mm	450 mm	15	36322500
J	Ø 250 mm	450 mm	16	36325000
J	Ø 257 mm	450 mm	16	36325700
J	Ø 300 mm	450 mm	24	36330000
J	Ø 350 mm	450 mm	28	36335000
J	Ø 400 mm	450 mm	32	36340000
J	Ø 450 mm	450 mm	33	36345000

SOFT IMPACT

	Diameter	Usable length	Segments	Order no.
	Diamond wet full drill bits M 12 – concrete, tiles			
K	Ø 6 mm	150 mm		36120600
K	Ø 8 mm	150 mm		36120800
K	Ø 10 mm	150 mm		36121000
K	Ø 12 mm	150 mm		36121200
L	Ø 3,5 mm	60 mm		36110300
L	Ø 5 mm	60 mm		36110500
L	Ø 6 mm	60 mm		36110600
L	Ø 8 mm	60 mm		36110800
L	Ø 10 mm	60 mm		36111000
L	Ø 12 mm	60 mm		36111200
	Diamond wet hollow drill bits M 12 – stoneware, natural stone			
M	Ø 6 mm	60 mm	Ring	36130600
M	Ø 8 mm	60 mm	Ring	36130800
M	Ø 10 mm	60 mm	Ring	36131000
M	Ø 12 mm	60 mm	Ring	36131200
M	Ø 14 mm	60 mm	Ring	36131400
M	Ø 16 mm	60 mm	Ring	36131600
M	Ø 18 mm	60 mm	Ring	36131800
	Diamond wet drill bits R½" – tiles, stoneware, natural stone			
N	Ø 22 mm	40 mm	Ring	38102200
N	Ø 30 mm	40 mm	Ring	38103000
N	Ø 35 mm	40 mm	Ring	38103500
N	Ø 40 mm	40 mm	Ring	38104000
N	Ø 45 mm	40 mm	Ring	38104500
N	Ø 50 mm	40 mm	Ring	38105000
N	Ø 55 mm	40 mm	Ring	38105500
N	Ø 60 mm	40 mm	Ring	38106000
N	Ø 63 mm	40 mm	Ring	38106300
N	Ø 68 mm	40 mm	Ring	38106800
N	Ø 76 mm	40 mm	Ring	38107600
N	Ø 82 mm	40 mm	Ring	38108200
N	Ø 102 mm	40 mm	Ring	38110200
N	Ø 122 mm	40 mm	Ring	38112200
	Diamond wet drill bits R½" – natural stone			
	Ø 25 mm	150 mm	Ring	36C02500
	Ø 51 mm	150 mm	Ring	36C05100
	Diamond dry drill bits, M 14 (EFB 68)			
P	Ø 20 mm	60 mm	Ring	38202000
P	Ø 35mm	60 mm	Ring	38203500
P	Ø 40 mm	60 mm	Ring	38204000
P	Ø 50 mm	60 mm	Ring	38205000
P	Ø 68 mm	60 mm	Ring	38206800
	Diamond dry drill bits-set, M 14 (EFB 68)			
	Ø 35, 40, 50, 68 mm	60 mm	Ring	38200100
	Diamond drill bits *PowerLine*			
Q	Ø 42	450 mm	5	36E04200
Q	Ø 52	450 mm	5	36E05200
Q	Ø 62	450 mm	6	36E06200
Q	Ø 72	450 mm	6	36E07200
Q	Ø 82	450 mm	7	36E08200
Q	Ø 92	450 mm	8	36E09200
Q	Ø 102	450 mm	9	36E10200
Q	Ø 107	450 mm	9	36E10700
Q	Ø 112	450 mm	9	36E11200
Q	Ø 122	450 mm	10	36E12200
Q	Ø 127	450 mm	10	36E12700
Q	Ø 132	450 mm	10	36E13200
Q	Ø 152	450 mm	11	36E15200
Q	Ø 162	450 mm	12	36E16200
Q	Ø 182	450 mm	13	36E18200
Q	Ø 202	450 mm	14	36E20200
Q	Ø 250	450 mm	16	36E25000
Q	Ø 300	450 mm	22	36E30000
	Diamond-drill bits Multi-Material *TIMBER-PRO (no concrete)*			
R	Ø 68	350 mm	6	36W06800
R	Ø 82	350 mm	7	36W08200
R	Ø 102	350 mm	10	36W10200
R	Ø 122	350 mm	10	36W12200
R	Ø 162	350 mm	13	36W16200
R	Ø 182	350 mm	14	36W18200
	Drill bit extensions R½" for drill bits from Ø 31 mm			
	Ø 30 mm	300 mm		35463000
	Drill bit extensions 1¼" for drill bits from Ø 51 mm			
	Ø 47 mm	200 mm		35452000
	Ø 47 mm	300 mm		35453000
	Ø 47 mm	400 mm		35454000
	Ø 47 mm	500 mm		35455000

NEW

Tile drilling machine EFB 68

The precise and low-dust Tile drilling machine

APPLICATION:
- Dry drilling of granite, tiles and slabs of ceramic materials and natural stone
- Production of drillings for fittings and pipe penetrations, built-in lights, switches, etc.
- Tiler, natural stone company

FEATURES:
- Exact positioning of the machine by support hood + LED light
- Electronic - soft start, speed control



Ø 68

DUST PROTECTION SYSTEM

Mineral dust may cause cancer!

SPECIFICATIONS	EFB 68
Power input	1400 W
Rated voltage	230 V ~
Rated- /No-load speed	3000-10000 rpm
Drilling diameter	20-68 mm
Spindle connection	M 14 male
Weight	3.5 kg
Order no.	0662H000
Supplied	in a box, adapter M14i-M14a (28 mm Usable length), without drill bit

A Tile drilling machine EFB 68 ACCESSORIES

P



Diamond dry drill bits, M 14

Ø	Usable Length	Segments	Order no.
20 mm	35 mm	Ring	38202000
35 mm	35 mm	Ring	38203500
40 mm	35 mm	Ring	38204000
50 mm	35 mm	Ring	38205000
68 mm	35 mm	Ring	38206800



Diamond dry drill bits Set, M 14

35, 40, 50, 68 mm	35 mm	Ring	38200100



Foam ring

Ø 149 mm			38011000





Protection of the user against dangerous mineral dust by suction, in comparison to conventional methods with angle grinder



Exact positioning of the machine by supporting hood & LED light



Precise drilling due to non-slip foam material no slipping of the drill bit

Tile drilling machine EFB 152 PX



Ø 120

Precise drilling with minimum effort

APPLICATION:
- 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 regulation 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	1150 W
Rated voltage	230 V ~
Rated- /No-load speed	250-1000 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 incl. assembly tools, without drill bit without quick change adapter



A Tile drilling machine ACCESSORIES

N 	Diamond wet drill bits G½" see page 49 max. drilling depth 40 mm for tiles, stoneware, natural stone	
	Folding table with board B 400 x L 600 x H 850 mm	37473000
	Sharpening block 200 x 100 x 50 mm	35910000
	Quick change adapter	38004000
	Quick change attachment	38006000
	Sharpening plate 320 x 320 x 55 mm	35913000



MIXING







Model	Page	Max. basket diameter	Spindle connection	Power input	Rated speed
EHR 14.1 SK **07753000** 	68	120 mm	M 14 female	960 W	0-390 rpm
EHR 15.2 SB **077E5000** 	68	120 mm	M 14 female	1050 W	0-450 rpm
EHR 18.1 S **077E1000** 	69	120 mm	M 14 female	1100 W	0-450 rpm
EHR 20.1 R **07742000** 	69	140 mm	M 14 female	1300 W	250-580 rpm
EHR 20/2.6 S **077E2000** 	70	140 mm	M 14 female	1300 W	0-250/ 0-450 rpm
EHR 23/2.5 S **077E3000** 	70	180 mm	M 14 female	1800 W	0-250/ 0-580 rpm
EHM 162 S Set **07779000** 	71	180 mm	M 14 female	2000 W	0-430 rpm
EZR 24 R R/L **0774W000** 	71	230 mm	Special	1800 W	180-440 rpm
TwinMix 1800 T **07623000** 	74	–	M 14/Special	1800 W	250/450 rpm 20/36 rpm
FloorMix 2300 **07625000** 	76	–	M 16 female	2300 W	70/130/160/ 280 rpm
Automix 1801 **07614000** 	78	–	M 20 female	1500 W	50 rpm
Automix 90 **07617000** 	78	–	M 20 female	1500 W	50 rpm



Housing – polyamide

reinforced fibre glass - light and robust

Cap*

labyrinth-guide – protection against dust, dirt, stones etc.

Electronic switch

dust protected* – soft start to regulate speed for less splashing (acceleration function)

Motor – powerful, durable

Metal H-handle*

robust, easy to put down, convenient handle

Damping and protection elements*

protection against damage

PUR-construction site cable*

for heavy duty use

Handles*

ergonomic trapezium design – wide handle distance, comfortable, safe guiding

2-speed gearbox*

durable

Thread connection

ideal power transmission due to M 14 thread connection, high concentricity, for easy paddle change

** not present on all models*

FEATURES OF STIRRERS

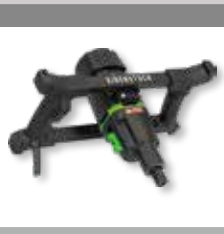
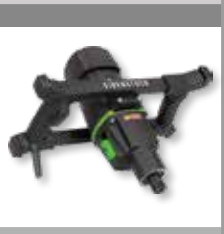
From the small, handy mixer up to the mobile mixing station. Our reliable, well made, durable and easy to use EIBENSTOCK mixing range has something for everyone in the plastering, painting and masonry trades.

We offer a quick change paddle adaptor with M14 thread for the entire range as an accessory.

Stirrers and stirring rods

Type	EHR 14.1 SK	EHR 15.2 SB	EHR 18.1 S	EHR 20.1 R
				
	max. 120 ⌀1	max. 120 ⌀1	max. 120 ⌀1	max. 150 ⌀1
Applications	**30 kg** (max)	**40 kg** (max)	**40 kg** (max)	**50 kg** (max)
Color/varnish Stirrer type	SG 120 RG 120	SG 120 RG 120	SG 120 RG 120	SG 120 RG 120
Glue/Paste Stirrer type	RG 120 LG 120	RG 120 LG 120	RG 120 LG 120	RG 120 LG 120
Filler Stirrer type	WG 120 MG 120	WG 120 MG 120	WG 120 MG 120	WG 135 MG 140
Tile adhesive Stirrer type	WG 120 MG 120	WG 120 MG 120	WG 120 MG 120	WG 135 MG 140 SPG 150
Leveling compound, mortar Stirrer type		WG 120 MG 120	WG 120 MG 120	WG 135 MG 140 SGR150
Plaster Stirrer type		WG 120 MG 120	WG 120 MG 120	WG 135 MG 140
Screed Stirrer type			WG 120 MG 120	WG 135 MG 140
Concrete Stirrer type			MG 120	MG 140
Coating-2K material Stirrer type				
Sealing compound Stirrer type				

Stirrer Type	S, SGR 150	R	W	M
				
	Disc stirrer, galvanized	Circular stirrer, galvanized	Spiral stirrer, galvanized	Mortar stirrer, galvanized

EHR 20/2.6 S	EHR 23/2.5 S	EHM 162 S	EZR 24 R R/L
			
max. 150 ⩵2	max. 180 ⩵2	max. 180 ⩵1	max. 230 ⩵1
50 kg (max)	**80 kg** (max)	**80 kg** (max)	**80 kg** (max)
SG 120	SG 150	SGR 150	Z 200
RG 120	RG 120	RG 120	
RG 120	RG 120	RG 120	Z 200
LG 120	LG 120	LG 120	
WG 135	WG 160	WG 160	Z 220
MG 140	MG 140	MG 140	Z 230
WG 135	WG 160	WG 160	Z 220
MG 140	MG 160	MG 160	Z 230
SPG 150	SPG 150	SPG 150	
WG 135	WG 160	WG 160	Z 220
MG 140	MG 160	MG 160	Z 230
SGR150	SGR150	SGR150	
WG 135	WG 160	WG 160	Z 220
MG 140	MG 160	MG 160	Z 230
WG 135	WG 160	WG 160	Z 220
MG 140	MG 160	MG 160	Z 230
MG 140	MG 140	MG 160	Z 220
	MG 160	MG 180	Z 230
	MG 180		
WG 135	WG 160	WG 160	Z 220
RPG 160	RPG 160	RPG 160	Z 230
RG 120	RG 120	RG 120	Z 220
			Z 230



Wide, ergonomic frame handles in trapezoidal shape and balanced center of gravity

- Easy, balanced guiding of the machine, greater leverage



Polyurethane damping and protection elements

– Protection of the machine and the ground in the event of an accidental fall

LG	SPG	RP	Z200	Z 220	Z 230
					
Glue stirrer, galvanized	**Putty mixer, galvanized**	**Stirring paddle, galvanized**	**Special stirrer, galvanized**	**Special stirrer, galvanized**	**Special stirrer, galvanized**

Stirrer
EHR 14.1 SK Set



max. 120 | 1

The lightweight up to 30 kg

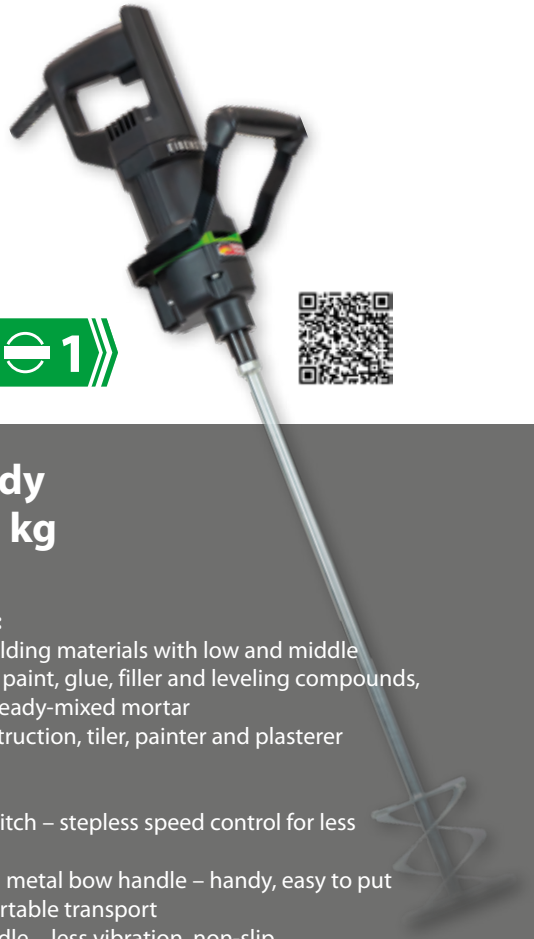
APPLICATION:
- Mixing of building materials with low viscosity, e.g. paint, glue, filler and leveling compounds, tile cement
- Drywall construction, tiler, painter and plasterer

FEATURES:
- Electronic switch – stepless speed control for less splashing
- Large handles – effortless working
- Twise handling – comfortable mixing

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



Stirrer
EHR 15.2 SB Set



max. 120 | 1

The handy up to 40 kg

APPLICATION:
- 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 control for less splashing
- Space-saving metal bow handle – handy, easy to put down, comfortable transport
- Soft grip handle – less vibration, non-slip

SPECIFICATIONS	EHR 15.2 SB SET
Power input	1050 W
Rated voltage	230 V ~
Rated speed	0-450 rpm
No-load speed	0-800 rpm
Max. basket diameter	120 mm
Spindle connection	M 14 female
Weight	3.1 kg
Order no.	077E5000
Supplied	in a box incl. stirring rod WG 120



Stirrer EHR 18.1 S Set



max. 120 | 1

The universal up to 40 kg

APPLICATION:
- 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:
- Dust protected electronic switch – stepless speed control for less splashing
- Cap with labyrinth-guide
- Damping and protection elements

SPECIFICATIONS	EHR 18.1 S SET
Power input	1100 W
Rated voltage	230 V ~
Rated speed	0-450 rpm
No-load speed	0-800 rpm
Max. basket diameter	120 mm
Spindle connection	M 14 female
Weight	4.1 kg
Order no.	077E1000
Supplied	in a box incl. stirring rod WG 120



Stirrer EHR 20.1 R Set



max. 150 | 1

The perfect adjustable up to 50 kg

APPLICATION:
- 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:
- Dust protected switch – 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
- Damping and protection elements

SPECIFICATIONS	EHR 20.1 R SET
Power input	1300 W
Rated voltage	230 V ~
Rated- /No-load speed	250-580 rpm
Max. basket diameter	150 mm
Spindle connection	M 14 female
Weight	4.9 kg
Order no.	07742000
Supplied	in a box incl. stirring rod MG 140



Stirrer
EHR 20/2.6 S Set



max. 150 | 2

The versatile up to 50 kg

APPLICATION:
- 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:
- Dust protected electronic switch – stepless speed control for less splashing
- 2-speed gearbox – the right speed for every application
- Cap with labyrinth-guide
- Damping and protection elements

SPECIFICATIONS	EHR 20/2.6 S SET
Power input	1300 W
Rated voltage	230 V ~
Rated speed	0-250/0-450 rpm
No-load speed	0-400/0-730 rpm
Max. basket diameter	150 mm
Spindle connection	M 14 female
Weight	5.1 kg
Order no.	077E2000
Supplied	in a box incl. stirring rod MG 140



Stirrer
EHR 23/2.5 S Set



max. 180 | 2

The powerful up to 80 kg

APPLICATION:
- 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:
- Dust protected electronic switch – stepless speed control for less splashing
- 2-speed gearbox – the right speed for every application
- Cap with labyrinth-guide
- Damping and protection elements

SPECIFICATIONS	EHR 23/2.5 S SET
Power input	1800 W
Rated voltage	230 V ~
Rated speed	0-250/0-580 rpm
No-load speed	0-440/0-970 rpm
Max. basket diameter	180 mm
Spindle connection	M 14 female
Weight	6.9 kg
Order no.	077E3000
Supplied	in a box incl. stirring rod MG 160



Stirrer
EHM 162 S Set



max. 180 | 1

The robust up to 80 kg

APPLICATION:
- 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:
- powerful engine
- side handle (can be used on both sides) - safe handling of highly viscous material
- electronic switch – stepless speed control for less splashing
- Space-saving metal bow with soft grip handle handy, vibration damping, non-slip, easy to lay down, convenient to transport

SPECIFICATIONS	EHM 162 S SET
Power input	2000 W
Rated voltage	230 V ~
Rated speed	0-430 rpm
No-load speed	0-800 rpm
Total diameter rods	180 mm
Spindle connection	M 14 female
Weight	6.0 kg
Order no.	07779000
Supplied	in a box incl. stirring rod MG 160



Contra twin stirrer
EZR 24 R R/L Set



230 | 1

Mixing of most difficult and multi-component materials up to 80 kg

APPLICATION:
- 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
- Speed regulation and constant speed

SPECIFICATIONS	EZR 24 R R/L SET
Power input	1800 W
Rated voltage	230 V ~
Rated- /No-load speed	180-440 rpm
Total diameter rods	230 mm
Spindle connection	Special
Weight	7.1 kg
Order no.	0774W000
Supplied	in a box incl. stirring rods Z 230





- **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 – protection of the user

Draught-bar

Integrateded transport cart with draught-bar– mobile use of the bucket

Transport rollers

for mobile use

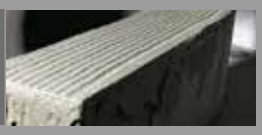
** not present on all models*

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 Stations & Stirrers
Overview

Type	Automix 1801	Automix 90	TwinMix 1800 T	FloorMix 2300
				
Application areas	**50 kg** (max)	**80 kg** (max)	**50 kg** (max)	**150 kg** (max)
Leveling compound Stirrer type			1 / 2	6
Flowing screed Stirrer type			1 / 2	6
Tile adhesive Stirrer type		3	5	1 / 2
Thin bed mortar Stirrer type		3	5	1 / 2
Ready - mortar Stirrer type		3	5	1 / 2
Ready - plaster Stirrer type		4	5	1 / 2
Screed Stirrer type		4	5	1 / 2
Beton Stirrer type		4	5	1 / 2
Coating - 2K Stirrer type			1 / 2	
Sealing compound Stirrer type			1 / 2	

Stirrer	1	2	3	4	5	6
						
	Stirring paddle for TwinMix 1800 T	**Stirrer Universal** for TwinMix 1800T	**Stirring paddle** for Automix 1801	**Special stirrer** for Automix 1801	**Special stirrer** for Automix 90	**Special stirrer** for FloorMix 2300

Mixing station TwinMix 1800 T

Patented system

Innovative drive solution: one motor – two contra rotating mixing tools





Timer for setting the requested mixing time (accessory)

50 kg

The mobile station for thorough mixing with a wide range of application

APPLICATION:

- Homogeneous and lump free mixing of numerous materials with different viscosity
- Especially convenient for the mixing of self-levelling floor levelling compounds, plaster, thin-bed mortar, fillers
- Building construction and civil engineering, landscaping, floor renovators, tilers

FEATURES:

- Mixing paddle with scraper – avoids material deposits on the bucket rim and ensures together with a fast running inner rod a better mixing
- Two electronic speed levels – start mixing function with reduced speed
- Transport carriage with handles and big wheels – mobile use of the station at the construction sites, also at rough terrain
- Robust universal motor – very high pulling power
- Electronic – soft start, constant speed, temperature control and over current cut-off
- Switch with dust protection and protection against re-start
- Safety Switch – cut-off in case of opening the hood, protection of the operator
- Connection for dust exhaust Ø 35 mm as well as funnel tube with brushes – dust reduced filling and mixing of the materials
- Tipper (accessory) especially designed for clean and precise pouring of self-levelling filler and levelling compounds
- Mixing carriage (supplied) can be used separate from the station – flexible and mobile at the job site

SPECIFICATIONS	TWINMIX 1800 T
Power input	1800 W
Rated voltage	230 V ~
Rated- /No-load speed mixing rod	250/450 rpm
Rated- /No-load speed mixing paddle	20/36 rpm
Bucket size	65 l
Spindle connection	M 14/Special
Weight	70.0 kg
Order no.	07623000
Supplied	on a pallet incl. mixing rod, mixing paddle, bucket 65 l and transport carriage

ACCESSORIES



Transport carriage with 2 big wheels
Order no.: 09Z11000



Timer for TwinMix 1800 T
Order no.: 32352000



Bucket 65 l
Order no.: 32341000



VERSATILE APPLICATION POSSIBILITIES


masonry mortar


thin-bed mortar


plaster


floating screed


tile cement


two-component materials


insulation board adhesive


screed


filler

Health protecting mixing (dust reduced construction site, especially in the interior)

➪ Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner! For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!











Mixing station FloorMix 2300

The mobile station with a large mixing volume up to 150 kg for high surface performance

Robust, powerful 2300 W motor – very high performance



Four speed settings by 2-speed gearbox AND two electronic speed levels – optimal mixing results

150 kg

APPLICATION:

- Homogeneous and lump free mixing of floating screed, leveling fillers, fiber-reinforced fillers, colored coatings, liquid plastics
- Optimally suited for low-viscosity flooring compounds
- Floor renovators, tilers

FEATURES:

- Special stirring rod avoids clumping and material deposits on the base and sides
- Electronic – soft start, constant speed, temperature control and over current cut-off
- Switch with dust protection and protection against re-start
- Start mixing function with reduced speed and optimal adjustment of the speed to the mixing material
- Drive unit with stirring rod can be separated from the carriage without any tools – easy to clean
- Well-balanced center of gravity – easy tipping and precise dosing
- Compact dimensions – easy maneuvering and pouring
- Pouring device – optimal disperse of the material
- Transport carriage with handles and big wheels – mobile use of the station at the construction sites
- 4 castors – move into all directions, highest mobility, pour and drive in one step
- Connection for dust exhaust Ø 35 mm – dust reduced filling and mixing of the materials

SPECIFICATIONS	FLOORMIX 2300
Power input	2300 W
Rated voltage	230 V ~
Rated- /No-load speed	70/130/160/280 rpm
Bucket size	110 l
Spindle connection	M 16 female
Weight	48.0 kg
Order no.	07625000
Supplied	on a pallet incl. special stirring rod and bucket 110 l

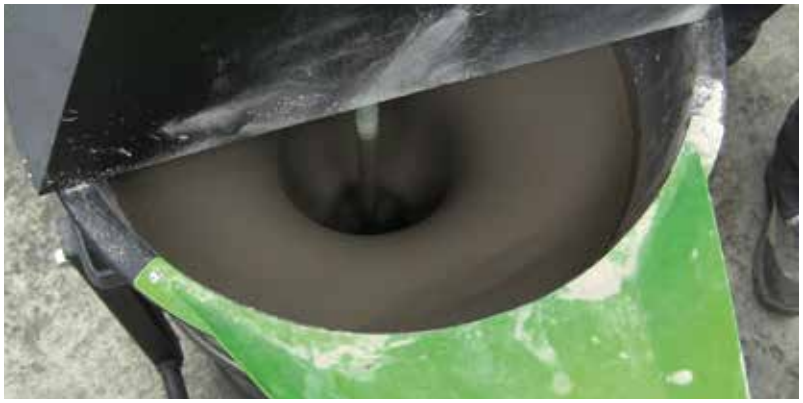


ACCESSORY

Bucket 110 l
Order no.: 32343000



Optimal mixing results:





Effective working especially in wet-on-wet cycle:



Easy to clean:





Health protecting mixing (dust reduced construction site, especially in the interior)

➪ Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner! For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!









Mixing station Automix 1801



50 kg

Mixing station Automix 90



80 kg

The mobile mixing station up to 50 kg

APPLICATION:
- 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
- Dust protected switch
- Mechanical safety clutch
- Integrateded 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

The mobile mixing station up to 80 kg

APPLICATION:
- 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
- Dust protected switch
- Mechanical safety clutch
- Integrateded 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	1500 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 incl. mixing paddle and bucket 65 l
ACCESSORY Bucket 65 l	32341000

SPECIFICATIONS	AUTOMIX 90
Power input	1500 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 incl. special stirring rod
ACCESSORY Bucket 90 l	32342000
Transport carriage (without bucket)	32331000







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

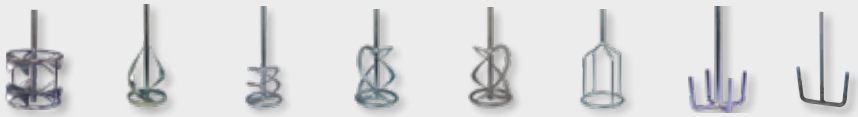
LG **Glue stirring rod, galvanised**
The stirring rod especially for sticky media is particularly suitable for epoxy resin components, concrete coatings, adhesive materials and filling compounds.

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



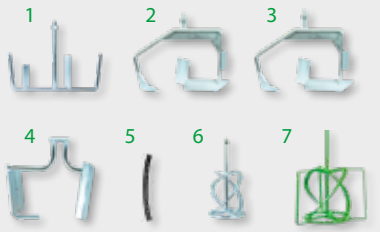
Material	S	R	W	M	MGV	LG	SPG	RP
Wall paint/ Lacquer	x	x						
Glue/Paste	x	x	x	x		x		
Filling compound			x	x			x	
Tile adhesive			x	x		x	x	
Mortar			x	x				
Plaster			(x)	x	x			
Screed			x	x		(x)		
Concrete			(x)	x		(x)		
Leveling compound	(x)		x				(x)	
Couting - 2K		x		(x)		x	x	
Sealing compound		x				x		x

(X) limited suitability

STIRRING RODS

** left hand spiral* **1 stainless steel - V2A (1.4301; AISI 304)* **2 protective ring*

Stirring rod	type	max. basket diameter	length in mm	batch in kg	shank connection	
S Disc stirring rod	S 55*2	55	350	5	Ø 7	31501000
	S 80*2	80	350	15	Ø 7	31502000
	S 100	100	500	40	6- SW 10	31513000
	SGR 150*2	150	600	80	M 14	31528000
R Round stirring rod *2	R 70*2	70	400	10	6- SW 8	31111000
	R 85*2	85	400	15	6- SW 8	31112000
	R 100*2	100	600	20	6- SW 10	31113000
	R 120*2	120	600	25	6- SW 10	31114000
	RG 100*2	100	600	20	M 14	31123000
	RG 120*2	120	600	25	M 14	31124000
W Helicon ribbon stirring rod	W 70*2	70	400	5	6- SW 8	31211000
	W 85*2	85	400	8	6- SW 8	31212000
	W 95*2	95	500	10	6- SW 8	31218000
	W 100*2	100	600	15	6- SW 10	31213000
	W 120*2	120	600	20	6- SW 10	31214000
	WG 100*2	100	600	15	M 14	31223000
	WG 120*2	120	600	20	M 14	31224000
	WG 135*2	135	600	50	M 14	31225000
	WG 160*2	160	600	80	M 14	31227000
M Mortar stirring rod *2	M 120*2	120	600	25	6- SW 12	31314000
	MG 120*2	120	600	25	M 14	31324000
	MG 140*2	140	600	50	M 14	31326000
	MG 160*2	160	600	80	M 14	31327000
	MG 180*2	180	600	80	M 14	31328000
	MG 120 L**2	120	600	25	M 14	31334000
	MG 140 L**2	140	600	50	M 14	31336000
	MG 160 L**2	160	600	80	M 14	31337000
MGV Mortar stirring rod *1*2	MGV 120*2	120	600	25	M 14	31424000
	MGV 140*2	140	600	50	M 14	31426000
LG Glue stirring rod	LG 120*2	120	600	25	M 14	31024000
SPG Filler stirring rod	SPG 150	150	600	50	M 14	31026000
RP Mixing paddle	RPG 160	160	600	50	M 14	31437000



for Contra twin stirrer (1 pair)

1 Mixing paddle for Automix 1801					31440000
2 Special stirring rod for Automix 1801					31442000
3 Special stirring rod for Automix 90					31460000
4 Mixing paddle for TwinMix 1800/TwinMix 1800 T					31451000
5 Scraper for mixing paddle for TwinMix 1800/TwinMix 1800 T					32351000
6 Universal stirring rod for TwinMix 1800/TwinMix 1800 T					31452000
7 Special stirring rod for FloorMix 2300					31640000



8 Z 200	200	600	40	Special	31620000
9 Z 220	220	600	60	Special	31610000
10 Z 230	230	600	80	Special	31630000

A Mixing ACCESSORIES

M 14 QUICK CHANGE ADAPTER

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	32143000
	2	Insert for quick change adapter M 14 (for stirring rods M 14 male)	32144000
	3	Quick change adapter set M 14 with two inserts	32145000



FEATURES QUICK CHANGE ADAPTER:

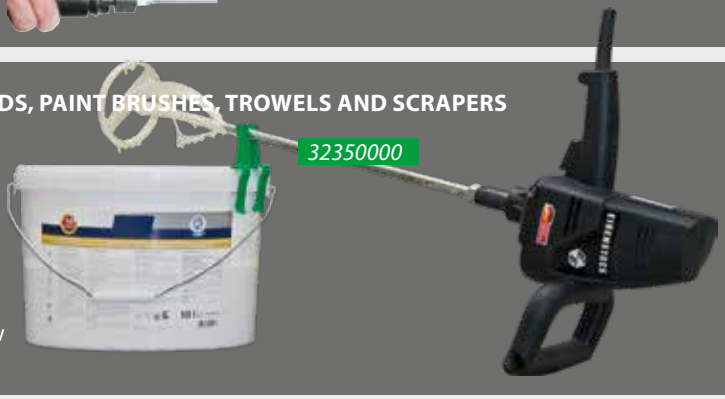
- stirring rods can be changed with the plug in quick change adapter, without the need for any tools
- quick change of the mixing tool for different materials
- space saving transport and easy cleaning of the stirring rods
- retrofit for all stirrers M 14 (female) thread
- Operation – screw the clutch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





BUCKET CLAW – THE PRACTICAL HOLDER FOR STIRRING RODS, PAINT BRUSHES, TROWELS AND SCRAPERS

When working with paint, mortar and adhesive there always exists the risk of resulting stains around the workplace. For avoiding this, the special Bucket Claw is offering a clever solution. It is mounted by easy clipping on the bucket rim. Because of its special shape it fits on almost every bucket. From now on coated stirring rods, paint brushes, trowels and scrapers can be fixed on the bucked rim and can drip off easily. In addition the bucket claw can be used as wall holder for your tools.



ADAPTER/EXTENSIONS

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



1	⅝" female - M 14 female		32123000
2	½" female - M 14 female		32113000
3	M 14 male - ½" male		32147000
4	M 14 female - M 14 female		32153000
5	M 18 female - M 14 female		32173000
6	MT 2 - M 14 female	e.g. heavy duty drilling machines	33113000
7	SDS-plus - M 14 female	e.g. hammer drill	32134000

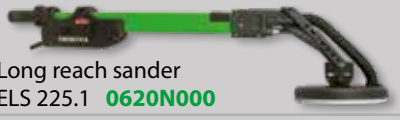
8	Extensions	150 mm x M 14	32230000
		250 mm x M 14	32210000

SANDING MILLING SMOOTHING







Model	Page	Disc diameter	Spindle connection	Power input	Rated speed *(*No-load speed)*
Corner grinder EES 1400-3 **0620V000** NEW 	86	3x 44 mm	Special	1400 W	4500-13000 rpm
Concrete grinder EBS 120.1 **0630F000** 	87	125 mm	Ø 22.2 mm	1400 W	*10000 rpm
Concrete grinder EBS 125.4 O/ EBS 125.4 RO **06324000/06325000** 	88	125 mm	Ø 22.2 mm	1500 W	10000 rpm/ 6000- 10000 rpm
Concrete grinder EBS 1802/ EBS 1802 SH **0633J000/0633L000** 	89	125 mm	Ø 22.2 mm	1800 W	*10000 rpm
Concrete grinder EBS 180 H **0633H000** 	90	180 mm	Ø 22.2 mm	2500 W	*8500 rpm
Concrete grinder EBS 235.1 **06346000**	92	235 mm	M 20 male/ Special	2200 W	*1380 rpm
Scabbler and scouring machine EPF 1503 **0651I000** 	93	140/150 mm	M 14 male	1500 W	4000 rpm
Scabbler and scouring machine EPF 200-3 **0651I000** NEW 	94	3x 100 mm	Ø 22,2 mm	1500 W	3000 rpm
 Long reach renovation grinder ELS 125 D **06231000**	96	125 mm	Ø 22.2 mm	1200 W	*8000 rpm
Surface milling machine EOF 100.1 **06535000** 	97	100 mm	Ø 22.2 mm	1400 W	10000 rpm
 Long reach sander ELS 225.1 **0620N000**	100	225 mm	velcro	590 W	*1050-1600 rpm
Dry-wall sander ETS 225 **06203000** 	101	225 mm	velcro	700 W	0-1450 rpm
Insulation board sander EWS 400 **0620F000** 	101	370 mm	Push fit fitting/ velcro	800 W	0-85 rpm
Cordless plaster smoothing machine EPG 300 A (Battery) **065A3000** NEW 	102	300 mm	Push fit fitting/ velcro	18 V, 5,2 Ah Li-Ionen	180 rpm
Plaster smoothing machine EPG 400/EPG 400 WP **06509000/0650L000** 	103	370 mm	Push fit fitting/ velcro	500 W	0-60 rpm

CAS 100% COMPATIBLE cordless-alliance-system.com

Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner!
For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!



Cap

impact resistant, robust

Arrangement of motor

vertical – dust is kept away, durable



Dust guard

front part can be folded up, working close to the edge possible

Speed regulation

adaptation of speed (EBS 125.4 RO)

Brush rim

protection against dust emission

Vibration damping

splitting between motor and handle (patented) – efficient vibration absorption, protects the wrists of the user, better grinding performance

Vacuum cleaner connection

Ø 35 mm - suction socket, direct connection of an EIBENSTOCK vacuum cleaner

DUST PROTECTION SYSTEM

Mineral dust may cause cancer!

FEATURES OF CONCRETE GRINDERS

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.

Corner grinder
EES 1400-3

NEW

The handy grinder for corners and small surfaces



APPLICATION:

- Sanding in corners, angles and small areas e.g. window reveals, niches, under radiators
- Ideal for stair and tile renovations
- Sanding directly to the edge (without brush ring)

FEATURES:

- Electronics: Soft start, speed regulation and constant speed control
- Light, compact and handy - ideal also for overhead work
- Dust extraction - low-dust work especially indoors



3x Ø 44

SPECIFICATIONS	EES 1400-3
Power input	1400 W
Rated voltage	230 V ~
Nominal-/No-load speed	4500-13000 rpm
Disc diameter	3x Ø 44 mm
Spindle connection	Spezial
Weight	3.3 kg
Order no.	0620V000
Supplied	in case incl. mounting tool, 3x grinding disc concrete and screws





DUST PROTECTION SYSTEM

Mineral dust may cause cancer!



Concrete grinder EBS 120.1

The compact

APPLICATION:

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

FEATURES:

- 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, non-slip
- Spindle lock – easy tool change





Ø 125

SPECIFICATIONS	EBS 120.1
Power input	1400 W
Rated voltage	230 V ~
No-load speed	8000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	3.5 kg
Order no.	0630F000
Supplied	in a case incl. diamond-grinding wheel (concrete) and assembly tools



DUST PROTECTION SYSTEM

Mineral dust may cause cancer!

Concrete grinder EBS 125.4 O



Ø 125

Concrete grinder EBS 125.4 RO





speed regulation

Ø 125

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

APPLICATION:
- 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 corresponding grinding wheels (accessories)

FEATURES:
- Electronic – soft start, constant speed, speed reduction in case of overload, temperature control 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	1500 W
Rated voltage	230 V ~
Rated- /No-load speed	10000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	4.5 kg
Order no.	06324000
Supplied	in a case incl. diamond-grinding wheel (concrete) and assembly tools

SPECIFICATIONS	EBS 125.4 RO
Power input	1500 W
Rated voltage	230 V ~
Rated- /No-load speed	6000-10000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	4.5 kg
Order no.	06325000
Supplied	in a case incl. diamond-grinding wheel (concrete) and assembly tools





Concrete grinder EBS 1802



Ø 125

Concrete grinder EBS 1802 SH



Ø 125

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

APPLICATION:
- 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 corresponding grinding wheels (accessories)

FEATURES:
- Powerful motor – high capacity
- Electronic – soft start, over current cut-off, 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

SPECIFICATIONS	EBS 1802
Power input	1800 W
Rated voltage	230 V ~
No-load speed	10000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	5.6 kg
Order no.	0633J000
Supplied	in a case incl. diamond-grinding wheel (concrete) and assembly tools

SPECIFICATIONS	EBS 1802 SH
Power input	1800 W
Rated voltage	230 V ~
No-load speed	10000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	5.6 kg
Order no.	0633L000
Supplied	in a case incl. PCD-grinding wheel (pointed segments) and assembly tools

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

APPLICATION:

- 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 2500 W motor
- Electronic – soft start, temperature control 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
- Locking for suction hose – avoids unintentional loosening of the hose during grinding
- Parallel handle position – ergonomic handles allow exact and balanced guiding for a better surface finish



Ø 180

SPECIFICATIONS	EBS 180 H
Power input	2500 W
Rated voltage	230 V ~
No-load speed	8500 rpm
Disc diameter	180 mm
Spindle connection	Ø 22.2 mm
Weight	8.4 kg
Order no.	0633H000
Supplied	in a case incl. diamond-grinding wheel (concrete) and assembly tools



DUST PROTECTION SYSTEM
Mineral dust may cause cancer!



Floor guide rack for EBS 125/1802/180

NEW

Fatigue-free work in an upright position

APPLICATION:

- For the floor grinders of the EIBENSTOCK brand: EBS125/1802/180

FEATURES:

- Tool-free assembly of the machine
- Tilt and height adjustment - ergonomic and back-friendly work
- Height-adjustable chassis - optimal adaptation to concrete grinder and application tool for best grinding results



Incline adjustment



Height-adjustable, wide chassis for high stability



Back-friendly work with floor guide frame



Relaxed work in an upright posture

Height adjustable undercarriage for good grinding result

Optimized for the floor grinders of the EIBENSTOCK-Series: EBS125/1802/180



Floor guide rack for EBS 125/ EBS 1802/ EBS 180

SPECIFICATIONS	Floor guide rack
WEIGHT	8.5 kg
Order no.	37218000

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!

BACK PROTECTION SYSTEM
Ergonomics in Construction

Concrete grinder EBS 235.1



The powerful floor grinder for large surfaces

APPLICATION:

- Grinding and smoothing of large surfaces
- Removing 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, paint, coatings, carpet adhesive – with corresponding grinding wheels/-shoes (accessories)

FEATURES:

- 2200 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
- Carriage adjustable in height – better grinding result
- Tilt-adjustable floor guiding device – optimal adjustment to the body height of the operator for a comfortable guiding
- Low weight and additional handle on the motor – easy transport

Ø 235

BACK PROTECTION SYSTEM
Ergonomics in Construction

SPECIFICATIONS	EBS 235.1
Power input	2200 W
Rated voltage	230 V ~
No-load speed	1380 rpm
Disc diameter	235 mm
Spindle connection	M 20 male/Special
Weight	38 kg
Order no.	06346000
Supplied	in a box without grinding disc

Choose and order also the appropriate grinding discs for your application (see accessories pages 99)

Grinding disc for your application (accessory)



concrete | screed | PCD



Scabbler and scouring machine EPF 1503

The universal with a high removal rate

APPLICATION:

- Removal of tile adhesive, plaster, paint, coatings
- Roughing and preparing of surfaces
- Grinding of concrete and screed seams

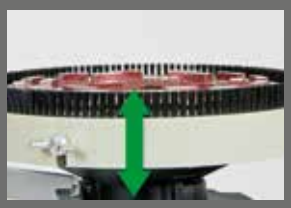
FEATURES:

- Electronic – soft start, constant speed, speed reduction in case of overload, temperature control 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



High efficiency with Ergo Guide (see page 95)





Depth limitation: guide ring height adjustable - no unintentional plunging into the base material





Also for Diamond grinding disc Ø 150 mm suitable



Ø 140

SPECIFICATIONS	EPF 1503
Power input	1500 W
Rated voltage	230 V ~
Rated- /No-load speed	4000 rpm
Milling head diameter	140 mm
Disc diameter	150 mm
Depth adjustment	0.5-4.0 mm
Spindle connection	M 14 male
Weight	3.9 kg
Order no.	0651I000
Supplied	in a case incl. capstan with 16 claw cutters (bent)

Diamond-grinding wheel, see page 99

For changing you need:
1x 37416000 tool kit, 1x 76301927 jaw wrench SW 32, 1x 37206000 driving disc, 1x 37207000 driving nut

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!

Claw cutters bent for lime-bound plaster

Claw cutters pointed for cement-bound plaster

Scabbler and scouring machine EPF 200-3



3x Ø 100

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!



Milling depth limitation -> precise work
- no milling into the ground

SPECIFICATIONS	EPF 200-3
Power input	1500 W
Rated voltage	230 V ~
No-load speed	3000 rpm
Disc diameter	3x Ø 100 mm
Spindle connection	Ø 22,2 mm
Weight	5.4 kg
Order no.	0651M000
Supplied	in case without grinding disc

Order suitable grinding discs for your application at the same time (see accessories page 99)**.**


Carbide grinding disc Ø 100 mm rough


Diamond-grinding disc Ø 100 mm rough, PCD - round


Diamond-grinding disc Ø 100 mm rough, PCD - pointed

The effective 3-disc milling machine

APPLICATION:
- Extremely high removal rate due to three rotating sanding discs and large working width
- Removal of plaster, paint, wallpaper, coatings and tile adhesives
- Roughening of substrates

FEATURE:
- EDMC – Digital engine control
- Milling depth limitation - adjustable up to max. 5mm
- Dust extraction - low-dust work especially indoors


Back-friendly work with Ergo Guide (see page 95)


Easy, comfortable guiding of the machine

Ergo Guide - feathery counterbalance

NEW

The back protection System - low-fatigue work

APPLICATION:

- Suitable in conjunction with balancer (scope of delivery) for ergonomic work with equipment that is easy on the body
- For surface finishing of walls, e.g. with plaster cutters

FEATURE:

- Easy and flexible to use - lean against the wall or brace between floor and ceiling (make sure ceiling is stable)
- Tool-free assembly and demotage
- Can be used on stairs
- Balancer suspension and slide -> can be easily moved horizontally and vertically
- Easy transport



BACK PROTECTION SYSTEM
Ergonomics in Construction

Balancer for machine weight from 5-9 kg suitable

Simple, tool-free assembly and disassembly

SPECIFICATIONS	Ergo Guide
Working height	max. 2900 mm
Working width	max. 1600 mm
Order no.	3765C000
in a box incl. Balancer	

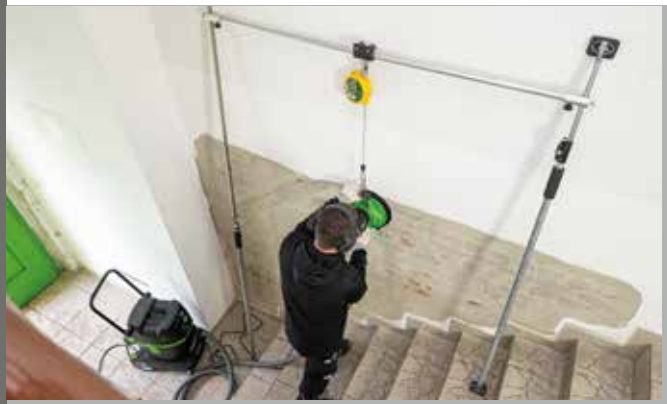
SPECIFICATIONS	Balancer
Load capacity	5-9 kg
Rope lift	max. 3,0 m
Weight	1.7 kg
Order no.	37433000



Smooth running of the balancer suspension



Low weight, uncomplicated transport



Application on stairs





Drive shaft

can be replaced easily, quickly and inexpensively by the user during servicing without having to open the machine

Ø 125

DUST PROTECTION SYSTEM

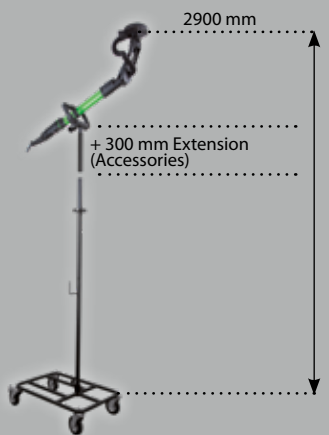
Mineral dust may cause cancer!

SPECIFICATIONS	ELS 125 D
Power input	1200 W
Rated voltage	230 V ~
Rated- /No-load speed	8000 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Weight	5.3 kg
Order no.	06231000
Supplied	in a box incl. transport bag, diamond-grinding wheel universal and assembly tools

Cart EFW for Long reach renovation grinder ELS 125 D

- Mobile cart for Machine and vacuum cleaner
- Force saving in ceiling work
- Toolless design - easy transport, rubberized steering wheels-easy moving, one wheel braked





Long reach renovation grinder ELS 125 D

For wall and ceiling

APPLICATION:

- Grinding of screed seams
- Removing of burrs, bumps, paint and thin adhesives
- Smoothing of concrete and plaster surfaces

FEATURES:

- Electronic – soft start, constant speed, temperature control and over current cut-off
- Exchangeable flexible drive shaft – short design, easy to service
- Robust joint – optimal adaptation to inclination and angle
- Foldable front edge of dust guard – for grinding directly to the edge of the work area
- Extraction nozzle Ø 35 mm (rotatable) - direct connection of an M-cleaner of the EIBENSTOCK DSS series
- Locking for suction hose – avoids unintentional loosening of the hose during grinding
- Additional handle – ergonomic handling, variably adjustable at the machine





SPECIFICATIONS	EFW
Working hight	max. 2600 mm
Working hight with 1x Extension	max. 2900 mm
Order no.	3765A000
Supplied	in a box
Accessories	Extension
Working hight	300 mm
Order no.	3765B000

Surface milling machine EOF 100.1

The innovative surface milling system as precise and fast alternative – high power but low weight

APPLICATION:

- Fine milling of paint, varnish, resins, solid and greasy dirt as well as coatings on plane wood and mineral surfaces
- Used for renovation and reconstruction up to restoration

FEATURES:

- Precision hood – depth adjustment in 0.1 mm steps for exact removing (up to max. 1.0 mm) – no unintentional milling in the basic material
- Turnable dust guard – flexible adaptation to the surface to be machined especially to the edges
- Support bow – precise guiding, no tilting of the machine
- Compact, slim design – handy
- Soft grip handle – less vibration, non-slip, perfect handling
- Powerful 1400 W motor
- Electronic – soft start, constant speed, Restart protection – perfect working results, protection of the machine
- Lock-on button – against unintentional switching on
- Spindle lock – easy tool change



depth adjustment (0.1 - 1.0 mm)



a detent point corresponds to a depth of 0.1 mm



Turnable dust guard Ø 35 mm



saves at least 2/3 time

Time- and material saving compared to alternative methods ⇨ easy and economical working



no hazardous, chemical substances



no unhealthy, persistent odors



no clogging of abrasives

Ø 100

SPECIFICATIONS	EOF 100.1
Power input	1400 W
Rated voltage	230 V ~
Rated- /No-load speed	10000 rpm
Milling depth	0.1-1.0 mm
Disc diameter	100 mm
Spindle connection	Ø 22.2 mm
Weight	3.4 kg
Order no.	06535000
Supplied	in a case incl. assembly tools, without milling disc

Order the right milling discs for your applications at the same time (see accessories page 99).

DUST PROTECTION SYSTEM

Mineral dust may cause cancer!

Sanding/Milling - ACCESSORIES

recommended areas ratios		up to 10 m²	up to 10 m²	up to 30 m²	bis 30 m²	up to 50 m²
Material	Maschine	**EES 1400-3** NEW page 86	**EBS 120.1** page 87	**EBS 125.4 O EBS 125.4 RO** page 88	**EBS 1802 EBS 1802 SH** page 89	**EBS 180 H** page 90
Concrete		9	5/6	5/6	5/6/15/16	17/19
Screed		10	7	7	7/15/16	18/19
Tile adhesive		9/10	7	7	7/15/16	18/19
Natural stone					15/16	19
Plaster soft		9		12/13/14	16	19
Plaster hard		10	7	7	7/15/16	18/19
Colour		11	8	8/12/13/14	8/15/16	19
Coatings		11	8	8	8/15/16	19
Carpet adhesive		11	8	8	8/15/16	19
Wood		11		12/13/14		

	Claw cutters	
2	bent, 16 pieces	37426000
3	pointed, 16 pieces	37427000

	Diamond grinding disc Ø 44 mm, *Set of 3*	
9	concrete	37134000
10	screed	37133000
11	carbide	37132000

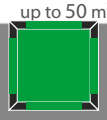
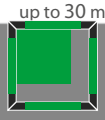
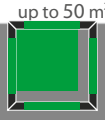
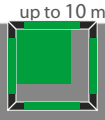
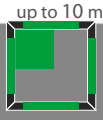
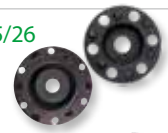
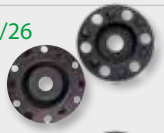
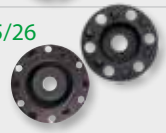
27	Carbide grinding disc Ø 100 mm	37124000
	recommended for coatings on wood and mineral surfaces	
4	Carbide grinding disc Ø 100 mm, *rough, 1 piece*	37131000

	Diamond grinding disc Ø 100 mm, *1 piece*	
25	PCD, round segments	37125000
26	PCD, pointed segments	37116000

	Diamond grinding disc Ø 125 mm	
5	concrete standard	37114000
6	concrete premium	37102000
7	screed	37103000
8	coating „Rapid K"	37110000

	Diamond grinding disc Ø 125 mm	
23	surface grinding	37126000
24	universal	37128000

	Carbide grinding disc Ø 125 mm *for EBS 125.4 RO*	
12	rough	37107000
13	medium	37106000
14	fine	37108000

up to 50 m²	up to 30 m²	up to 50 m²	up to 10 m²	up to 10 m²
				
EBS 235.1 page 92	**EPF 1503** page 93	**EPF 200-3** page 94 NEW	**ELS 125 D** page 96	**EOF 100.1** page 97
20/21 	1 		23/24 	
21/22 	1 			
21/22 	1/2 	25/26 	24 	
21 				
	2 	4 		
	1/3 	25/26 	24 	
21 	3 	4/25/26 	24 	25/26 
21 	2 	4/25/26 		25/26 
21 	·	4 		
		4 		27 

	PCD-grinding disc Ø 125 mm	
15	pointed segments	37115000
16	round segments	37118000

1	Diamond grinding disc Ø 150 mm	37127000

	Diamond grinding disc Ø 180 mm	
17	concrete	37112000
18	screed	37111000
19	PCD grinding disc Ø 175 mm round segments	37119000

	Diamond grinding disc Ø 235 mm	
20	concrete	37117000
21	PCD round segments	37136000
22	screed	37135000

Long reach sander ELS 225.1

The lightweight for large surface performance with patented VacuGlide-System for relaxed working

APPLICATION:
- 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:
- Electronic – soft start, electronic overload protection
- Exchangeable flexible drive shaft
- Robust joint for optimum adaptation to inclination angle
- Spring-mounted exhaust hood with sealing lip – optimal adaptation to the surface
- Efficient dust extraction through the hood and perforated sanding disc
- Sealing lip exchangeable against brush rim for other sanding operations
- Extension for high ceilings and walls (up to about 3 m) – no additional tools such as ladder or scaffolding, saves time in the application
- Lightweight, balanced and ergonomic design – easy to use, comfortable sanding, numerous grip positions



Only about 1.5 kg perceived weight

only in conjunction with EIBENSTOCK industrial vacuum cleaner ESS 35 MP or DSS 25 M

Ø 225

DUST PROTECTION SYSTEM

Mineral dust may cause cancer!

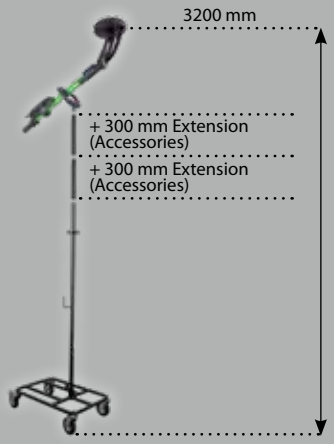
SPECIFICATIONS	ELS 225.1
Power input	590 W
Rated voltage	230 V ~
No-load speed	1050-1600 rpm
Disc diameter	225 mm
Spindle connection	velcro
Weight	4.9 kg
Order no.	0620N000
Supplied	in a box incl. transport bag, extension, sanding pad starter kit (1x P80/P100/P120) and brush rim



Cart EFW for Long reach sander ELS 225.1

- Mobile cart for Machine and vacuum cleaner
- Force saving in ceiling work
- Toolless design - easy transport, rubberized steering wheels-easy moving, one wheel braked





SPECIFICATIONS	EFW
Working hight	max. 2600 mm
Working hight with 2x Extension	max. 3200 mm
Order no.	3765A000
Supplied	in a box
Accessories	Extension
Working hight	300 mm
Order no.	3765B000

Dry-wall sander ETS 225



Ø 225

Insulation board sander EWS 400



Ø 370

The lightweight and handy specialist for drywall construction

APPLICATION:
- 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

APPLICATION:
- 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	0-1450 rpm
No-load speed	0-2300 rpm
Disc diameter	225 mm
Spindle connection	velcro
Weight	2.9 kg
Order no.	06203000
Supplied	in a case incl. base plate and sandpaper-starter kit (1x P60/P80/P100/P220)

SPECIFICATIONS	EWS 400
Power input	800 W
Rated voltage	230 V ~
Rated speed	0-85 rpm
No-load speed	0-140 rpm
Disc diameter	370 mm
Spindle connection	Push fit fitting/velcro
Weight	3.9 kg
Order no.	0620F000
Supplied	in a box incl. 1x sandpaper P24





When using already the CAS system also available without charger and batteries can be ordered

CAS CORDLESS ALLIANCE SYSTEM

NEW

Plaster smoothing machine EPG 300 A

The wireless freedom

APPLICATION:

- Felting and smoothing of plasters
- Grinding of full thermal insulation boards

FEATURES:

- No more annoying cable - freedom of movement especially on the scaffold
- Approx. 30 min with one battery charge
- Large tool surface - flat and fast work





ALSO WITHOUT BATTERY AVAILABLE

Ø 300

saves at least 50 % time

SPECIFICATIONS	EPG 300 A
Battery pack	18 V, 5.2 Ah Li-Ion
no load speed	180 rpm
Base plate	300 mm
Spindle connection	Plug connection/Velcro
Weight	3.6 kg (Machine) 670 g (Battery)
Order no.	065A3000
in case incl. base plate, sponge disc, 2x rechargeable battery 5.2 Ah, charger (standard)	
Order no.	065A4000
without charger and batteries in case incl. base plate + sponge disc	





Flexible use due to BATTERY

CAS CORDLESS ALLIANCE SYSTEM 100% COMPATIBLE cordless-alliance-system.com



Plaster smoothing machine EPG 400



Ø 370

Plaster smoothing machine EPG 400 WP



Ø 370

saves at least 50 % time

The light and versatile plaster smoothing machine

APPLICATION:
- 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

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

FEATURES:
- Electronic switch – stepless speed control
- Stepless adjustable water supply – direct moistening of the wall by means of an atomised spray, saves adding water seperately, thus time saving
- 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

SPECIFICATIONS	EPG 400
Power input	500 W
Rated voltage	230 V ~
Rated speed	0-60 rpm
No-load speed	0-110 rpm
Diameter base plate	370 mm
Spindle connection	Push fit fitting/velcro
Weight	3.5 kg
Order no.	06509000
Supplied	in a case incl. 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	0-110 rpm
Diameter base plate	370 mm
Spindle connection	Push fit fitting/velcro
Weight	3.8 kg
Order no.	0650L000
Supplied	in a case incl. base plate and sponge disc





A Sanding/Milling/Smoothing ACCESSORIES



	FOR LONG REACH SANDER AND DRY-WALL SANDER	
	Brush rim	
1	ETS 225, 2 parts	37624000
2	ELS 225.1	3722B000
3	Sealing lip VacuGlide ELS 225.1	3722C000
4	Segment incl. brush for dust guard ETS 225	37625000
5	Additional handle ELS 225/ELS 225.1	37659000
6	Base plate (velcro), 6 hole punch	37631000
7	Rubber foam pad (velcro), 6 hole punch	37632000
8	Sanding grid (velcro), 6 hole punch	
	P80 (10 pieces)	37610000
	P120 (10 pieces)	37611000
9	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
10	Sandpaper Assortment (velcro), 6 hole punch	37640000
	P80/100/120/150/180 Normal Corundum (je 5 pieces)	
11	Sanding pad (velcro), perforated	
	P40 (10 pieces)	37672000
	P60 (10 pieces)	37673000
	P80 (10 pieces)	37674000
	P100 (10 pieces)	37675000
	P120 (10 pieces)	37676000
	P150 (10 pieces)	37677000
	P180 (10 pieces)	37678000
	P220 (10 pieces)	37679000
	FOR INSULATION BOARD SANDER	
12	Sandpaper (velcro), 4 hole punch P24 (3 pieces)	37671000
	FOR PLASTER SMOOTHING MACHINES	
13	EPG 300 A, Base plate, Ø 300 mm (velcro)	3772C000
14	EPG 300 A, Sponge disc, Ø 320 mm (velcro)	3772D000
15	EPG 300 A, Sponge rubber disc, Ø 300 mm (velcro)	3772E000
16	EPG 300 A, Grinding disc P24, Ø 300 mm (velcro)	3772F000
13a	Base plate, Ø 370 mm (velcro)	37721000
14a	Spone disc, Ø 400 mm (velcro)	37722000
15a	Sponge rubber disc, Ø 385 mm (velcro)	37725000
16a	Grinding disc P24, Ø 370 mm (velcro)	37727000
17	Scraping disc, Ø 380 mm (velcro)	37722600
18	Scratch- and scraping disc, Ø 370 mm	3772A000
19	Add on kit for scratch- and scraping disc (4 scratching metal sheets+8 screws)	3772B000
20	Scratching disc, Ø 370 mm	37724000
21	Add on kit for scratching disc (4 scratching metal sheets+8 screws)	37723000
22	Smoothing disc, Ø 380 mm	37728000
23	Felt disc, Ø 360 mm	37729000
24	Quick charger (charging time about 45 min.)	37732000
25	Charger standard (charging time about 110 min.)	37734000
26	Battery (5.2 Ah)	37731000

SAWING CUTTING SLITTING







Model	Page	Disc diameter	Spindle connection	Power input	Rated speed *(*No-load speed)*
Pipe cutting system ERC 350 **06652000** 	107	125 mm	Ø 22.2 mm	1250 W	12000 rpm
Diamond saw EDS 125 **0660V000** 	108	125 mm	Ø 22.2 mm	1250 W	12000 rpm
Cutting tables ETT 700 **09801000** ETT 1200 **09802000** 	109				
Diamond saw EDS 181 **0660P000** 	110	180 mm	Ø 22.2 mm	2300 W	7500 rpm
Universal cutting saw EST 350.2 **06637000** 	112	350 mm	Ø 25.4 mm	2400 W	3900 rpm
Cutting system ETR 400.1 P/ETR 400.2 P **0682A000/0682E000** 	114/116	400 mm	Ø 25.4 mm	2850 W	1950 rpm
Double blade sword saw EDB 480.1 **06644000** 	117	Schnittlänge 480 mm	Spezial	1800 W	3100/Strokes
Wall chaser EMF 125.2 **06703000** 	118	125 mm	Ø 22.2 mm	1700 W	7500 rpm
Wall chaser EMF 150.1/150.1 P **0671A000/0671P000** 	119	150 mm	Ø 22.2 mm	2300 W	7500 rpm
Wall chaser EMF 180.2 **0672C000** 	120	180 mm	Ø 22.2 mm	2300 W	3100 rpm

Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner!
For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock ESS/DSS range!

Pipe cutting system ERC 350

Handy pipe saw for Cutting and chamfering in one operation

NEW

Order the suitable disc for your application right away!



APPLICATION:

- Time-saving and safe cutting to length and chamfering up to Ø 300 mm in one operation
- for thick-walled, sound-insulated drainage, PKNG, KG, HT, spiral-seam and ventilation pipes

FEATURES:

- Stable support due to extendable roller carriage and support stand
- Bevel width infinitely variable
- Vacuum cleaner connection - efficient extraction of cut particles
- Compact and handy in transport box - ideal for mobile use on the construction site

Ø 125

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!

SPECIFICATIONS	ERC 350
Power input	1250 W
Rated voltage	230 V ~
No-load speed	12.000 rpm
max. disc diameter	125 mm
Spindle connection	Ø 22,2 mm
Weight	14.9 kg
Order no.	06652000
Supplied	in a box, assembly tools



Align the pipe exactly horizontally and vertically to the saw blade



Cutting and chamfering in one operation



Time-saving cutting of ventilation pipes



– **Carbide Cutting and beveling disc**
Ø 125 mm for
PP (Skolan),-PPS-, PKNG-,
HT- und KG-pipes (s. p. 121)

Order no. 37137000



– **Diamond-Cutting and beveling disc**
Ø 125 mm for
HT- und KG-pipes (s. p. 121)

Order no. 37541000



– **Diamant-cutting disc**
Ø 125 mm for
Spiral duct, ventilation pipes (s. p. 121)

Order no. 37450000

Diamond saw
EDS 125



Ø 125

SPECIFICATIONS	EDS 125
Power input	1250 W
Rated voltage	230 V ~
No-load speed	12000 rpm
Max. disc diameter	125 mm
Max. cutting depth	36 mm
Spindle connection	Ø 22.2 mm
Weight	2.9 kg
Order no.	0660V000
Supplied	in a case incl. diamond cutting disc Ø 125 mm and assembly tools





Extraction nozzle Ø 35 mm – direct connection of an M-suction unit of the EIBENSTOCK ESS/DSS series. Integrated water supply with flow regulator – Fine adjustment of the water quantity and low-dust work in the wet process

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!

The handy diamond saw

APPLICATION:

- Wet and dry cutting 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 – you can begin the cut with the machine in the working area



Fast work with tile renovation



Carriage with roller guide - smooth guiding, protects the workpiece surface
Guide rail - accessory as a stop for precise cuts



Cutting tables for EDS 125 ETT 700 and ETT 1200

The flexible alternative to unwieldy cutting machines



APPLICATION:

- Wet and dry cutting of different stones, e.g. natural stone, stoneware, ceramics
- Precisely cutting of tiles and plates 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 eleminated – 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 for diagonal cuts up to 45°
- Plate enlargement – solid, unbreakable support for particularly large plates, on both sides in all positions mountable and arbitrarily expandable (accessory)

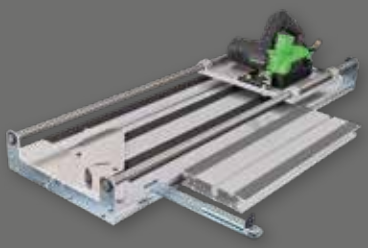


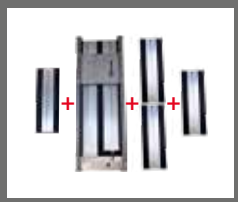
fixing of the saw without any tool

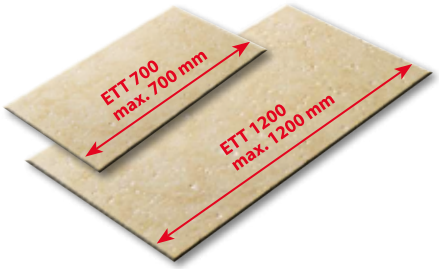


easy to transport

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











Diamond saw
EDS 181

The most powerful in its class

APPLICATION:

- 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 control and over current cut-off, 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 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 rail – accessory for precise cuts

** without guide rail with diamond cutting disc Ø 200 mm*

Ø 200

SPECIFICATIONS	EDS 181
Power input	2300 W
Rated voltage	230 V ~
Rated speed	4300 rpm
No-load speed	7500 rpm
Max. disc diameter	200 mm
Max. cutting depth	63 mm*
Spindle connection	Ø 22.2 mm
Weight	7.7 kg
Order no.	0660P000
Supplied	in a case incl. diamond cutting disc Ø 180 mm, angle stop and assembly tools

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!



THE FEATURES OF THE DIAMOND SAW EDS 181





Mitre adjustment without the need for tools – stepless up to 45°





Continuous cutting depth adjustment without the need for tools – stepless up to 63 mm

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

Guide rail – accessory for precise cuts





Nozzle diameter 35 mm – direct connection of industrial vacuum cleaner of EIBENSTOCK ESS/DSS series or to the enclosed Gardena-quick coupling adapter











Universal cutting saw
EST 350.2

The precise and low dust machine for dry cutting

APPLICATION:

- Cutting of stone materials, e.g. concrete, natural stone, bricks
- Ideal for precise cuts on pavements work
- cutting of steel, plastic and similar materials with new universal cutting blade (accessory)
- Gardening and landscaping, road and pavement construction, for clinker-cutting etc.

FEATURES:

- New ergonomic handle - comfortable operation from all working positions
- Cutting table made of cast aluminum - robust and durable
- Optimized dust collection due to closed base at the machine table
- Tool-less adjustable quick clamping device – safe fixing to the work area
- Spindle lock – easy tool change
- Angular stop stepless adjustable 0-45° – easy and precise mitre cuts
- Starting current limiter - soft start
- Nozzle diameter 35 mm – direct connection of industrial vacuum cleaner of EIBENSTOCK ESS series
- Transportation lock in hinged position – handy and safe transport of the machine

Cutting table (cutting capacity at 90° cuts)

Cutting depth:	80 mm	100 mm	120 mm
Cutting length:	250 mm	200 mm	150 mm



adjustable angle stop



quick clamping device

Ø 350

SPECIFICATIONS	EST 350.2
Power input	2400 W
Rated voltage	230 V ~
No-load speed	3900 rpm
Max. disc diameter	350 mm
Max. cutting depth	120 mm
Max. cutting length	250 mm
Spindle connection	Ø 25.4 mm
Weight	19.0 kg
Order no.	06637000
Supplied	in a box incl. diamond cutting disc Ø 350 mm and assembly tools

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!

Order diamond cutting disc Universal at the same time
(Accessories see page 121)





Applications

Cutting a wide variety of stone materials with the diamond cutting disc (included), e.g.:



Concrete paving stones



Natural stone paving



Fire bricks



Clinker bricks



Shelves of natural stone and concrete

Cutting of e.g. steel, plastic and similar materials with the universal cutting disc (accessory):



Steel profiles and tubes



Reinforcing steels



Plastic pipes





Powerful cutting system ETR 400.1 P (wet/dry)

APPLICATION:
- Cutting of mineral materials, f. e. concrete, brick and natural stone
- Cut-outs into brickwork
- Wall cuttings for installations
- Slitting of expansion joints
- Civil engineering, drilling and sawing contractors, gardening and landscaping

Ø 400

152 mm

Optimized & strong special motor with power electronics

SPECIFICATIONS	ETR 400.1 P
Power input	2850 W
Rated voltage	230 V ~
Rated- /No-load speed	1950 rpm
Max. disc diameter	400 mm
Max. cutting depth	152 mm
Spindle connection	Ø 25.4 mm
Weight	13.4 kg
Order no.	0682A000

Supplied: in a box incl. diamond cutting disc, dust guard and assembly tools

Simple, safe guidance through innovative drive concept
➥ **no kick-back**
➥ **pulls into the material**



FEATURES:
- Special gearbox with optimal adjusted speed for fast working
- Electronic – soft start, constant speed, temperature control and over current cut-off, overload indication
- Best results in system with the EE premium diamond cutting disc
- Immersion function
- Adjustable cutting depth limitation without any tools f. e. for the cutting of screed (accessory)
- Adapter and diamond cutting disc for working near to the edge (accessory)
- Exact wall cuttings by using a guide rail (accessory) – easy mounting, easy feed, low vibration
- Wide supporting rolls – exact guiding
- Spindle lock – easy tool change
- Robust metal suction hood
- Handle and hood adjustable – ergonomic handling in different working positions
- Nozzle diameter 35 mm – direct connection of industrial vacuum cleaner of EIBENSTOCK ESS/DSS series
- Cut-off carbon brushes – protection of the motor



Integrated water supply with flow regulator
easy adjustment of the water-volume
low dust working



Dry cut for refurbishment
where no wet cut is possible-e.g. Living room renovation

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!

Special developed suction system for dust reduced working



precise cutting depth adjustment (accessory)



cutting near to the edge (accessory)

SYSTEM OF GUIDE RAILS AS ACCESSORY

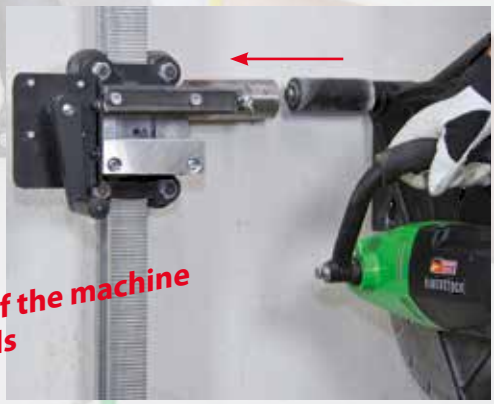


Safe, precise and energy-saving – System of Guide rails with crank feed for relaxed working

Quick mounting
Easy transport by only person
Robust carriage mounted on roller bearings – easy feed



Easy modular possibility of extension for long straight cuts



Fast mounting of the machine without any tools

Specially for wet application developed

NEW



Cutting system for wet cutting ETR 400.2 P (wet)

APPLICATION:
- Cutting of mineral materials, such as concrete, natural stone
- Breakthroughs in masonry
- Wall cutouts for installations
- Building construction and civil engineering, drilling and sawing operations, landscaping

Optimized & high-torque special motor with power electronics

Ø 400

152 mm

Significantly quieter than separation systems with combustion engine



Integrated water supply with flow regulator

Fine adjustment of the water quantity and low dust work

Easy, handy work without disturbing exhaust fumes

➥ dragging cut

➥ optimal for vertical work



FEATURES:
- Opposite direction of rotation to the separating system ETR 400.1 P
- especially advantageous for pulling cuts on the wall
- Electronics - soft start, temperature and overload cut-off, overload indicator, constant speed control
- Cut-off carbon brushes - protection of the motor
- Service indicator - timely indication for replacement of carbon brushes
- Adjustable handle and hood - ergonomic handling in different working positions
- spindle lock - easy tool change
- lower weight (-2 kg) compared to ETR 400.1 P

SPECIFICATIONS	ETR 400.2 P
Power input	2850 W
Rated voltage	230 V ~
Rated- /no load speed	1950 rpm
max. disc diameter	400 mm
max. depth of cut	152 mm
Tool holder	Ø 25.4 mm
Weight	11.4 kg
Order no.	0682E000

Supplied: in carton, incl. diamond cutting disc and mounting tool



Double blade sword saw EDB 480.1

The powerful all-rounder for various building materials



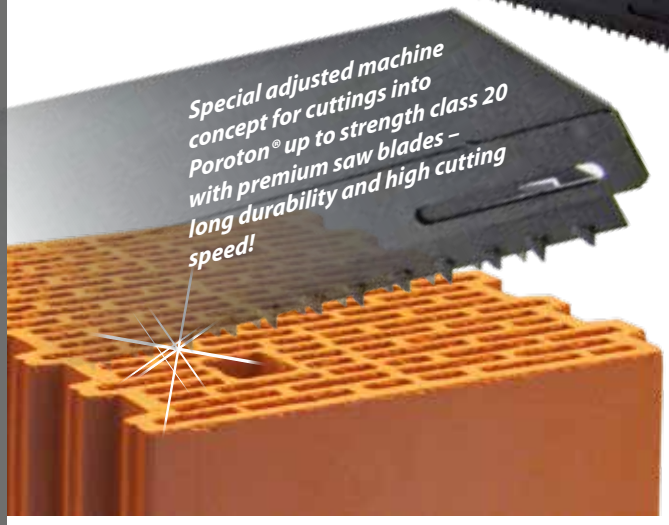
Long lasting 1800 W motor for the hardest applications

APPLICATION:

- Cutting of vertical coring brick (f.e. Poroton®), aerated concrete, 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

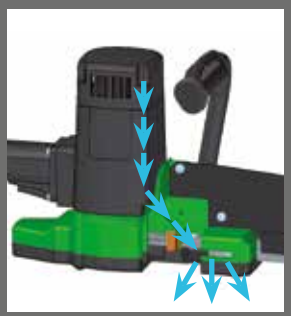
FEATURES:

- 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



480

SPECIFICATIONS	EDB 480.1
Power input	1800 W
Rated voltage	230 V ~
Stroke rate	3100 rpm
Cutting length	480 mm
Spindle connection	Special
Weight	6.1 kg
Order no.	06644000
Supplied	in a box incl. blade set universal Premium, blade protection and assembly tools



blower function



handle mountable on both sides



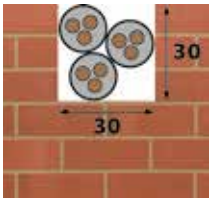
Wall chaser
EMF 125.2

Handy and lightweight – perfect for electrical installations



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

FEATURES:
- Electronic – soft start, constant speed
- Cut-off carbon brushes – protection of the motor
- Locking for suction hose – avoids unintentional loosening of the hose during milling
- Adjustable milling depth – without the need for a tool
- Spindle lock – easy tool change
- Slim design, small distance between dust hood and diamond blades for working up to 10 mm from the edge
- Slot widths of 7-30 mm adjustable in 1 mm steps
- Closed hood – optimal air flow, easy removal of fragments
- Pushing cut – allows a comfortable handling
- Nozzle diameter 35 mm – direct connection of industrial vacuum cleaner of EIBENSTOCK ESS/DSS series



slitting of cable channels

Ø 125

SPECIFICATIONS	EMF 125.2
Power input	1700 W
Rated voltage	230 V ~
Rated- /No-load speed	7500 rpm
Disc diameter	125 mm
Spindle connection	Ø 22.2 mm
Max. milling depth	30 mm
Max. slot width	30 mm
Weight	3.5 kg
Order no.	06703000
Supplied	in a case incl. 2 diamond blades Premium and assembly tools


locking for suction hose


milling depth adjustment

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!





Wall chasers
EMF 150.1 (dry)
EMF 150.1 P (wet/dry)

The powerful wall chaser for the hardest materials

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

FEATURES EMF 150.1 P:
- Protective hood with integrated water supply
- When wet slitting, suction nozzle can be closed by means of plug - alternatively, milling slurry can be sucked off
- Connection cable with PRCD circuit breaker

FEATURES: EMF EMF 150.1 + 150.1 P
- Almost dust-free dipping and slitting due to hinged hood
- Powerful 2.300 W motor - high performance
- Electronics - soft start, temperature and overload cut-off, overload indicator
- Parallel handle position - comfortable working posture
- Suction hose lock - prevents unintentional loosening of the hose during the milling process
- Milling depth adjustment - tool-free, comfortable
- Spindle lock - easy tool change
- Slim design, small distance from protective hood – diamond discs for working close to the edge up to 18 mm
- Groove widths from 7-46 mm changeable in 1 mm steps
- Sliding cut - convenient handling



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

Distance discs for the using of 3 blades (see accessories page 122)





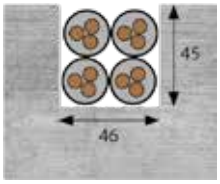


Ø 150

Almost dust-free immersion and slitting due to folding hood



Wet application: For faster work progress and reduced disc wear



slitting of cable channels

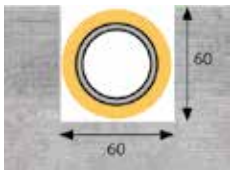
Ø 150

SPECIFICATIONS	EMF 150.1	EMF 150.1 P
Power input	2300 W	2300 W
Rated voltage	230 V ~	230 V ~
Rated speed	4300 rpm	4300 rpm
No-load speed	7500 rpm	7500 rpm
Disc diameter	150 mm	150 mm
Spindle connection	Ø 22,2 mm	Ø 22,2 mm
Max. milling depth	45 mm	45 mm
Max. slot width	46 mm	46 mm
Weight	6.1 kg	6.2 kg
Order no.	0671A000	0671P000
Supplied	in a case incl. 2 diamond blades Premium (concrete) and assembly tools	in a case incl. 2 diamond blades Premium (concrete) and assembly tools, Sealing plug

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!



Almost dust-free immersion and slitting due to folding hood



- slitting of channels
- please note the statics

Now with 60 mm slot width for effective work in the sanitary installation

Split work spindle - possibility of mounting joint milling discs up to 10 mm segment thickness

Ø 180

DUST PROTECTION SYSTEM
Mineral dust may cause cancer!

SPECIFICATIONS	EMF 180.2
Power input	2300 W
Rated voltage	230 V ~
Rated speed	2200 rpm
No-load speed	3100 rpm
Disc diameter	180 mm
Spindle connection	Ø 22.2 mm
Max. milling depth	60 mm
Max. slot width	60 mm
Weight	8.2 kg
Order no.	0672C000
Supplied	in a case incl. 2 diamond blades Premium (concrete) and assembly tools

Even faster with EIBENSTOCK „Easy Break Out“ (see accessories page 122)

Distance discs for the using of
3 blades – fast breaking by a center slot

Wall chaser EMF 180.2

The powerful wall chaser for the hardest materials

APPLICATION:

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

FEATURES:

- Nearly dust-free immersion and slitting due to hinged hood
- Split work spindle - possibility of mounting joint milling discs up to 10mm segment thickness
- Powerful 2300 W motor
- Electronic – soft start, temperature control and over current cut-off, 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 tool change
- Slim design, small distance between dust hood and diamond blades for working up to 15 mm from the edge
- Slot widths of 7-60 mm
- Nozzle diameter 35 mm – direct connection of industrial vacuum cleaner of EIBENSTOCK ESS/DSS series

saves at least 50 % time

Save the second slot operation for thicker pipes with insulation / sewage pipes Ø 40, 50 mm!







A Sawing/Cutting/Slitting ACCESSORIES

FOR PIPE CUTTING SYSTEM ERC 350

	1	Tungsten Carbide Cutting and Beveling Disc for PKNG Tubes Ø 125 mm	37137000
	2	Diamond cutting and beveling disc for HT and KG pipes Ø 125 mm	37541000
	3	Diamond cutting disc for spiral seam and ventilation pipes Ø 125 mm	37450000
		Plug (aluminium) for dust extraction **Absolutely necessary when cutting metal!**	37476000

FOR DIAMOND SAWS

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

FOR UNIVERSAL SAW

	15	Diamond universal cutting disc Ø 350 mm	37475000
	16	Plug (aluminium) for dust extraction **Absolutely necessary when cutting metal!**	37476000
	17	Diamond cutting disc Ø 350 mm	37471000
	18	Folding table with board B 400 x L 600 x H 850 mm	37473000

A Sawing/Cutting/Slitting ACCESSORIES

FOR CUTTING AND GRINDING SYSTEMS

	20	Diamond cutting disc universal Ø 350 mm for ETR 350/ETR 350 P/ETR 350.1 P ETR 400 P/ETR 400.1 P	37475000
	21	Plug (aluminium) for dust extraction Absolutely necessary when cutting metal!	37476000
	22	Diamond cutting disc Premium, Ø 350 mm for ETR 350/ETR 350 P/ETR 350.1 P Diamond cutting disc Premium, Ø 400 mm for ETR 400 P/ETR 400.1 P	3744G000 3744T000
	23	Diamond cutting disc near to the edge Premium, Ø 350 mm, ETR 350/ETR 350 P/ETR 350.1 P Diamond cutting disc near to the edge Premium, Ø 400 mm, ETR 400 P/ETR 400.1 P	3744H000 3744V000
	24	Set of Adapter for cutting near to the edge for ETR 350/ETR 350 P/ETR 350.1 P Set of Adapter for cutting near to the edge for ETR 400 P/ETR 400.1 P	3744K000 3744W000
	25	Adjustment and limitation for cutting depth incl. cover plate - ETR 350 P/ETR 350.1 P Adjustment and limitation for cutting depth incl. cover plate - ETR 400 P/ETR 400.1 P	3744L000 3744U000
Please order the fixing set as well! 	26	Set of Guide rails 200 cm for ETR 350/ETR 350 P/ETR 350.1 P/ETR 400 P/ETR 400.1 P 2x Guide rail 100 cm incl. machine holder, connection and mounting	3744N000
Please order the fixing set as well! 	27	Guide rail 100 cm for ETR 350/ETR 350 P/ETR 350.1 P/ETR 400 P/ETR 400.1 P incl. connection and mounting	3744P000
Required for assembly! 	28	Fastening set for Guide rails for ETR 350/ETR 350 P/ETR 350.1 P/ETR 400 P/ETR 400.1 P	35729000

FOR DOUBLE BLADE SWORD SAW

	29	Blade set Universal Premium, 2 parts	37452000

FOR WALL CHASER

	30	Diamond blade Premium Ø 125 mm	3744D000
	31	Diamond blade Standard Ø 150 mm	37440000
	32	Diamond blade Premium Ø 150 mm	37441000
	33	Diamond blade Premium Ø 180 mm	37443000
		Distance discs	
	34	for the using of 3 blades for EMF 150.1/EMF 180	3744E000
	35	for the using of 4 blades for EMF 150.1/EMF 180	37445000
	36	for the using of 3 blades for EMF 180.1/EMF 180.2	3744S000
	37	V-joint plate Ø 180 mm for EMF 180 - for creating expansion joints	37442000

POLISHING CALENDERING



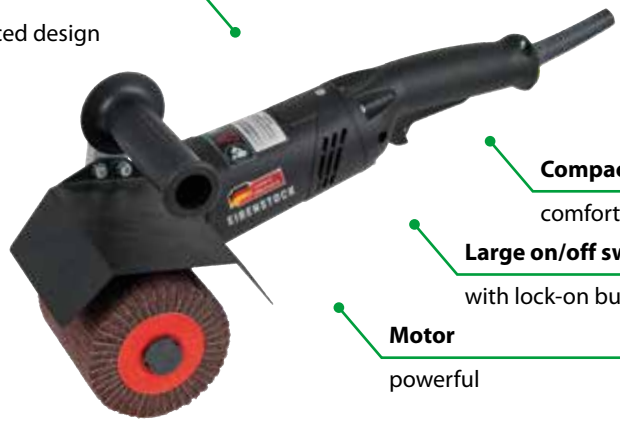


Model	Page	Max. disc diameter	Spindle connection	Power input	Rated speed
 WPN 180 **05710000**	126	180 mm	M 14 male	1200 W	1500-2800 rpm
 ESM 1310 **0541F000**	127	120 mm	Ø 19 mm	1300 W	1300-3050 rpm
 ESM 1311 Set **0541K000**	127	120 mm	Ø 19 mm	1300 W	1300-3050 rpm



Slim housing design

compact,
well balanced design



Compact handle

comfortable use

Large on/off switch

with lock-on button

Motor

powerful



- **Double transmission reduction** (ESM 1310 / ESM 1311)
  - higher torque at the shaft
  - high performance at lower speeds
  - minimum motor load, durable

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.

Wet-angle polisher WPN 180

Wet angled polisher with the proved 60° gearbox



APPLICATION:

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

FEATURES:

- Electronic – soft start, stepless speed control, temperature control 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

Ø 180

SPECIFICATIONS	WPN 180
Power input	1200 W
Rated voltage	230 V ~
No-load speed	1500-2800 rpm
Max. disc diameter	180 mm
Spindle connection	M 14 male
Weight	4.4 kg
Order no.	05710000
Supplied	in a box incl. support handle, without accessories



Calender
ESM 1310 / ESM 1311 Set

The handy, high torque machine

APPLICATION:

- 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 control 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, durable
- Dust protected gearing bearings by labyrinth-guide – low wearing





ESM 1310



ESM 1311 Set

Ø 120

SPECIFICATIONS	ESM 1310	ESM 1311 Set
Power input	1300 W	1300 W
Rated voltage	230 V ~	230 V ~
No-load speed	1300-3050 rpm	1300-3050 rpm
Max. tool diameter	120 mm	120 mm
Max. connection shaft	100 mm	100 mm
Spindle connection	Ø 19 mm	Ø 19 mm
Weight	2.8 kg	3.7 kg
Order no.	0541F000	0541K000
Supplied	in a box without accessories	in a case with exhaust hood and roller brush for wood texturing



DUST PROTECTION SYSTEM

Mineral dust may cause cancer!

A Polishing/Calendering ACCESSORIES

FOR POLISHER

	1	Sanding disc plastic, M 14	
		Ø 100 mm	37300000
		Ø 123 mm	37302000
		Ø 178 mm	37304000
	2	Fleece disc for sanding disc (synthetic resin-bonded fleece on backing pad)	
		Ø 115 mm	37311000
		Ø 125 mm	37315000
	3	Case for machine and accessories (ELP 1300, EPO 1310, EPO 1401, EPN 1310, EPN 1310 P)	37330000

FOR CALENDER

	4	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
	5	Sanding flap wheel, 4 pieces - fine grinding, removal and cleaning of welds	
		Ø 100 x B 100 mm - medium (P80)	37523000
		Ø 100 x B 100 mm - fine (P120)	
	6	Polishing fleece wheel, 4 pieces - removal of oxide films, refinish	37525000
		Ø 100 x B 100 mm - rough	
	7	Nylon fleece wheel - removal of oxide films, lacquers	37535000
		Ø 100 x B 100 mm	
	8	Roller brush - for wood texturing Ø 100 x B 100 mm - Nylon (K80)	37537000
	9	Exhaust hood	37501000
	10	Case for machine and accessories	37330000

PUMP- & VACUUMING







Model	Page	Tank volume	Dust volume	Max. power input
SS 1401 L **09921000**	130	25 l	21 l	1250 W
DSS 25 A **09915000**	131	25 l	20 l	1400 W
ESS 35 LP/ESS 35 MP **09932000/09931000**	132	35 l	25 l	1200 W
DSS 25 M **09917000**	134	25 l	20 l	1400 W
DSS 35 M iP **09919000**	135	35 l	25 l	1600 W
Pump vacuum cleaner EPS 50 **09927000**	136	50 l	–	1300 W



Dust retention capacity min. 99 % according to BGIA dust class L

25 l

PUSH & CLEAN:

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

Cleaning of the filter by strong air stream (3)

Continue working at full capacity



SPECIFICATIONS	SS 1401 L
Max. power input	1250 W
Rated voltage	230 V ~
Tank volume (max.)	25 l
Dust volume (net)	21 l
Max. air flow	60 l/s
Max. vacuum	210 mbar
Dimensions L × B × H	505 x 385 x 375 mm
Weight	7.7 kg
Order no.	09921000

Supplied: in a box incl. 3.5 m suction hose (Ø 32 mm), 2 suction tubes (aluminium), handle tube with air switch, floor nozzle, crevices nozzle, universal nozzle, round brush, tool adapter with suction power regulation, fleece filter bag, disposal bag

Construction cleaner SS 1401 L

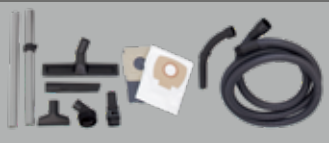
The compact and lightweight construction cleaner of dust class L

APPLICATION:

- Vacuuming of sludges (wet)
- Cleaning of cars, living and business rooms

FEATURES:

- Push&Clean filter cleaning system
- Large filter surface 3000 cm² – good filter effect
- High efficiency by 210 mbar vacuum
- Float valve – level monitoring when vacuuming liquids
- PET folded filter
- Blower function – blowing inaccessible areas
- Comfortable handle
- Cable and hose hook
- Accessory depot for suction nozzles and suction tubes
- Safety Cleaner dust class L, suitable for dust with WEL-values > 1 mg/m³
- with automatic switch-on for attached machines



Industrial vacuum cleaner DSS 25 A

The compact wet and dry cleaners

APPLICATION:

- Vacuuming of sludges (wet)
- Cleaning of cars, living and business rooms

FEATURES:

- Automatic filter cleaning (electromagnetic pulse) – cleaning of the filter, working without, complete dedusting of the cartridges
- Electronic – soft start with deferred rundown switching
- 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
- 2 polyester filter cassettes – high efficiency, durable, easy to clean
- Filter surface 8600 cm^2 – high constant suction performance
- Compact design – smaller height, same volume
- Special-plastic tank– low centre of gravity, easy cleaning of walls
- Large storage tray for accessories and machines
- Hose connection with bayonet and twist balancing
- Hose ends are interchangeable – easy hose extension, dust free transport

25 l



SPECIFICATIONS	DSS 25 A
Max. power input	1400 W
Rated voltage	230 V ~
Tank volume (max.)	25 l
Dust volume (net)	20 l
Max. air flow	73 l/s
Max. vacuum	270 mbar
Dimensions L × B × H (mm)	457 × 400 × 535
Weight	11.7 kg
Order no.	09915000

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







Dust retention capacity min. 99 % according to BGIA dust class L

Dust retention capacity min. 99.9 % according to BGIA dust class M

35 l

SPECIFICATIONS	ESS 35 LP/ESS 35 MP
Max. power input	1200 W
Rated voltage	230 V ~
Tank volume (max.)	35 l
Max. air flow	74 l/s
Max. vacuum	250 mbar
Dimensions L × B × H	540 x 390 x 635 mm
Weight	16,0 kg
Order no.	09932000/09931000

Supplied: Suction hose Ø 35 mm, 5 m antistatic, suction hose Ø 38 mm, 2,5 m antistatic (only ESS 35 MP), handle with air slide, 2 suction tubes stainless steel Ø 38 mm, 0,5 m, coarse dirt floor nozzle, crevice nozzle, round brush, tool adapter Ø 34-37 mm, tool adapter Ø 26-28/30-32/35-37 mm, fleece filter bag, disposal bag (only ESS 35 MP)

Additional scope of supply - ESS 35 MP



Antistatic hose with large hose diameter for coarse dirt



Disposal bag

Industrial vacuum cleaner/wet-dry
ESS 35 LP
ESS 35 MP

The new EIBENSTOCK generation with full equipment and antistatic hose equipment

APPLICATION:

- Use as an M-class construction dust extractor for power tools as well as for cleaning vehicles, residential and commercial areas
- No interruption of work due to patented, permanent filter cleaning with constantly high suction power -> time and cost saving

FEATURES:

- Automatic, impulse filter cleaning by air backflushing
- Cleaning of the patented cartridge pleated filter
- Electronics - soft start with switch-on delay and overrun
- Volume flow display - optical and acoustic monitoring of suction power (MP)
- Stepless suction power regulation
- Volume flow monitoring - adjustable to 5 different hose diameters (MP)
- Consistently high volume flow - increases filter service life, reduces time and costs
- Water detection with sensor shut-off
- Special plastic tank - very stable due to low center of gravity, easy emptying
- Comfortable length of the connection cable of 10 meters
- Antistatic hoses can be conveniently connected

Optionally available Adapter plate for attaching of tool cases of different brands

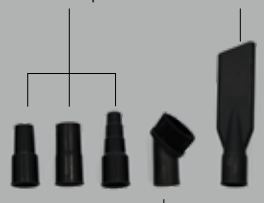
For all common system cases Suitable



Extensive scope of delivery - standard

Tool adapter

Joint nozzle



Round brush nozzle

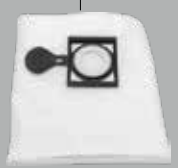


Coarse dirt floor nozzle

Antistatic hose prevents electrostatic charge



Fleece filter bag



Stainless steel suction tubes



A Suction Accessories

	1	Folded filter	35361000	8	Round nozzle	35368000
	2	Fleece filter bag (5 pcs.)	35362000	9	Power tool adapter 26-28/30-32/35-37 mm	35369000
	3	Disposal bag (5 pcs.)	35364000	10	Power tool adapter 34-37 mm	35670000
	4	Vacuum tubes, stainless steel (2 pcs.)	35365000	11	Power tool adapter 42-44 mm	35371000
	5	Coarse dirt floor nozzle	35366000	12	Suction hose Ø 35 mm (antistatic, 5m)	35372000
	6	Rubber strips (2-piece) for coarse dirt floor nozzle	35367000	13	Suction hose Ø 38 mm (antistatic, 2.5m)	35329000
	7	Crevices nozzle	35373000	14	Adapter plate for tool cases	35328000

Advantages at a glance





Industrial vacuum cleaner DSS 25 M

The „M“-cleaner for harmful dust

APPLICATION:

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

FEATURES:

– Automatic filter cleaning (electromagnetic pulse) – cleaning of the filter, complete dedusting of the cartridges
– Electronic – soft start with deferred rundown switching
– Flow rate indicator – optical and acoustic monitoring of the suction performance
– Volume flow control adjustable to different hose diameters
– Consistently high flow rate – increases filter life, reduction of time and costs
– Diffuser – avoids stirring up of exhaust air
– Water recognition with sensor disconnection
– 2 polyester filter cassettes – high efficiency, durable, easy to clean
– Filter surface 8600 cm² – high constant suction performance
– Compact design – smaller height, same volume
– Special-plastic tank– low centre of gravity, easy cleaning of walls
– Special plastic bag for clean disposal
– Large storage tray for accessories and machines
– Hose connection with bayonet and twist balancing
– Hose ends are interchangeable – easy hose extension, dust free transport
– Flush, stabel fasteners

25 l

Dust retention capacity min. 99.9 % according to BGIA dust class M

SPECIFICATIONS	DSS 25 M
Max. power input	1400 W
Rated voltage	230 V ~
Tank volume (max.)	25 l
Dust volume (net)	20 l
Max. air flow	73 l/s
Max. vacuum	270 mbar
Dimensions L × B × H	457 x 400 x 535 mm
Weight	11.7 kg
Order no.	09917000

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





Industrial vacuum cleaner DSS 35 M iP

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

Permanent Clean



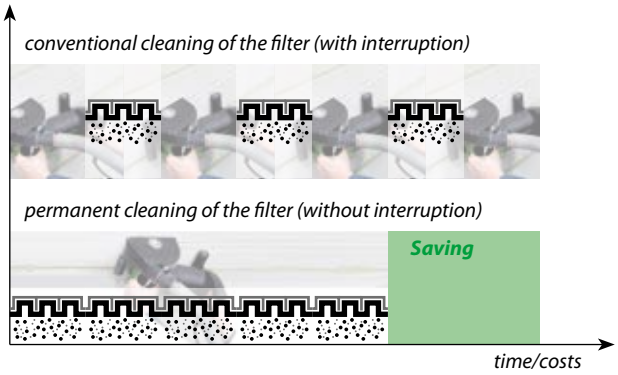
APPLICATION:

– 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
– Electronic – soft start with deferred rundown switching
– 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
– 2 polyester filter cassettes – high efficiency, durable
– Filter surface 8600 cm² – high constant suction performance
– Special-plastic tank– low centre of gravity, easy cleaning of walls
– Special plastic bag for clean disposal
– Large storage tray for accessories and machines
– Carrying handle with retractable cable hook and hose take-up
– Hose connection with bayonet and twist balancing
– Hose ends are interchangeable – easy hose extension, dust free transport
– Flush, stabel fasteners

Comparison: slitting of channels of the same length



Dust retention capacity min. 99.9 % according to BGIA dust class M

35 l

SPECIFICATIONS	DSS 35 M IP
Max. power input	1600 W
Rated voltage	230 V ~
Tank volume (max.)	35 l
Dust volume (net)	25 l
Max. air flow	75 l/s
Max. vacuum	280 mbar
Dimensions L × B × H	550 × 400 × 550 mm
Weight	14.0 kg
Order no.	09919000

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





50 l



Pump vacuum cleaner EPS 50

The powerful wet vacuum cleaner with pump function

APPLICATION:
- **Absorb water up to 2.3 m deep, simultaneous pumping and delivery up to 9 m high**
– faster and more efficient compared to conventional methods
– on construction sites, in case of floods, for fire restoration, pipe damage, flat roof restoration, pond or pool cleaning and other cleaning tasks
– for roofers, construction companies, fire brigades, technical relief organizations, caretaker services, housing associations

FEATURES:
– particularly robust container made of impact-resistant plastic
– high-performance pump with a flow volume of up to 14,000 Litres per hour
– separate filter net for rough particle
– suction length max. 8 m, suction height max. 2,3 m
– 10 m wastewater hose with C-pipe connection
– also suitable for normal vacuum use
– high safety through PRCD circuit breaker



powerful pump



C-pipe connection for wastewater

SPECIFICATIONS	EPS 50
Power input (cleaner)	1300 W
Power input (pump)	900 W
Rated voltage	230 V ~
Max. suction	230 mbar
Volume flow rate (Vac. cleaner)	70 l/s
Volume flow rate (pump)	14 000 l/h
Max. pumping head	9 m
Tank volume 50 l	50 l (gross)
Wastewater connection	C-pipe
Length of suction hose	7 m
Length of discharge hose 10 m	10 m
Weight	15 kg
Order no.	09927000

Supplied: 4 x 0,5 m suction hose plastic ø 38 mm, 7 m suction hose, 10 m discharge hose, integrated wastewater pump, filter net with zipper, pond nozzle, crevice nozzle, wet floor nozzle 360 mm width







A Vacuuming ACCESSORIES

			SS 1401 L	DSS 25	DSS 50	DSS 35	
	1	Accessory-kit stainless steel 2 stainless steel suction tubes, handle tube with air switch, floor nozzle, padding nozzle, crevices nozzle, nozzle body with water insert	-	x	x	x	35315000
	2	Fleece filter bag (5 pieces)					
			x	-	-	-	35323000
			-	x	-	x	35321000
			-	-	x	-	35326000
	3	Disposal bag (5 pieces) for M-cleaners					
			-	x	x	x	35320000
			x	-	-	-	35324000
	4	Filter cassettes polyester, 2 parts	-	x	x	x	35301000
	5	Folded filter	x	-	-	-	35322000
	6	Suction tubes (plastic), 2 parts	x	x	x	x	35314000
	7	Handle tube with air switch	-	x	x	x	35207000
	8	Nozzle body with water insert	-	x	x	x	35308000
	9	Water nozzle	x	x	x	x	35311000
	10	Rubber nozzle, cone-shaped	x	x	x	x	35205000
	11	Floor nozzle (switchable)	x	x	x	x	35304000
	12	Coarse dirt floor nozzle	x	x	x	x	35327000
	13	Crevices nozzle	x	x	x	x	35203000
	14	Rubber sleeve, stepped Ø 25,5-26,5 mm/Ø 30,5-32,5 mm/Ø 36-38 mm	x	x	x	x	35316000
	15	Hose connection, vacuum cleaner sided (bayonet)	-	x	x	x	35313000
	16	Hose connection, machine sided	-	x	x	x	35313500
	17	Suction hose Ø 35 mm					
		5.00 m	-	x	x	x	35302000
		3.20 m	-	x	x	x	35307000
	18	Antistatic hose Ø 35 mm					
		5.00 m	-	x	x	x	35319000

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