



**EIBENSTOCK**  
Elektrowerkzeuge



**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.



### 1993

Privatisation as „Elektrowerkzeuge GmbH Eibenstock“.



**EIBENSTOCK**  
Elektrowerkzeuge

### 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 SBI/23 – 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 founded 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 90 % 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 that are exported to more than 80 countries worldwide and that are leading in special product ranges.

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 100 years quality products used in industry and craft trade

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## 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 7.00 am to 4.30 pm, Monday to Thursday, and from 7.00 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.

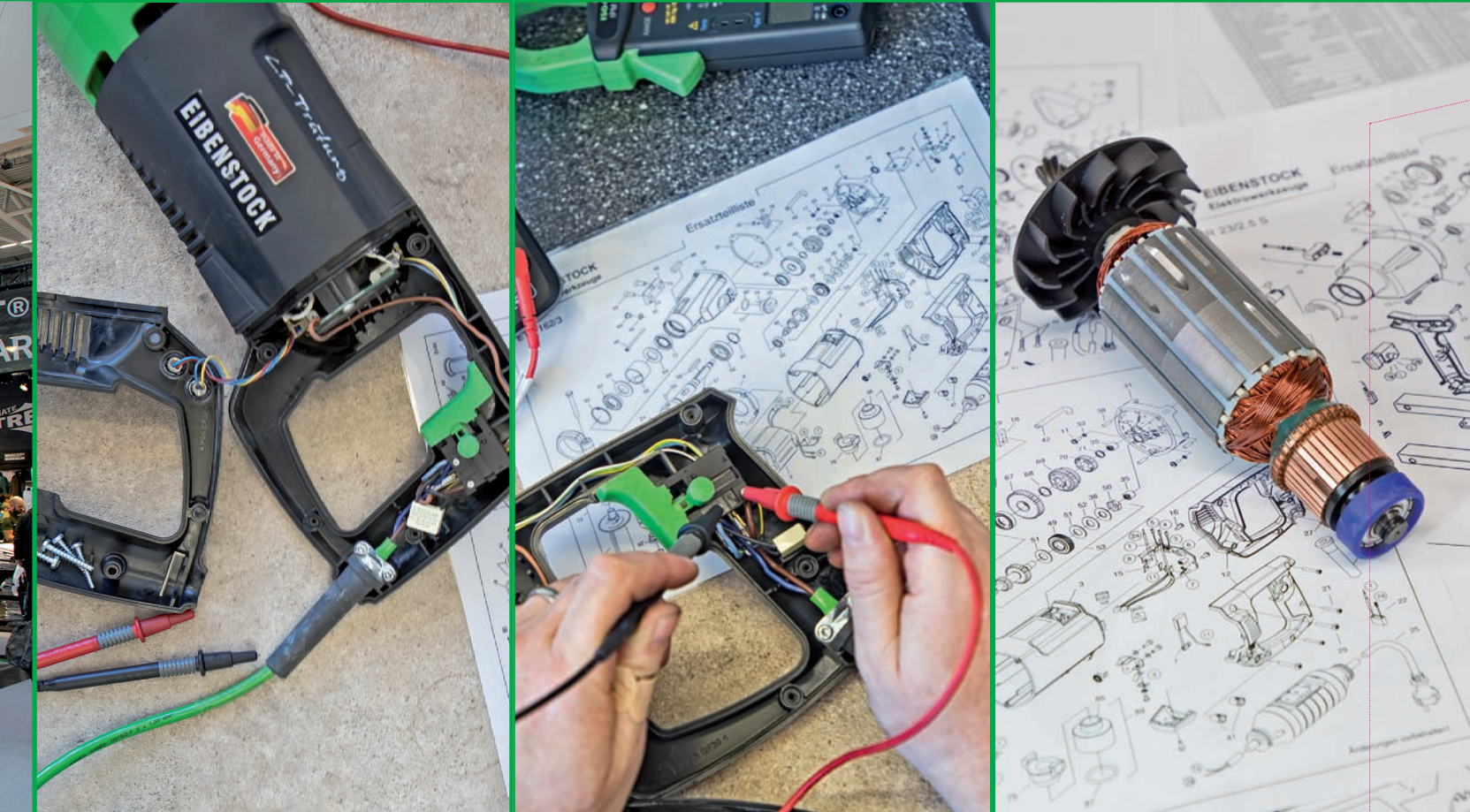
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## CUSTOMER CONTACT

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](mailto: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

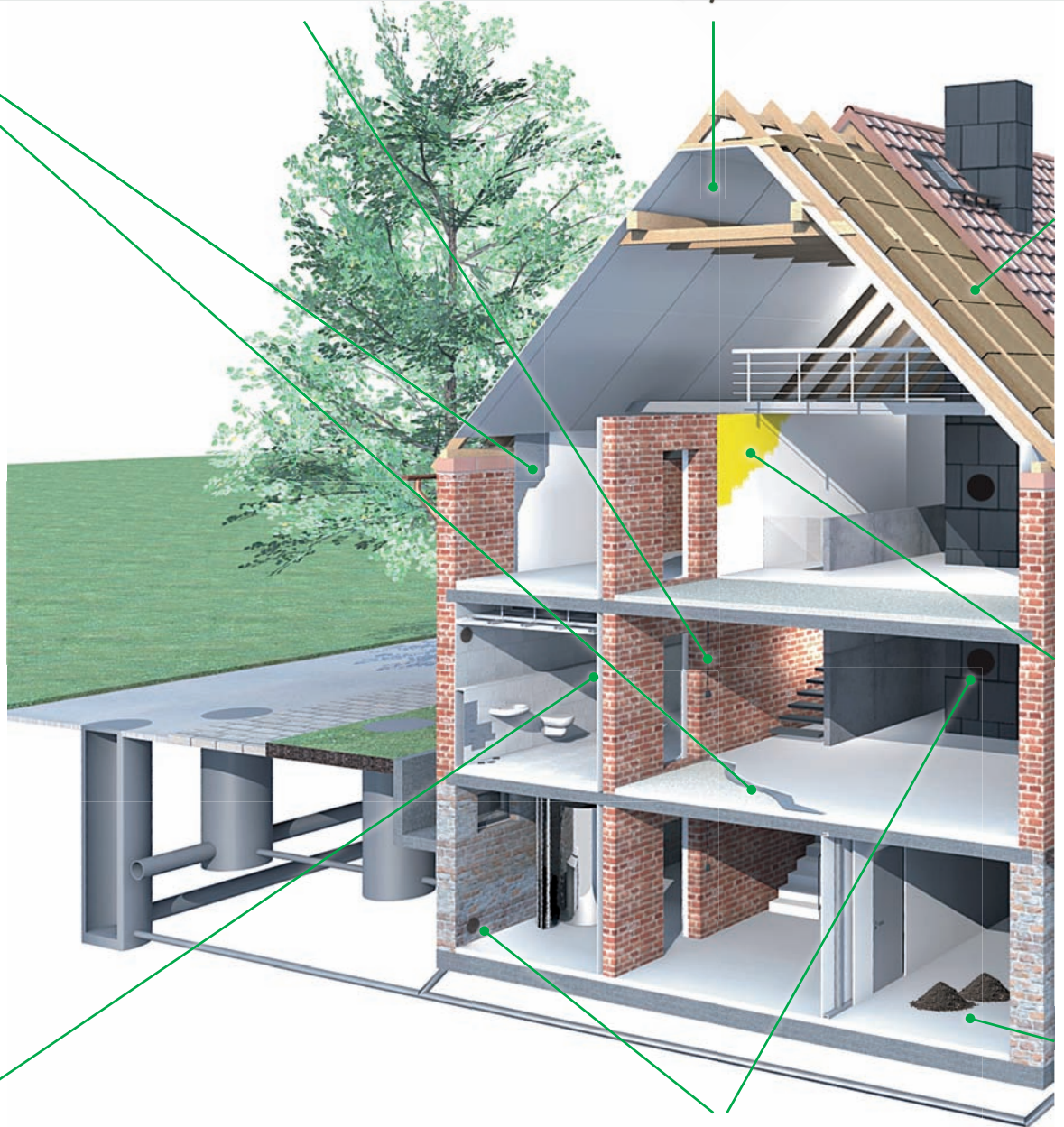
■ Sanding surfaces, milling/  
redeveloping surfaces



■ Slitting of installation  
channels



■ Assembly and sanding  
of drywall installations



■ Drilling of tiles and slabs



■ Drilling/  
installation openings



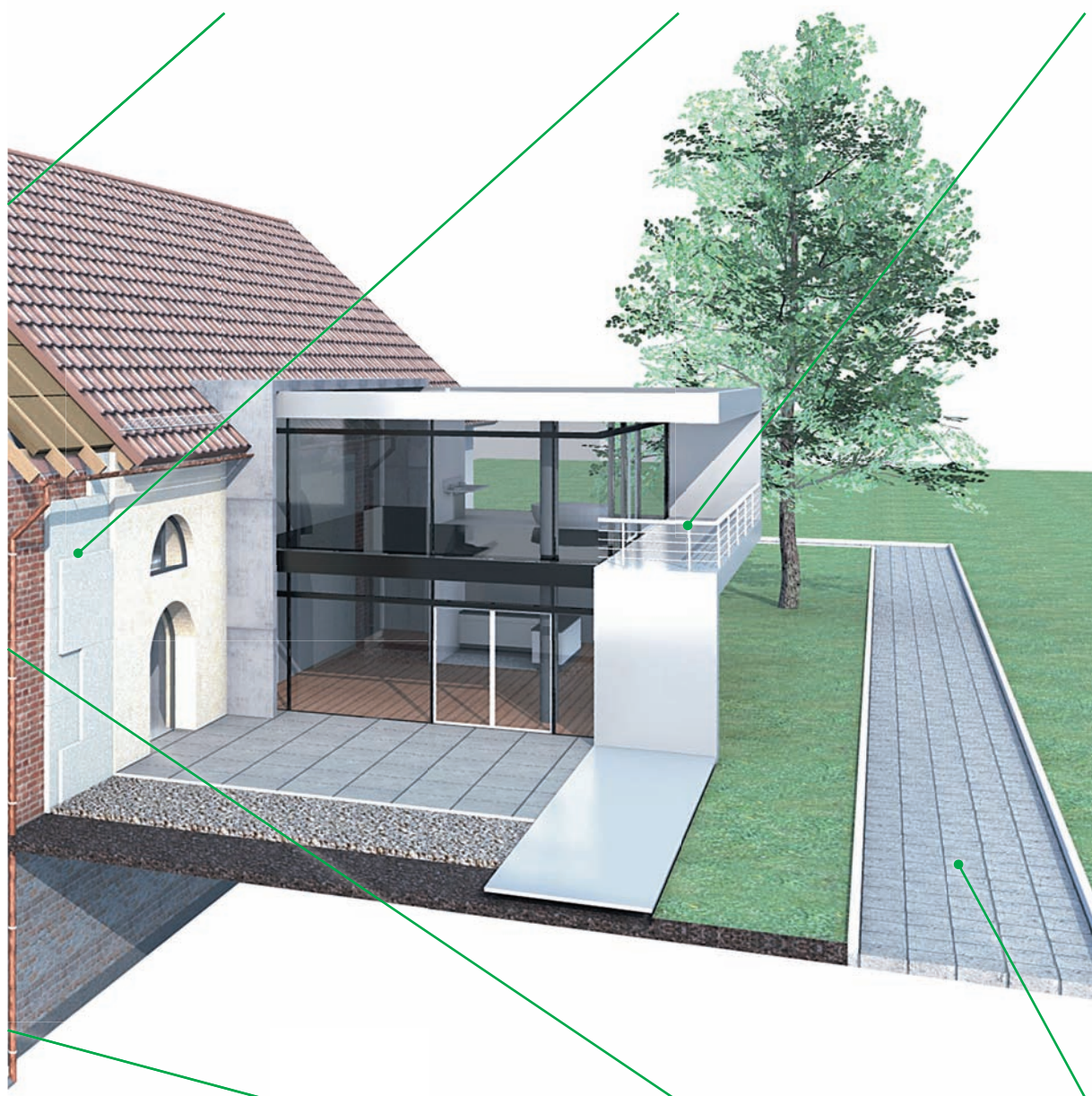
**Drilling and screwing of wood and metal**



**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/<br>Stucco plasterer | Electrician | Tiler | Floor fitters | Sanitary, heating, ven-<br>tilation construction | Chimney builder | Roofer/Carpenter | Gardening and lands-<br>caping/Stonemason | Dry-wall installation | Civil engineering | Steel and metal<br>construction | Drilling operation | Page |
|--------------------------------------|------------------------------|-------------|-------|---------------|--|-----------------|------------------|---|-----------------------|-------------------|---------------------------------|--------------------|------|
| <b>Drilling/Screwing</b>             |                              |             |       |               |  |                 |                  |   |                       |                   |                                 |                    |      |
| EHB 16/1.4 S R/L                     |                              |             |       |               |  |                 | x                |   |                       |                   | x                               |                    | 12   |
| EHB 16/2.4 S R/L                     |                              |             |       |               |  |                 | x                |   |                       |                   | x                               |                    | 12   |
| EHB 20/2.4                           |                              |             |       |               |  |                 | x                |   |                       |                   | x                               |                    | 13   |
| EHB 32/2.2 R R/L                     |                              |             |       |               |  |                 | x                |   |                       |                   | x                               |                    | 14   |
| EHB 32/4.2                           |                              |             |       |               |  |                 | x                |   |                       |                   | x                               |                    | 14   |
| Dry-wall screwdriver ESR 450         |                              |             |       |               |  |                 |                  |   | x                     |                   |                                 |                    | 15   |
| <b>Diamond dry core drills</b>       |                              |             |       |               |  |                 |                  |   |                       |                   |                                 |                    |      |
| EHD 1500                             |                              | x           |       |               | x  |                 |                  |   |                       |                   |                                 |                    | 22   |
| EHD 2000 S                           |                              | x           |       |               | x  |                 |                  |   |                       |                   |                                 |                    | 24   |
| EHD 1801                             |                              |             |       |               | x  | x               |                  |   |                       |                   |                                 |                    | 26   |
| ESD 1801                             |                              | x           |       |               | x  |                 |                  |   |                       |                   |                                 |                    | 28   |
| <b>Diamond wet-dry core drills</b>   |                              |             |       |               |  |                 |                  |   |                       |                   |                                 |                    |      |
| ETN 162/3                            |                              | x           |       |               | x  | x               |                  |   |                       | x                 |                                 | x                  | 30   |
| PLD 182.1 NT                         |                              | x           |       |               | x  | x               |                  |   |                       | x                 |                                 | x                  | 32   |
| <b>Diamond wet core drills</b>       |                              |             |       |               |  |                 |                  |   |                       |                   |                                 |                    |      |
| END 712 P                            |                              |             | x     |               | x  |                 |                  | x   |                       | x                 | x                               |                    | 34   |
| END 1550 P                           |                              | x           | x     |               | x  |                 |                  | x   |                       | x                 | x                               |                    | 36   |
| <b>Diamond core drilling units</b>   |                              |             |       |               |  |                 |                  |   |                       |                   |                                 |                    |      |
| DBE 162                              |                              | x           |       |               | x  | x               |                  |   |                       | x                 |                                 | x                  | 46   |
| PLE 182                              |                              | x           |       |               | x  | x               |                  |   |                       | x                 |                                 | x                  | 47   |
| DB 201                               |                              |             |       |               |  |                 |                  |   |                       | x                 |                                 |                    | 48   |
| DBE 182                              |                              | x           |       |               | x  |                 |                  |   |                       | x                 |                                 | x                  | 49   |
| DBE 250 R                            |                              |             |       |               | x  |                 |                  |   |                       | x                 |                                 | x                  | 50   |
| DBE 352                              |                              |             |       |               | x  |                 |                  |   |                       | x                 |                                 | x                  | 51   |
| PLE 450 B                            |                              |             |       |               | x  |                 |                  |   |                       | x                 |                                 | x                  | 52   |
| Tile drilling machine EFB 68         |                              |             | x     |               |  |                 |                  | x   |                       |                   |                                 |                    | 56   |
| Tile drilling machine EFB 152 PX     |                              |             | x     |               |  |                 |                  | x   |                       |                   |                                 |                    | 58   |
| <b>Mixing</b>                        |                              |             |       |               |  |                 |                  |   |                       |                   |                                 |                    |      |
| Stirrer EHR 14.1 SK Set              | x                            |             | x     | x             |  | x               |                  |   | x                     |                   |                                 |                    | 62   |
| Stirrer EHR 15.2 SB Set              | x                            |             | x     | x             |  | x               |                  |   |                       | x                 |                                 |                    | 62   |
| Stirrer EHR 18.1 S Set               | x                            |             | x     | x             |  | x               |                  |   |                       | x                 |                                 |                    | 63   |
| Stirrer EHR 20.1 R Set               | x                            |             | x     | x             |  | x               |                  | x   |                       | x                 |                                 |                    | 63   |
| Stirrer EHR 20/2.6 S Set             | x                            |             | x     | x             |  | x               |                  | x   |                       | x                 |                                 |                    | 64   |
| Stirrer EHR 23/2.5 S Set             | x                            |             |       | x             |  |                 |                  | x   |                       | x                 |                                 |                    | 64   |
| Stirrer EHM 162 S Set                | x                            |             |       | x             |  |                 |                  | x   |                       | x                 |                                 |                    | 65   |
| Contra twin stirrer EZR 24 R R/L Set | x                            |             |       | x             |  |                 |                  |   |                       | x                 |                                 |                    | 65   |
| Petrol stirrer EHR 750 B             |                              |             |       |               |  |                 |                  | x   |                       | x                 |                                 |                    | 66   |
| Mixing station TwinMix 1800 T        | x                            |             | x     | x             |  |                 |                  | x   |                       | x                 |                                 |                    | 70   |
| Mixing station FloorMix 2300         | x                            |             | x     | x             |  |                 |                  |   |                       | x                 |                                 |                    | 72   |
| Mixing station Automix 1801          | x                            |             |       | x             |  |                 |                  |   |                       | x                 |                                 |                    | 74   |
| Mixing station Automix 90            | x                            |             |       | x             |  |                 |                  |   |                       | x                 |                                 |                    | 74   |



|   | Painter/<br>Stucco plasterer | Electrician | Tiler | Floor fitters | Sanitary, heating, ven-<br>tilation construction | Chimney builder | Roofer/Carpenter | Gardening and lands-<br>caping/Stonemason | Dry-wall installation | Civil engineering | Steel and metal<br>construction | Drilling operation | Page |
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| <b>Sanding/Milling/Smoothing</b>        |                              |             |       |               |  |                 |                  |   |                       |                   |                                 |                    |      |
| Scabblers and scouring machine EPF 1503 | x                            |             | x     | x             |  |                 |                  |   |                       | x                 |                                 |                    | 82   |
| Concrete grinder EBS 120.1              |                              |             | x     | x             |  |                 |                  |   |                       | x                 |                                 |                    | 83   |
| Concrete grinder EBS 125.4 O            |                              |             | x     | x             |  |                 |                  |   |                       | x                 |                                 |                    | 84   |
| Concrete grinder EBS 125.4 RO           |                              |             | x     | x             |  |                 |                  |   |                       | x                 |                                 |                    | 84   |
| Concrete grinder EBS 1802               |                              |             | x     | x             |  |                 |                  |   |                       | x                 |                                 |                    | 85   |
| Concrete grinder EBS 1802 SH            |                              |             | x     | x             |  |                 |                  |   |                       | x                 |                                 |                    | 85   |
| Concrete grinder EBS 180 H              |                              |             | x     | x             |  |                 |                  |   |                       | x                 |                                 |                    | 86   |
| Concrete grinder EBS 180 F              |                              |             | x     | x             |  |                 |                  |   |                       | x                 |                                 |                    | 87   |
| Concrete grinder EBS 235.1              |                              |             | x     | x             |  |                 |                  |   |                       | x                 |                                 |                    | 88   |
| Long reach renovation grinder ELS 125 D | x                            |             | x     |               |  |                 |                  |   |                       | x                 |                                 |                    | 89   |
| Surface milling machine EOF 100.1       | x                            |             |       | x             |  |                 | x                |   |                       |                   |                                 |                    | 92   |
| Long reach sander ELS 225.1             | x                            |             |       |               |  |                 |                  |   | x                     |                   |                                 |                    | 94   |
| Dry-wall sander ETS 225                 | x                            |             |       |               |  |                 |                  |   | x                     |                   |                                 |                    | 95   |
| Insulation board sander EWS 400         | x                            |             |       |               |  |                 |                  |   |                       | x                 |                                 |                    | 95   |
| Plaster smoothing ma. EPG 400 A         | x                            |             |       |               |  |                 |                  |   |                       | x                 |                                 |                    | 96   |
| Plaster smoothing ma. EPG 400           | x                            |             |       |               |  |                 |                  |   |                       | x                 |                                 |                    | 97   |
| Plaster smoothing ma. EPG 400 WP        | x                            |             |       |               |  |                 |                  |   |                       | x                 |                                 |                    | 97   |
| <b>Sawing/Cutting/Slitting</b>          |                              |             |       |               |  |                 |                  |   |                       |                   |                                 |                    |      |
| Diamond saw EDS 125                     |                              |             | x     |               |  |                 |                  | x   |                       |                   |                                 |                    | 101  |
| Cutting tables ETT 700/ETT 1200         |                              |             | x     |               |  |                 |                  | x   |                       |                   |                                 |                    | 103  |
| Diamond saw EDS 181                     |                              |             | x     | x             |  |                 |                  | x   |                       | x                 |                                 |                    | 104  |
| Universal cutting saw EST 350.2         |                              |             |       |               |  |                 |                  | x   |                       | x                 |                                 |                    | 106  |
| Cutting and grinding system ETR 230     |                              |             |       |               |  |                 | x                | x   |                       | x                 | x                               |                    | 107  |
| Cutting systems ETR 350.1 P/ETR 400.1 P |                              |             |       |               |  |                 | x                | x   |                       | x                 | x                               | x                  | 108  |
| Double blade sword saw EDB 480.1        |                              |             |       |               |  |                 | x                |   | x                     | x                 |                                 |                    | 110  |
| Wall chaser EMF 125.2                   |                              | x           |       |               |  |                 |                  |   |                       |                   |                                 |                    | 112  |
| Wall chaser EMF 150.1                   |                              | x           |       |               |  |                 |                  |   |                       |                   |                                 |                    | 113  |
| Wall chaser EMF 180.2                   |                              |             |       |               | x  |                 |                  |   |                       |                   |                                 |                    | 114  |
| <b>Polishing/Calendering</b>            |                              |             |       |               |  |                 |                  |   |                       |                   |                                 |                    |      |
| Polisher WPN 180                        |                              |             | x     |               |  |                 |                  | x   |                       |                   |                                 |                    | 120  |
| Calender ESM 1310/ESM 1311 Set          |                              |             |       |               |  |                 | x                |   |                       |                   | x                               |                    | 121  |
| <b>Pumping/Vacuuming</b>                |                              |             |       |               |  |                 |                  |   |                       |                   |                                 |                    |      |
| Construction cleaner SS 1401 L          | x                            | x           | x     | x             | x  | x               | x                | x   | x                     | x                 | x                               | x                  | 124  |
| Industrial vacuum cleaner DSS 25 A      | x                            | x           | x     | x             | x  | x               | x                | x   | x                     | x                 | x                               | x                  | 125  |
| Industrial vacuum cleaner DSS 50 A      | x                            | x           | x     | x             | x  | x               | x                | x   | x                     | x                 | x                               | x                  | 125  |
| Industrial vacuum cleaner DSS 25 M      | x                            | x           | x     | x             | x  | x               | x                | x   | x                     | x                 | x                               | x                  | 126  |
| Industrial vacuum cleaner DSS 35 M iP   | x                            | x           | x     | x             | x  | x               | x                | x   | x                     | x                 | x                               | x                  | 127  |
| Pump vacuum cleaner EPS 50              |                              |             |       |               |  |                 | x                | x   |                       | x                 |                                 |                    | 128  |



## DIRECTORY

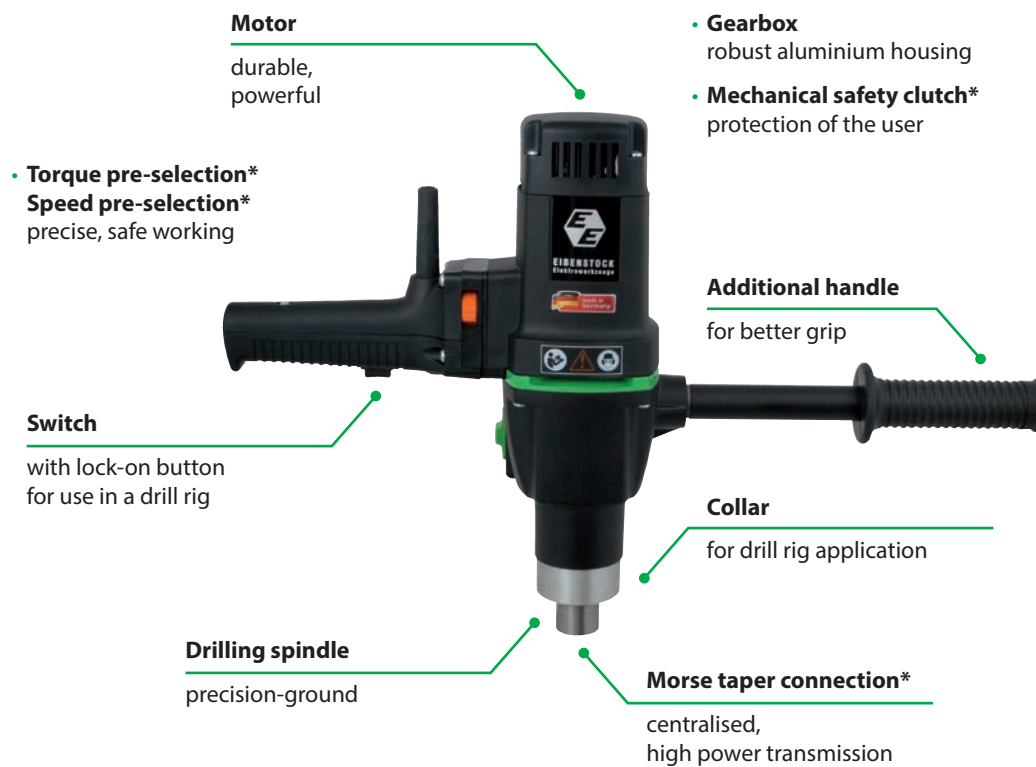
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| Pump vacuum cleaner/Industrial vacuum cleaner | 124-128    |
| Accessories                                   | 129        |

# DRILLING SCREWING





| Model  | Page | Max. drilling diameter  | Spindle connection | Power input | Rated speed                 |
|--|------|---|--------------------|-------------|-----------------------------|
| <b>DRILLING</b>  |      |   |                    |             |                             |
| <br>EHB 16/1.4 S R/L<br><b>0121E000</b>   | 12   |  Wood 65 mm<br> Alu 28 mm<br> Steel 20 mm        | 5/8" x 16 UN       | 1150 W      | 0-450 rpm                   |
| <br>EHB 16/2.4 S R/L<br><b>0122H000</b>   | 12   |  Wood 65 mm<br> Alu 28 mm<br> Steel 20 mm        | 5/8" x 16 UN       | 1150 W      | 0-430/<br>0-760 rpm         |
| <br>EHB 20/2.4<br><b>0132A000</b>        | 13   |  Wood 70 mm<br> Alu 40 mm<br> Steel 20 mm       | MT 2               | 1150 W      | 250/<br>450 rpm             |
| <br>EHB 32/2.2 R R/L<br><b>0152H000</b> | 14   |  Wood 100 mm<br> Alu 60 mm<br> Steel 32 mm | MT 3               | 1800 W      | 60-140/<br>200-470 rpm      |
| <br>EHB 32/4.2<br><b>0154A000</b>       | 14   |  Wood 100 mm<br> Alu 60 mm<br> Steel 32 mm | MT 3               | 1700 W      | 110/175/<br>245/385 rpm     |
| <b>SCREWING</b>  |      |   |                    |             |                             |
| <br>ESR 450<br><b>06102000</b>          | 15   |  5 mm  | 1/4"               | 450 W       | No-load speed<br>0-4000 rpm |



\* not present on all models

## FEATURES OF HAND-HELD DRILLING MACHINES

The EIBENSTOCK high performance hand-held drills are great for drilling steel, aluminium, plastic, hard and soft wood. All machines are robust and powerful for continuous use and high operational reliability.

EIBENSTOCK drilling machines are mainly used in the metal working and assembly industries as well as steel construction, machinery, plant and vehicles renovation and the carpentry and wood industries.



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



Ø 20  
in steel

1

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



Ø 20  
in steel

2

### Compact models

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



| SPECIFICATIONS                 | EHB 16/1.4 S R/L |
|--------------------------------|------------------|
| Power input                    | 1150 W           |
| Rated voltage                  | 230 V ~          |
| Rated speed                    | 0-450 rpm        |
| No-load speed                  | 0-650 rpm        |
| Max. drilling-Ø wood/alu/steel | 65/28/20 mm*     |
| Reversible                     | yes              |
| Spindle connection             | 5/8" x 16 UN     |
| Collar diameter                | 43 mm            |
| Weight                         | 3.2 kg           |
| Order no.                      | 0121E000         |

Supplied in a box  
incl. drill chuck key

\* Drill with shaft 16 mm

| SPECIFICATIONS                 | EHB 16/2.4 S R/L |
|--------------------------------|------------------|
| Power input                    | 1150 W           |
| Rated voltage                  | 230 V ~          |
| Rated speed                    | 0-430/0-760 rpm  |
| No-load speed                  | 0-700/0-1200 rpm |
| Max. drilling-Ø wood/alu/steel | 65/28/20 mm*     |
| Reversible                     | yes              |
| Spindle connection             | 5/8" x 16 UN     |
| Collar diameter                | 43 mm            |
| Weight                         | 3.5 kg           |
| Order no.                      | 0122H000         |

Supplied in a box  
incl. drill chuck key



## Hand-held drilling machine EHB 20/2.4



Ø 20  
in steel

MT 2

## Magnetic drill rig B 32.1



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

### High torque model

#### APPLICATION:

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

#### FEATURES:

- 2-speed gearbox – ideal transmission for high torques
- 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/L and EHB 32/4.2 models

| SPECIFICATIONS                 | EHB 20/2.4                         |
|--------------------------------|------------------------------------|
| Power input                    | 1150 W                             |
| Rated voltage                  | 230 V ~                            |
| Rated speed                    | 250/450 rpm                        |
| No-load speed                  | 400/730 rpm                        |
| Max. drilling-Ø wood/alu/steel | 70/40/20 mm                        |
| Reversible                     | no                                 |
| Spindle connection             | MT 2                               |
| Collar diameter                | 46 mm                              |
| Weight                         | 4.2 kg                             |
| Order no.                      | 0132A000                           |
| Supplied                       | in a box<br>incl. drill drift MT 2 |

| SPECIFICATIONS         | B 32.1   |
|------------------------|--|
| Power input            | 110 W  |
| Rated voltage          | 230 V ~  |
| Magnetic holding force | 16000 N  |
| Size of magnet         | 220 x 110 mm   |
| 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,<br>weldon mounting shank MT 3<br>and assembly tools |





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

Reversible



Ø 32  
in steel

2

## Hand-held drilling machine EHB 32/4.2



Ø 32  
in steel

4

## Powerful models

### APPLICATION:

- Hand-held or stand mounted drilling in wood, aluminium, steel
- Screwing and tapping (EHB 32/2.2 R R/L 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 (EHB 32/2.2 R R/L) – protection of the machine
- Torque control, speed regulation and constant speed (EHB 32/2.2 R R/L) – optimal adjustment to material and drilling diameter
- Mechanical safety clutch – protection of the user
- Morse taper connection – versatile spindle connection



| 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<br>incl. drill drift MT 3 |

| 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<br>incl. drill drift MT 3 |





## Dry-wall screwdriver ESR 450

### The compact and powerful entry level

#### APPLICATION:

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

#### FEATURES:

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



belt clip


 detachable depth gauge  
 with notch stops


**Ø5**  
 in Wood

#### SPECIFICATIONS

#### ESR 450

|                      |                    |
|----------------------|--------------------|
| Power input          | 450 W              |
| Rated voltage        | 230 V ~            |
| No-load speed        | 0-4000 rpm         |
| Screws in wood       | $\varnothing$ 5 mm |
| Corner accessibility | 33.0 mm            |
| Collar diameter      | -                  |
| Spindle connection   | 1/4"               |
| Weight               | 1.2 kg             |

Order no. 06102000









Supplied in a box incl. depth gauge





## Drilling ACCESSORIES

### FOR HAND-HELD DRILLING MACHINES

|   |  |  |
|---|--|--|
|    | <p>1 Magnetic drill rig B 32.1<br/>for EHB 32/2.2 R R/L and EHB 32/4.2</p>   | <p>09507000</p>  |
|    | <p>2 Weldon mounting shank<br/>MK 3 - Ø 19 mm</p>  | <p>33125000</p>  |
|    | <p>3 Taper mandrel<br/>B 16/MT 2<br/>B 18/MT 2<br/>B 18/MT 3</p>   | <p>33111000<br/>33112000<br/>33122000</p>              |
|  | <p>4 Quick action drill chuck<br/>½" x 20    Ø 13 mm<br/>B 16        Ø 13 mm<br/>B 16        Ø 16 mm<br/>⅝" x 16 UN    Ø 16 mm</p> | <p>33433000<br/>33431000<br/>33441000<br/>33444000</p> |
|  | <p>5 Scroll chuck<br/>B 18        Ø 16 mm</p>  | <p>33342000</p>  |
|  | <p>6 Adapter<br/>MT 2 male - M 14 female<br/>MT 3 male - M 14 female</p>   | <p>33113000<br/>33123000</p>                           |
|  | <p>7 Drill chuck key<br/>16</p>  | <p>33540000</p>  |
|  | <p>8 Plastic case<br/>for EHB 16, EHB 20/2.4</p>   | <p>37332000</p>  |

# DIAMOND CORE DRILLING





| Model   | Page  | Dry/wet drilling | Spindle connection   | Power input              | Rated speed (*No-load speed) |                                 |
|---|---|------------------|--|--------------------------|------------------------------|---------------------------------|
| <b>DRY CORE DRILLING</b>  |   |                  |  |                          |                              |                                 |
| EHD 1500<br><b>03E11000</b>                                       |    | 22               |  32-82 mm   | M 18 male                | 1500 W                       | 0-2000 rpm                      |
| EHD 2000 S<br><b>0332L000</b>                                     |    | 24               |  32-132 mm  | M 18 male                | 1700 W                       | 0-1000/<br>0-2000 rpm           |
| EHD 1801<br><b>0331U000</b>                                       |    | 26               |  max.<br>250 mm   | M 18 male                | 1800 W                       | 0-550 rpm                       |
| ESD 1801<br><b>03217000</b>                                       |  | 28               |  max.<br>90 mm  | M 18 male                | 1800 W                       | 0-2050 rpm                      |
| <b>WET-DRY CORE DRILLING</b>                                      |   |                  |  |                          |                              |                                 |
| ETN 162/3<br><b>03E31000</b>                                      |  | 30               |  12-202 mm<br> 12-162 mm | G½" female +<br>1¼" male | 2200 W                       | 0-510/<br>0-1150/<br>0-2500 rpm |
| <b>PowerLine</b><br>PLD 182.1 NT<br><b>0343X000</b><br><b>NEW</b> |  | 32               |  12-202 mm<br> 12-182 mm | G½" female +<br>1¼" male | 2300 W                       | 0-520/<br>0-1200/<br>0-2500 rpm |
| <b>WET CORE DRILLING</b>  |   |                  |  |                          |                              |                                 |
| END 712 P<br><b>03015000</b>                                      |  | 34               |  up to 18 mm  | M 12 x 1.5 male          | 700 W                        | 0-8000 rpm                      |
| END 1550 P<br><b>03114000</b>                                     |  | 36               |  6-68 mm  | G½" female               | 1500 W                       | 1800-<br>4400 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 DSS range!

| Model  |   | Page | Dry/wet drilling   | Spindle connection       | Power input | Rated speed<br>(*No-load speed) |
|--|---|------|--|--------------------------|-------------|---------------------------------|
| <b>CORE DRILLING UNITS</b>                       |   |      |  |                          |             |                                 |
| DBE 162<br><b>03E35000</b>                       |    | 46   |  12-202 mm<br> 12-162 mm | G½" female +<br>1¼" male | 2200 W      | 0-510/<br>0-1150/<br>0-2500 rpm |
| <b>PowerLine</b><br>PLE 182<br><b>0343S000</b>   |    | 47   |  12-202 mm<br> 12-182 mm | G½" female +<br>1¼" male | 2300 W      | 0-520/<br>0-1200/<br>0-2500 rpm |
| DB 201<br><b>0B33R000</b>                        |    | 48   |  202 mm   | G½" female +<br>1¼" male | 2500 W      | *675 rpm                        |
| DBE 182<br><b>03E34000</b>                       |   | 49   |  12-202 mm  | G½" female +<br>1¼" male | 2300 W      | 480/<br>1080/<br>2350 rpm       |
| DBE 250 R<br><b>0352I000</b>                     |  | 50   |  52-252 mm  | 1¼" male                 | 2500 W      | 360/<br>850 rpm                 |
| DBE 352<br><b>03642000</b>                       |  | 51   |  42-352 mm  | 1¼" male                 | 3000 W      | 230/<br>500/<br>1030 rpm        |
| <b>PowerLine</b><br>PLE 450 B<br><b>0373B000</b> |  | 52   |  72-452 mm  | 1¼" male                 | 3300 W      | 180/<br>400/<br>780 rpm         |
| EFB 68<br><b>0662H000</b>                        |  | 56   |  20-68 mm   | M 14 male                | 1400 W      | *3000-<br>10000 rpm             |
| EFB 152 PX<br><b>0662B000</b>                    |  | 58   |  6-120 mm   | G½" female               | 1150 W      | 250-1000 rpm                    |

DIAMOND CORE DRILLING



## CHARACTERISTICS OF DIAMOND CORE DRILLS

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





| 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<br>HB, drill bit for socket outlets Ø<br>82 mm and centering drill |

## 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-dimensional switch button – good control and effortless working



overload indication



EHD 1500 Set





# A Diamond dry core drill EHD 1500 – ACCESSORIES

## WITHOUT DUST EXTRACTION

### Material



for brickwork, soft concrete

Centering shaft  
spring loaded



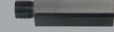
35612000

Drill bit for socket outlets dry M 16



A Ø 68 mm and Ø 82 mm

Adapter H



M 16 m - M 18 f

35512000

Adapter SDS



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

35514000

M 18 m



DIAMOND CORE DRILLING

## WITH DUST EXTRACTION HB

### Material



for brickwork, soft concrete

Centering drill



35614000

Drill bit for socket outlets dry M 16



B Ø 68 mm and Ø 82 mm

Dust  
extraction HB



M 16 m - M 18 f

35242000



for sand-lime brick



35614000



C Ø 68 mm and Ø 82 mm

A B C Diamond drill bits see page 53



Sharpening block  
200 x 100 x 50 mm

35910000



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 DSS range!



## ▶▶ Diamond dry core drill EHD 2000 S

### 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



| SPECIFICATIONS     | EHD 2000 S                    |
|--------------------|-------------------------------|
| Power input        | 1700 W                        |
| Rated voltage      | 230 V~                        |
| Rated speed        | 0-1000/0-2000 rpm             |
| No-load speed      | 0-1500/0-3000 rpm             |
| Drilling diameter  | 32-132 mm                     |
| Spindle connection | M 18 male                     |
| Collar diameter    | 53 mm                         |
| Weight             | 5.5 kg                        |
| Order no.          | 0332L000                      |
| Supplied           | in a case without accessories |



# A Diamond dry core drill EHD 2000 S – ACCESSORIES

## WITHOUT DUST EXTRACTION

### Material



for brickwork, soft concrete

Centering shaft  
spring loaded



35612000

Drill bit for socket outlets dry M 16



A Ø 68 mm and Ø 82 mm

Adapter H



M 16 m - M 18 f

35512000

Adapter SDS



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

35514000

M 18 m



DIAMOND CORE DRILLING

## WITH DUST EXTRACTION HB

### Material



for brickwork, soft concrete

Centering drill



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 Ø 68 mm and Ø 82 mm

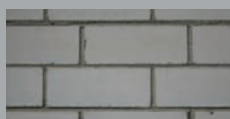
NEW

Dust  
extraction HB



M 16 m - M 18 f

35242000



for sand-lime brick



35614000



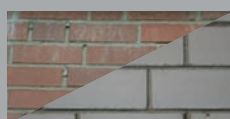
for hard sand-lime brick



35614000

## 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 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 53



Sharpening block  
200 x 100 x 50 mm

35910000



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 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



| 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)





## Diamond dry core drill EHD 1801 – ACCESSORIES

WITH DUST EXTRACTION M 18 - 1¼"

### Material



for brickwork,  
sand-lime brick



for ceramic pipes,  
e.g. for chimneys

### Centering rod

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

### Diamond dry drill bits 1¼"

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

### Ceramic drill bit 1¼"

**F** 150 mm, Ø 182 mm

### Dust extraction

1¼" m - M 18 f  
**35230000**

M 18 m



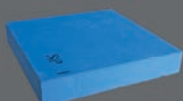
Hazardous dust (e. g. silica dust) has to be suctioned by a Dust Class M Vacuum Cleaner! For our electric power tools we are recommending to use a Vacuum Cleaner of our Eibenstock DSS range!

DIAMOND CORE DRILLING

**D E F** Diamond drill bits see page 53



**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 44)  
**09648000**



| 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  | 68-92 mm                      |
| Spindle connection | M 18 male                     |
| Collar diameter    | 53 mm                         |
| Weight             | 5.9 kg                        |
| Order no.          | 03217000                      |
| Supplied           | in a case without accessories |

## Diamond dry soft percussion core drill ESD 1801

### 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



# A Diamond dry soft percussion core drill ESD 1801 – ACCESSORIES

## WITHOUT DUST EXTRACTION

### Material



for brickwork, soft concrete

Centering shaft  
spring loaded



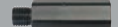
35612000

Drill bit for socket outlets dry M 16



A Ø 68 mm and Ø 82 mm

Adapter H



M 16 m - M 18 f

35512000

Adapter SDS



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

35514000

M 18 m



DIAMOND CORE DRILLING

## WITH DUST EXTRACTION HB

### Material



for brickwork, soft concrete

Centering drill



35614000

Drill bit for socket outlets dry M 16



B Ø 68 mm and Ø 82 mm



for sand-lime brick



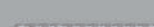
35614000



C Ø 68 mm and Ø 82 mm



for reinforced concrete,  
sand-lime brick



35615000

Diamond dry drill  
bits M 16



G 150 mm  
Ø 52-82 mm

Spacer



35241000  
for Ø 52 mm

Dust  
extraction HB

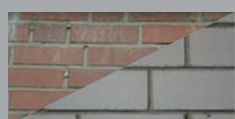


M 16 m - M 18 f

35242000

## 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 82 mm

E 420 mm, Ø 52-82 mm

Dust  
extraction



1¼" m - M 18 f

35230000

A B C D E G Diamond drill bits see page 53



Sharpening block  
200 x 100 x 50 mm

35910000



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 DSS range!

Centering shaft, spring loaded  
for dust extraction H 35240000

35612000

35613000

70 mm

150 mm



| SPECIFICATIONS               |                | ETN 162/3   |            |
|------------------------------|----------------|---|------------|
| Power input                  |                | 2200 W  |            |
| Rated voltage                |                | 230 V ~   |            |
| Rated- /No-load speed        |                | 0-510/-1.150/-2.500 rpm   |            |
| C<br>(w<br>Drilling diameter | oncrete<br>et) | 1. Gear   | 82-162 mm  |
|                              |                | 2. Gear   | 42-82 mm   |
|                              |                | 3. Gear   | 12-42 mm   |
| Br<br>(dr                    | ickwork<br>y)  | 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 |            |

## 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





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

## FOR WET DRILLING

### Material



for reinforced concrete



for reinforced concrete

### Diamond wet drill bits R½"

- H** 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

(from Ø 80 mm drill rig required)

 Centering device with water collection  
max. Ø 82 mm


## 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

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 DSS range!



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

**35812000**
**D E H I J**

Diamond drill bits see page 53



**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

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

+ 25, 38, 41, 51, 61, 68, 82 mm



**Drill rig**  
BST 182 V/S (see page 44)

**09646000**

**Diamond core drilling unit**  
DBE 162 (see page 46)

**03E35000**



## PowerLine



**Optimized efficiency with special gearbox  
adjustment for powerful drilling progress  
Robust full-aluminium-housing**



### 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        | 1. Gear 82-182 mm        |
|                    | Brickwork       | 2. Gear 42-82 mm         |
|                    |                 | 3. Gear 12-42 mm         |
| Spindle connection | Collar diameter | 1. Gear 122-202 mm       |
|                    |                 | 2. Gear 62-122 mm        |
|                    |                 | 3. Gear 12-62 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 for continuous 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

(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

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 DSS range!



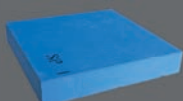
**Water tank**  
10 l metal, incl. 3.5 m hose with Gardena-Connector

**35812000**
**D E H I J**

Diamond drill bits see page 53



**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 44)

**09646000**

**Connecting adapter**  
universal tool holder/  
collar Ø 60 mm

**35829000**


**Diamond core drilling unit**  
PLE 182 (see page 47)

**03435000**



| 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                                     | 12 mm |
|                        | hollow drill bits                                   | 18 mm |
| Spindle connection     | M 12 x 1.5 male                                     |       |
| Collar diameter        | 43 mm   |       |
| Weight                 | 2.6 kg  |       |
| Order no.              | 03015000  |       |
| Supplied               | in a case incl. depth gauge,<br>jaw wrench SW 13/17 |       |

## Diamond wet drill END 712 P

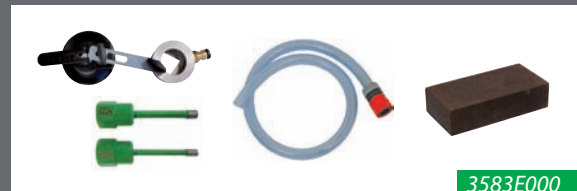
### The fast model for up to Ø 18 mm

#### 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)



3583E000

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



# A Diamond wet drill END 712 P – ACCESSORIES

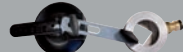
## FOR WET DRILLING

### Material



for concrete, tiles

Centering device with  
drilling template



3583A000

Diamond wet full drill bits



**K** 150 mm, Ø 6-12 mm

Centering device with  
drilling template



3583A000

Diamond wet full drill bits

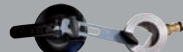


**L** 60 mm, Ø 6-12 mm



for concrete, tiles

Centering device with  
drilling template



3583A000

Diamond wet hollow drill bits



**M** 60 mm, Ø 6-18 mm



for natural stone, tiles



### 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 53



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)



| 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.<br>quick changing adapter and<br>adapter M 12 x 1.5 m - G½" |



speed regulation



water supply control



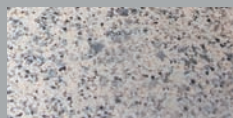
# A Diamond wet core drill END 1550 P – ACCESSORIES

## FOR WET DRILLING

### Material



for natural stone, tiles



for natural stone



for reinforced concrete



for concrete



for natural stone, tiles

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



**N** 40 mm, Ø 22-68 mm



**O** 150 mm, Ø 18-51 mm

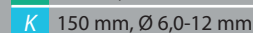


**H** 300 mm, Ø 10-31 mm

### Diamond wet full drill bits

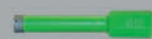


**L** 60 mm, Ø 6-12 mm



**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

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

**38004000**

### Quick change top

**38006000**

### Adapter

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

**35122000**

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

**35836000**



### 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 53



**Sharpening block**  
200 x 100 x 50 mm

**35910000**



**3 Spare seals**  
for quick change adapter

**35125000**



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

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



**Drill rig BST 90**

**09629000**

**Drill rig BST 50 V**

**09645000**

see page 44



DIAMOND CORE DRILLING



## FEATURES OF CORE DRILL MOTORS

Our core drills have a solid and sturdy construction and can be mounted to a variety of drill rigs.

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



## THE POWERFUL MOTORS




|                        |  |  |  |  |
|------------------------|--|--|--|--|
| Model                  | EBM 182/3                                | EBM 250/2 RP                             | EBM 352/3                                | <b>PowerLine</b><br><b>PLD 450.1 B</b>   |
| Power input            | 2300 W                                   | 2500 W                                   | 3000 W                                   | 3300 W                                   |
| Rated speed            | 480/1080/2350 rpm                        | 360/850 rpm                              | 230/500/1030 rpm                         | 180/400/780 rpm                          |
| No-load speed          | 480/1080/2350 rpm                        | 360/850 rpm                              | 230/500/1030 rpm                         | 300/650/1300 rpm                         |
| Constant speed         | x  | x  | x  | –  |
| Full aluminium housing | –  | –  | –  | x  |
| Drilling diameter      | 12-202 mm                                | 51-252 mm                                | 41-352 mm                                | 71-452 mm                                |
| Spindle connection     | G½" female-1¼" male                      | 1¼" male                                 | 1¼" male                                 | 1¼" male                                 |
| Machine connection     | Quick-mounting system                    | Universal tool holder                    | Universal tool holder                    | Universal tool holder                    |
| Weight                 | 6.7 kg                                   | 10.5 kg                                  | 12.5 kg                                  | 15.3 kg                                  |
| Order no.              | 03E33000                                 | 0352H000                                 | 03641000                                 | 0373C000                                 |
| Supplied               | in a box<br>incl. jaw wrench<br>SW 32/41 | in a box<br>incl. jaw wrench<br>SW 32/41 | in a box<br>incl. jaw wrench<br>SW 32/41 | in a box<br>incl. jaw wrench<br>SW 32/41 |



**Patented system**



**Reducing ring**  
(see accessories  
page 55)


 Ø 60 - Ø 53 mm  
 Ø 60 - Ø 43 mm

**If required, also order!**

| SPECIFICATIONS     | EBW 2300           |
|--------------------|--------------------|
| Working height     | 1460-2300 mm       |
| Collar diameter    | max. 60 mm         |
| Weight             | 39.0 kg            |
| Order no.          | 09654000           |
| Supplied           | in a box           |
| <b>Accessories</b> | <b>Machine arm</b> |
| Working height     | 300-1460 mm        |
| Order no.          | 3582E000           |

## Drill rig "Bohrwurm" EBW 2300

### Body-protecting drilling with low risk potential

#### APPLICATION:

- For EIBENSTOCK diamond core drills as well as core drills and hammer drills from various manufacturers with 60 mm collar diameter
- The mobile drill rig for drilling up to 2.30 m working height
- Sanitary, heating and ventilation construction, other installation companies, civil engineering, drilling operators

#### FEATURES:

- Fatigue-free and relaxed drilling
- Reduces the risk of accidents to a minimum – no injuries of the wrists in the case of blocking
- Hydraulic height adjustment enables a safe lowering of the machine incl. drill bit and drill core
- The max. drilling height may not exceed 2.30 m
- No installation damages on the wall like during the use of „conventional“ drill rigs
- Short set-up times, also for high drillings
- High efficiency for series drillings at the same height
- Easy and space saving transport



## THE FEATURES OF THE DRILL RIG "BOHRWURM" EBW 2300



### Easy assembly

single components can be put together without any tools

### Valve

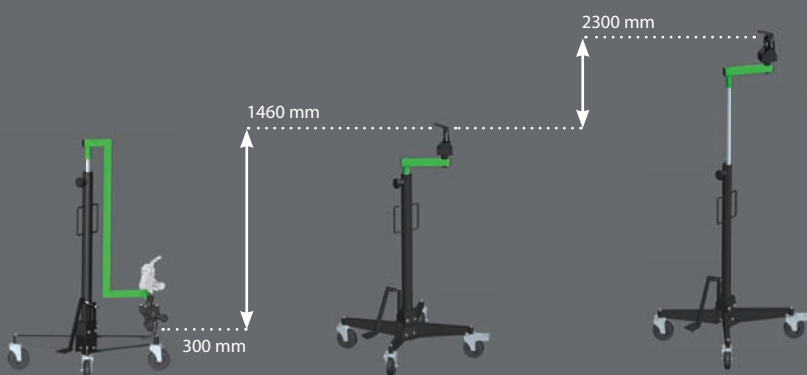
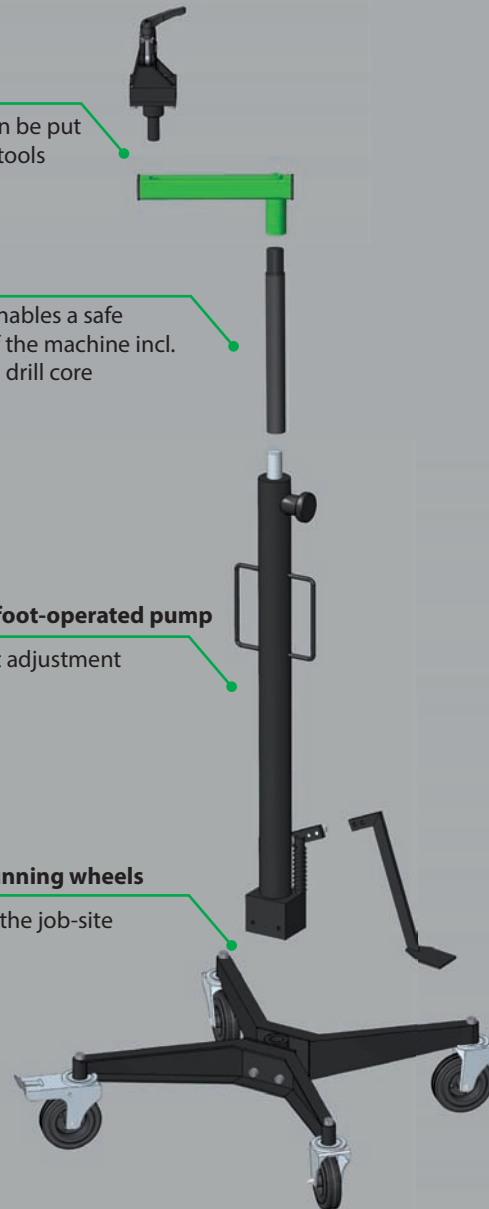
hydraulic enables a safe lowering of the machine incl. drill bit and drill core

### Hydraulic foot-operated pump

easy height adjustment

### Smooth-running wheels

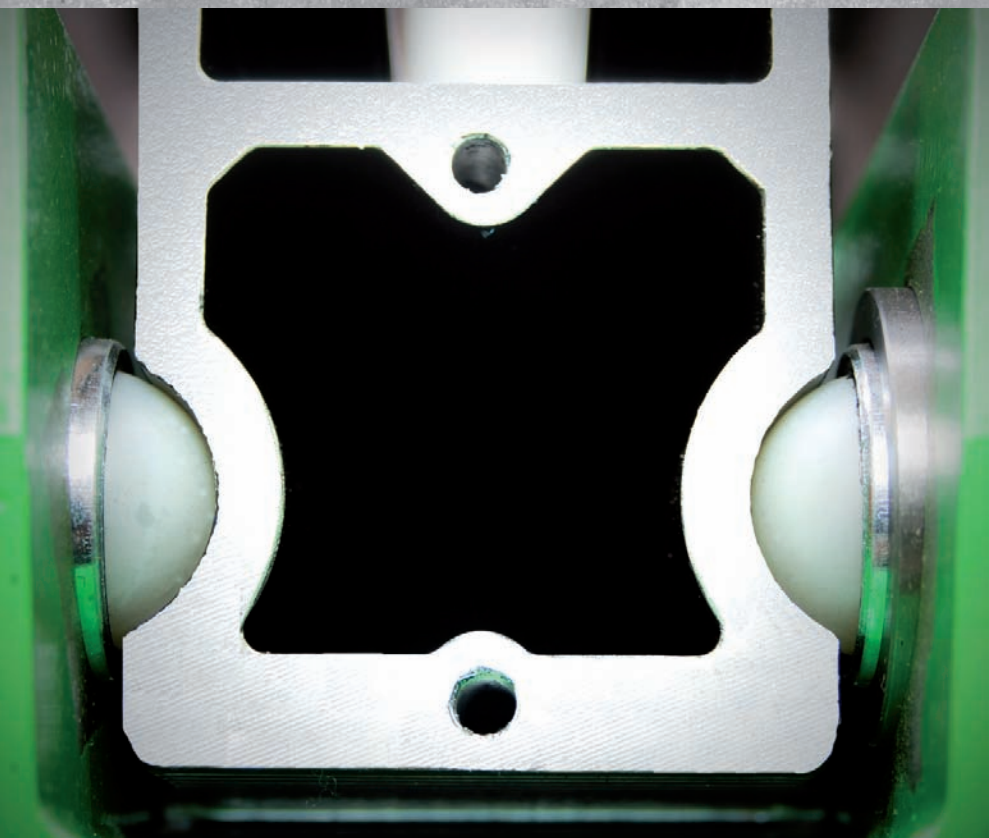
mobility at the job-site



Accessory:

Machine arm  
Working height 300-1460 mm







**Machine connection**

can be used with drill motors of various brands

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



**Scale**

easy adjustment of drilling depth

**Toothing**

wide and constant, precise, long-lived

**Aluminium colum\***

high torsional strength, light, 45° swivel

**Adjusting screws**

robust, exact adjustment

**Hole centre indicator\***

exact positioning

**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

**Additional handle\***

easy transport

**Rollers\***

quick to mount, easy and light transport

*\* not present on all models*

**Base**

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






**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.

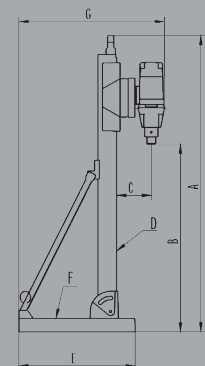
## DRILL RIGS



|  |   |   |  |  |
|--|---|---|--|--|
| Model  | BST 50 V*   | BST 90  | KBS 250  | BST 182 V/S*   |
| <b>Max. drilling-Ø at 90°</b>                  | <b>68 mm</b>  | <b>102 mm</b><br>42 mm (vacuum)   | <b>250 mm</b> (brickwork)  | <b>202 mm</b>  |
| Column length* <sup>1</sup> /<br>Material      | 290 mm/<br>Aluminium  | 680 mm/<br>Aluminium  | 850 mm/<br>Aluminium   | 995 mm/<br>Aluminium   |
| Guides/<br>Bearings                            | quadruple<br>on sliding pieces  | quadruple<br>on sliding pieces  | quadruple<br>on sliding pieces   | quadruple<br>on special balls  |
| Quick-mounting<br>system                       | –   | –   | –  | x    |
| Universal tool holder                          | –   | –   | –  | –  |
| Collar mounting                                | Ø 53 mm  | Ø 53 mm  | Ø 53 mm <br>Ø 60 mm | Ø 60 mm with<br>connecting<br>adapter* <sup>3</sup> * <sup>4</sup>  |
| Max. inclination                               | –   | adjustable up to 45°  | –  | adjustable up to 45°   |
| Weight   | 6.8 kg  | 7.0 kg  | 7.8 kg   | 14.0 kg  |
| Space saving base<br>(anchor)                  | –   | –   | 222 x 175 mm   | –  |
| Combined base* <sup>2</sup><br>(anchor/vacuum) | –   | 240 x 170 mm  | –  | 330 x 250 mm   |
| Special mounting                               | 2 suction feet<br>(manual)  | –   | special for chimney and<br>heating construction  | –  |
| Order no.                                      | 09645000  | 09629000  | 09648000   | 09646000   |
| Supplied                                       | in a box<br>incl. assembly tools  | in a box<br>incl. assembly tools  | in a box<br>incl. assembly tools   | in a box<br>incl. assembly tools   |

\* with braces \*<sup>1</sup> other lengths on request \*<sup>2</sup> Vacuum set necessary (accessory) \*<sup>3</sup> max. drilling-Ø up to 202 mm \*<sup>4</sup> as accessory

| Dimensions<br>in mm    | DBE<br>162    | PLE<br>182    | DB<br>201     | DBE<br>182    | DBE<br>250 R  | DBE<br>352    | PLE<br>450 B  |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| A                      | 1050          | 1050          | 855           | 1050          | 1040          | 1030          | 1116          |
| B                      | 700           | 830           | 530           | 700           | 685           | 620           | 600           |
| C                      | 130           | 120           | 120           | 130           | 195           | 200           | 240           |
| D                      | 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           | 330           | 430           | 400           | 294           |
| F                      | 250           | 250           | 170           | 250           | 330           | 310           | 194           |
| G                      | 510           | 500           | 370           | 510           | 590           | 600           | 570           |
| Power input            | 2200 W        | 2300 W        | 2500 W        | 2300 W        | 2500 W        | 3000 W        | 3300 W        |
| <b>max. drill. - Ø</b> | <b>162 mm</b> | <b>182 mm</b> | <b>202 mm</b> | <b>202 mm</b> | <b>252 mm</b> | <b>352 mm</b> | <b>452 mm</b> |





| Model                              | BST 250   | BST 352 V*  | <b>PowerLine</b><br><b>PLB 450*</b>   | <b>PowerLine</b><br><b>PLB 450 G*</b>   |
|------------------------------------|---|---|---|---|
| <b>Max. drilling-Ø at 90°</b>      | <b>252 mm</b>   | <b>352 mm</b>   | <b>452 mm</b>   | <b>452 mm</b>   |
| Column length*1/<br>Material       | 995 mm/<br>Aluminium  | 995 mm/<br>Aluminium  | 960 mm/<br>Steel  | 960 mm/<br>Aluminium  |
| Guides/<br>Bearings                | quadruple<br>on sliding pieces  | quadruple<br>on special balls<br>              | 8-fold<br>on steel rolls<br>at the rear<br> | 4-fold<br>on sliding pieces,<br>reinforced at the rear<br> |
| Quick-mounting<br>system           | –   | –   | –   | –   |
| Universal tool holder              | x    | x    | x                                        | x    |
| Collar mounting                    | Ø 60 mm with<br>connecting<br>adapter *3 *4  | Ø 60 mm with<br>connecting<br>adapter *3 *4  | –                                        | –    |
| Max. inclination                   | adjustable up to 45°  | adjustable up to 45°  | 75°/60°/45°   | 75°/60°/45°   |
| Special features                   |   |   | – torsion-resistant column<br>– rear-mounted carriage<br>– steel toothing,<br>easy to change                                  | – integrated fine feed 1:3<br>– torsion-resistant column<br>– rear-mounted carriage<br>– steel toothing,<br>easy to change                    |
| Weight                             | 15.5 kg   | 22.5 kg   | 27.0 kg   | 26.0 kg   |
| Space saving base<br>(anchor)      | 430 x 330 mm  | –   | 295 x 195 mm  | 295 x 195 mm  |
| Combined base*2<br>(anchor/vacuum) | –   | 400 x 310 mm  | –   | –   |
| Special mounting                   | –   | –   | –   | –   |
| Order no.                          | 09631000  | 09647000  | 0962M000  | 09656000  |
| Supplied                           | in a box<br>incl. assembly tools  | in a box<br>incl. assembly tools  | in a box<br>incl. assembly tools  | in a box<br>incl. assembly tools  |

### **PowerLine PLB 450 G**

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



| 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<br>dry 12-202 mm               |
| Spindle connection   | 1/2" female + 1/4" male                      |
| Column length        | 995 mm                                       |
| Hub                  | 700 mm                                       |
| Weight               | 20.7 kg                                      |
| Order no.            | 03E35000                                     |
| Supplied             | ETN 162/3 + BST 182 V/S<br>without drill bit |

## 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 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
- 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



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





## Diamond core drilling unit PLE 182

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

#### APPLICATION:

- 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

## PowerLine

Optimized efficiency  
with special gearbox  
adjustment for  
powerful drilling  
progress

Robust full-  
aluminium-  
housing



DIAMOND CORE DRILLING



| SPECIFICATIONS     | PLE 182  |
|--------------------|--|
| Power input        | 2300 W   |
| Rated voltage      | 230 V ~  |
| Rated speed        | 0-520/-1.200/-2.500 rpm  |
| No-load speed      | 0-1000/-2.200/-4.400 rpm   |
| Drilling diameter  | wet 12-182 mm<br>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 +<br>connecting adapter,<br>without drill bit |





Now up to 202 mm  
drilling diameter



Ø 202



| SPECIFICATIONS     | DB 201  |
|--------------------|---|
| Power input        | 2500 W  |
| Rated voltage      | 230 V ~   |
| No-load speed      | 675 rpm   |
| Drilling diameter  | 202 mm  |
| Spindle connection | G $\frac{1}{2}$ " female + 1 $\frac{1}{4}$ " male |
| Column length      | 790 mm  |
| Hub                | 550 mm  |
| Weight             | 15.5 kg   |
| Order no.          | 0B33R000  |
| Supplied           | in a box without accessories                      |

## 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 R $\frac{1}{2}$ " and 1 $\frac{1}{4}$ " drill bits
- Motor and rig as a complete unit
- Handy, robust and economical
- Space-saving, compact drilling unit – low weight



## Diamond core drilling unit DBE 182

### The unit for drilling up to Ø 202 mm

#### APPLICATION:

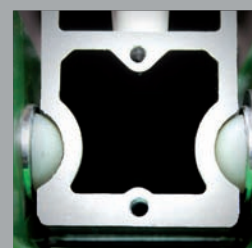
- Wet drilling in reinforced concrete, natural stone and asphalt
- Electrical installation, sanitary and heating installations, civil engineering, industrialised building

#### 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
- Retrofittable 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<br>without drill bit |



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



Ø 252



#### 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    | 1 1/4" male |
| Column length         | 995 mm      |
| Hub                   | 600 mm      |
| Weight                | 26.0 kg     |

Order no. 03521000

Supplied EBM 250/2 RP + BST 250 without drill bit

## Diamond core drilling unit DBE 250 R

### The unit for drilling up to Ø 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
- Retrofittable wheel axle (accessory) – easy transport



## **Diamond core drilling unit DBE 352**

### The powerful unit for drillings up to Ø 352 mm

#### APPLICATION:

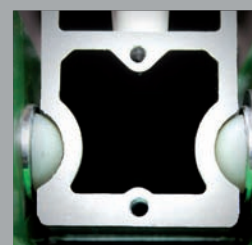
- Wet drilling in reinforced concrete, natural stone and asphalt
- Civil engineering

#### 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
- 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



| 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<br>without drill bit |



BST 352 V:  
mounted carriage on 4 special balls



# PowerLine

Optimized performance  
with strong motor



Ø452



| SPECIFICATIONS     | PLE 450 B                                  |
|--------------------|--|
| Power input        | 3300 W                                     |
| Rated voltage      | 230 V ~                                    |
| Rated speed        | 180/400/780 rpm                            |
| No-load speed      | 300/650/1300 rpm                           |
| Drilling diameter  | 71-452 mm                                  |
| Spindle connection | 1¼" male                                   |
| Column length      | 960 mm                                     |
| Hub                | 620 mm                                     |
| Weight             | 35.8 kg                                    |
| Order no.          | 0373B000                                   |
| Supplied           | PLD 450.1 B + PLB 450<br>without drill bit |

## Diamond core drilling unit PLE 450 B

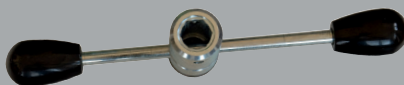
### The robust, powerful unit for drillings up to Ø 452 mm

#### 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
- 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



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



**DIAMOND DRILL BITS**

| Diameter  | Usable length | Segments |          | Diameter            | Usable length  | Segments |          |          |          |
|---|---------------|----------|----------|---------------------|--|----------|----------|----------|----------|
| <b>Drill bit for socket outlets M 16 – dry – brickwork, sand-lime brick</b> |               |          |          |                     |  |          |          |          |          |
| A   | Ø 68 mm       | 70 mm    | 3        | 35473000            | J  | Ø 161 mm | 450 mm   | 12       | 36316100 |
|   | Ø 82 mm       | 70 mm    | 5        | 35471000            |  | Ø 171 mm | 450 mm   | 12       | 36317100 |
| B   | Ø 68 mm       | 70 mm    | 3        | 35474000            |  | Ø 181 mm | 450 mm   | 13       | 36318100 |
|   | Ø 82 mm       | 70 mm    | 5        | 35472000            |  | Ø 201 mm | 450 mm   | 14       | 36320100 |
| C   | Ø 68 mm       | 70 mm    | 3        | 35475000            |  | Ø 211 mm | 450 mm   | 15       | 36321100 |
|   | Ø 82 mm       | 70 mm    | 5        | 35476000            |  | Ø 225 mm | 450 mm   | 15       | 36322500 |
| <b>Drill bit for socket outlets M 16 – dry – hard sand-lime brick</b>       |               |          |          |                     |  |          |          |          |          |
| C   | Ø 82 mm       | 70 mm    | 4        | 35478000            |  | Ø 250 mm | 450 mm   | 16       | 36325000 |
| <b>Diamond dry drill bits 1¼" – brickwork, sand-lime brick</b>              |               |          |          |                     |  |          |          |          |          |
| D   | Ø 82 mm       | 200 mm   | 5        | 36A08200            |  | Ø 257 mm | 450 mm   | 16       | 36325700 |
|   | Ø 112 mm      | 200 mm   | 5        | 36A11200            | Ø 300 mm   | 450 mm   | 24       | 36330000 |          |
|   | Ø 132 mm      | 200 mm   | 6        | 36A13200            | Ø 350 mm   | 450 mm   | 28       | 36335000 |          |
|   | Ø 152 mm      | 200 mm   | 6        | 36A15200            | Ø 400 mm   | 450 mm   | 32       | 36340000 |          |
|   | Ø 162 mm      | 200 mm   | 7        | 36A16200            | Ø 450 mm   | 450 mm   | 33       | 36345000 |          |
|   | Ø 172 mm      | 200 mm   | 7        | 36A17200            | <b>Diamond wet full drill bits M 12 – concrete, tiles</b>            |          |          |          |          |
|   | Ø 182 mm      | 200 mm   | 8        | 36A18200            | K  | Ø 6 mm   | 150 mm   |          | 36120600 |
|   | Ø 192 mm      | 200 mm   | 8        | 36A19200            |  | Ø 8 mm   | 150 mm   |          | 36120800 |
|   | Ø 202 mm      | 200 mm   | 10       | 36A20200            |  | Ø 10 mm  | 150 mm   |          | 36121000 |
|   | E             | Ø 225 mm | 200 mm   | 12                  | 36A22500   | L        | Ø 12 mm  | 150 mm   |          |
| Ø 250 mm  |               | 200 mm   | 12       | 36A25000            | Ø 3.5 mm   |          | 60 mm    |          | 36110300 |
| Ø 52 mm   |               | 420 mm   | 3        | 36505200            | Ø 4 mm   |          | 60 mm    |          | 36110400 |
| Ø 62 mm   |               | 420 mm   | 3        | 36506200            | Ø 5 mm   |          | 60 mm    |          | 36110500 |
| Ø 72 mm   |               | 420 mm   | 4        | 36507200            | Ø 6 mm   |          | 60 mm    |          | 36110600 |
| Ø 82 mm   |               | 420 mm   | 5        | 36508200            | Ø 8 mm   |          | 60 mm    |          | 36110800 |
| Ø 102 mm  |               | 420 mm   | 5        | 36510200            | Ø 10 mm  | 60 mm    |          | 36111000 |          |
| Ø 112 mm  |               | 420 mm   | 5        | 36511200            | Ø 12 mm  | 60 mm    |          | 36111200 |          |
| Ø 122 mm  |               | 420 mm   | 6        | 36512200            | <b>Diamond wet hollow drill bits M 12 – stoneware, natural stone</b> |          |          |          |          |
| Ø 127 mm  |               | 420 mm   | 6        | 36512700            | M  | Ø 6 mm   | 60 mm    | Ring     | 36130600 |
| Ø 132 mm  | 420 mm        | 6        | 36513200 | Ø 8 mm              |  | 60 mm    | Ring     | 36130800 |          |
| Ø 152 mm  | 420 mm        | 6        | 36515200 | Ø 10 mm             |  | 60 mm    | Ring     | 36131000 |          |
| Ø 162 mm  | 420 mm        | 7        | 36516200 | Ø 12 mm             |  | 60 mm    | Ring     | 36131200 |          |
| Ø 172 mm  | 420 mm        | 7        | 36517200 | Ø 14 mm             |  | 60 mm    | Ring     | 36131400 |          |
| Ø 182 mm  | 420 mm        | 8        | 36518200 | Ø 16 mm             |  | 60 mm    | Ring     | 36131600 |          |
| Ø 202 mm  | 420 mm        | 10       | 36520200 | Ø 18 mm             | 60 mm  | Ring     | 36131800 |          |          |
| <b>Ceramic drill bit 1¼" – ceramics</b>                                     |               |          |          |                     |  |          |          |          |          |
| F   | Ø 182 mm      | 150 mm   | Ring     | 36418200            | <b>Diamond wet drill bits R½" – tiles, stoneware, natural stone</b>  |          |          |          |          |
| <b>Diamond dry drill bits M 16 – reinforced concrete, sand-lime brick</b>   |               |          |          |                     |  |          |          |          |          |
| G   | Ø 52 mm       | 150 mm   | 7        | 36S05100            | N  | Ø 22 mm  | 40 mm    | Ring     | 38102200 |
|   | Ø 68 mm       | 150 mm   | 10       | 36S06700            |  | Ø 30 mm  | 40 mm    | Ring     | 38103000 |
|   | Ø 82 mm       | 150 mm   | 11       | 36S08100            |  | Ø 35 mm  | 40 mm    | Ring     | 38103500 |
| <b>Diamond wet drill bits R½" – reinforced concrete, brickwork</b>          |               |          |          |                     |  |          |          |          |          |
| H   | Ø 10 mm       | 300 mm   | Ring     | 36201000            |  | Ø 40 mm  | 40 mm    | Ring     | 38104000 |
|   | Ø 12 mm       | 300 mm   | Ring     | 36201200            |  | Ø 45 mm  | 40 mm    | Ring     | 38104500 |
|   | Ø 14 mm       | 300 mm   | Ring     | 36201400            |  | Ø 50 mm  | 40 mm    | Ring     | 38105000 |
|   | Ø 16 mm       | 300 mm   | Ring     | 36201600            |  | Ø 55 mm  | 40 mm    | Ring     | 38105500 |
|   | Ø 18 mm       | 300 mm   | Ring     | 36201800            |  | Ø 60 mm  | 40 mm    | Ring     | 38106000 |
|   | Ø 20 mm       | 300 mm   | Ring     | 36202000            |  | Ø 63 mm  | 40 mm    | Ring     | 38106300 |
|   | Ø 25 mm       | 300 mm   | Ring     | 36202500            |  | Ø 68 mm  | 40 mm    | Ring     | 38106800 |
|   | Ø 31 mm       | 300 mm   | Ring     | 36203100            |  | Ø 76 mm  | 40 mm    | Ring     | 38107600 |
|   | Ø 38 mm       | 420 mm   | Ring     | 36203800            | Ø 82 mm  | 40 mm    | Ring     | 38108200 |          |
|   | I             | Ø 41 mm  | 420 mm   | 4                   | 36204100   | Ø 102 mm | 40 mm    | Ring     | 38110200 |
| Ø 51 mm   |               | 420 mm   | 5        | 36205100            | Ø 122 mm   | 40 mm    | Ring     | 38112200 |          |
| <b>Diamond wet drill bits 1¼" – reinforced concrete, brickwork</b>          |               |          |          |                     |  |          |          |          |          |
| J   | Ø 166 mm      | 140 mm   | 12       | 36B16600            | <b>Diamond wet drill bits R½" – natural stone</b>                    |          |          |          |          |
|   | Ø 186 mm      | 140 mm   | 13       | 36B18600            | O  | Ø 18 mm  | 150 mm   | Ring     | 36C01800 |
|   | Ø 201 mm      | 140 mm   | 14       | 36B20100            |  | Ø 25 mm  | 150 mm   | Ring     | 36C02500 |
|   | Ø 41 mm       | 450 mm   | 4        | 36304100            |  | Ø 35 mm  | 150 mm   | Ring     | 36C03500 |
|   | Ø 51 mm       | 450 mm   | 5        | 36305100            |  | Ø 51 mm  | 150 mm   | Ring     | 36C05100 |
|   | Ø 61 mm       | 450 mm   | 6        | 36306100            | <b>Drill bit extensions R½" for drill bits from Ø 31 mm</b>          |          |          |          |          |
|   | Ø 71 mm       | 450 mm   | 6        | 36307100            | Ø 30 mm  | 200 mm   |          | 35462000 |          |
|   | Ø 81 mm       | 450 mm   | 7        | 36308100            | Ø 30 mm  | 300 mm   |          | 35463000 |          |
|   | Ø 91 mm       | 450 mm   | 8        | 36309100            | Ø 30 mm  | 500 mm   |          | 35465000 |          |
|   | Ø 101 mm      | 450 mm   | 9        | 36310100            | <b>Drill bit extensions 1¼" for drill bits from Ø 51 mm</b>          |          |          |          |          |
|   | Ø 106 mm      | 450 mm   | 9        | 36310600            | Ø 47 mm  | 200 mm   |          | 35452000 |          |
|   | Ø 111 mm      | 450 mm   | 9        | 36311100            | Ø 47 mm  | 300 mm   |          | 35453000 |          |
|   | Ø 121 mm      | 450 mm   | 10       | 36312100            | Ø 47 mm  | 400 mm   |          | 35454000 |          |
|   | Ø 126 mm      | 450 mm   | 10       | 36312600            | Ø 47 mm  | 500 mm   |          | 35455000 |          |
|   | Ø 131 mm      | 450 mm   | 10       | 36313100            | <b>Diamond dry drill bits, M 14 (EFB 68)</b>                         |          |          |          |          |
| Ø 141 mm  | 450 mm        | 11       | 36314100 | P                   | Ø 20 mm  | 35 mm    | Ring     | 38202000 |          |
| Ø 151 mm  | 450 mm        | 11       | 36315100 |                     | Ø 35 mm  | 35 mm    | Ring     | 38203500 |          |
|   |               |          |          |                     | Ø 40 mm  | 35 mm    | Ring     | 38204000 |          |
|   |               |          |          | Ø 50 mm             | 35 mm  | Ring     | 38205000 |          |          |
|   |               |          |          | Ø 68 mm             | 35 mm  | Ring     | 38206800 |          |          |
| <b>Diamond dry drill bits-set, M 14 (EFB 68)</b>                            |               |          |          |                     |  |          |          |          |          |
|   |               |          |          | Ø 35, 40, 50, 68 mm | 60 mm  | Ring     | 38200100 |          |          |

DIAMOND CORE DRILLING



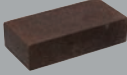
## Diamond core drilling units ACCESSORIES

**H I J**

**Diamond drill bits and drill bit extensions**  
see page 53



e.g. 1 1/4", Ø 47 mm x 500 mm



**Sharpening block**  
200 x 100 x 50 mm



**Sharpening plate**  
320 x 320 x 55 mm

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

**Slider quick release ring 1 1/4"**  
for drill bits  
1 piece

**Dust extraction**  
1 1/4" f-1 1/4" m



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



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



**Quick action bracing unit**  
1.7-3 m Hub



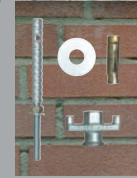
**Wheel axle**  
for BST 182 V/S, BST 250



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



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



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

### Dry drilling



**Water suction ring**



**Water suction ring**  
WR 32-152



**Spare seal**  
for Water suction ring



**Vacuum plate**  
for KBS 250



**Vacuum plate**  
for BST 250, 300, PLB 450



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



**Vacuum hose**  
Length 3 m



**Industrial vacuum cleaner**



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



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



## **A** Drill rigs and diamond core drilling units ACCESSORIES

|   |          | BST 50 V  | BST 90 | KBS 250 | BST 182 V/S | BST 250 | BST 352 V | PLB 450        | PLB 450 G | DBE 162 | PLE 182 | DB 200 | DBE 182 | DBE 250 | DBE 352 | PLE 450 B |
|---|----------|---|--------|---------|-------------|---------|-----------|----------------|-----------|---------|---------|--------|---------|---------|---------|-----------|
| Core drill motor ETN 162/3                              | 03E31000 |   |        |         | x           |         |           |                |           | x       |         |        |         |         |         |           |
| Core drill motor PLD 182                                | 0343X000 |   |        |         | x           |         |           |                |           |         | x       |        |         |         |         |           |
| Core drill motor EBM 182/3                              | 03E33000 |   |        |         | x           |         |           |                |           |         |         |        | x       |         |         |           |
| Core drill motor EBM 250/2 RP                           | 0352H000 |   |        |         |             | x       | (x)       | (x)            | (x)       |         |         |        |         | x       |         |           |
| Core drill motor EBM 352/3                              | 03641000 |   |        |         |             | (x)     | x         | (x)            | (x)       |         |         |        |         |         | x       |           |
| Core drill motor PLD 450.1 B                            | 0373C000 |   |        |         |             | (x)     | (x)       | x              | x         |         |         |        |         |         |         | x         |
| Copper ring 1¼"   | 35450000 |   |        |         | 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         |
| Dust extraction 1¼" f-1¼" m                             | 35231000 |   |        |         | x           | x       |           |                |           |         |         | x      | x       | x       |         |           |
| Fastening set concrete/stone                            | 35720000 |   | x      | x       | x           | x       | x         | x              | x         | x       | x       | x      | x       | x       | x       | x         |
| Dowels for concrete/stone                               | 35722000 |   | 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         |
| Fastening set brickwork                                 | 35724000 |   | 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         |
| Quick action bracing unit                               | 35730000 |   | 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         |
| Water tank 10 l   | 35812000 | x   | x      | x       | x           | x       | x         | x              | x         | x       | x       | x      | x       | x       | x       | x         |
| Water suction ring WR 32-152                            | 35874000 | Ø 32, 52, 82, 102, 122, 152 mm (also usable in manual mode) |        |         |             |         |           |                |           |         |         |        |         |         |         |           |
| Water suction ring WR 160                               | 35875000 |   |        |         |             |         |           |                |           |         |         | x      |         |         |         |           |
| Water suction ring WR 202                               | 3587C000 |   |        |         | x           |         |           |                |           | x       | x       |        | x       |         |         |           |
| Water suction ring WR 300                               | 35879000 |   |        |         |             | x       |           |                |           |         |         |        |         | x       |         |           |
| Water suction ring WR 352                               | 35873000 |   |        |         |             |         | x         |                |           |         |         |        |         |         | x       |           |
| Water suction ring WR 350 PL                            | 3587Y000 |   |        |         |             |         |           | x <sup>1</sup> |           |         |         |        |         |         |         | x         |
| Water suction ring WR 350.1 PL                          | 3587L000 |   |        |         |             |         |           | x <sup>2</sup> | x         |         |         |        |         |         |         | x         |
| Spare seal ED 152                                       | 3586A000 |   |        |         |             |         |           |                |           |         |         | 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 DSS 25 A                      | 09915000 |   | x      | x       | x           | x       | x         | x              | x         | x       | x       | x      | x       | x       | x       | x         |
| Industrial vacuum cleaner DSS 50 A                      | 09916000 |   | x      | x       | x           | x       | x         | x              | x         | x       | x       | x      | x       | x       | x       | x         |
| Vacuum plate  | 35851000 |   |        | 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       | x         |
| Vacuum pump VP 03                                       | 09201000 |   | x      | x       | x           |         |           |                |           | x       | x       | x      | x       |         |         |           |
| Vacuum pump VP 04                                       | 09204000 |   | x      | 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         |
| Sharpening plate  | 35913000 | x   | x      | x       | x           | x       | x         | x              | x         | x       | x       | x      | x       | x       | x       | x         |
| Reducing ring Ø 60 - Ø 53 mm                            | 35820000 |   |        | x       |             |         |           |                |           |         |         |        |         |         |         |           |
| Reducing ring Ø 60 - Ø 43 mm                            | 35821000 |   |        | x       |             |         |           |                |           |         |         |        |         |         |         |           |
| Connecting adapter universal tool holder/collar Ø 60 mm | 35829000 |   |        |         | x           | x       | x         |                |           |         | x       |        |         |         |         |           |

(x) limited suitability X<sup>1</sup> until year of manufacture 2016 X<sup>2</sup> from year of manufacture 2017



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, without drill bit |



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



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



**Tile drilling machine**  
**EFB 68**

**NEW**

## 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 and -constant maintenance



## 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 |
|----------|--|--|----------|



Exact positioning of the machine by supporting hood & LED light

**Dry drilling with dust extraction of granite, tiles and slabs of ceramic materials and natural stone in the interior directly on site, saves long ways**



**Speed control**  
Speed adjustment  
to the respective drill bit size



**Suction device**  
for almost dust-free working



**Simple drill bit change**





## 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

|  |   |   |          |
|--|---|---|----------|
|  | 1 | Adapter ring for fixing to small tiles from 10 cm   | 38003000 |
|  | 2 | Diamond wet drill bits G½" see page 53<br>max. drilling depth 40 mm for tiles, stoneware, natural stone |          |
|  | 3 | Folding table with board B 400 x L 600 x H 850 mm   | 37473000 |
|  | 4 | Sharpening block 200 x 100 x 50 mm  | 35910000 |
|  | 5 | Quick change adapter  | 38004000 |
|  | 6 | Quick change attachment   | 38006000 |
|  | 7 | Water suction ring WR 130   | 38007000 |



# MIXING

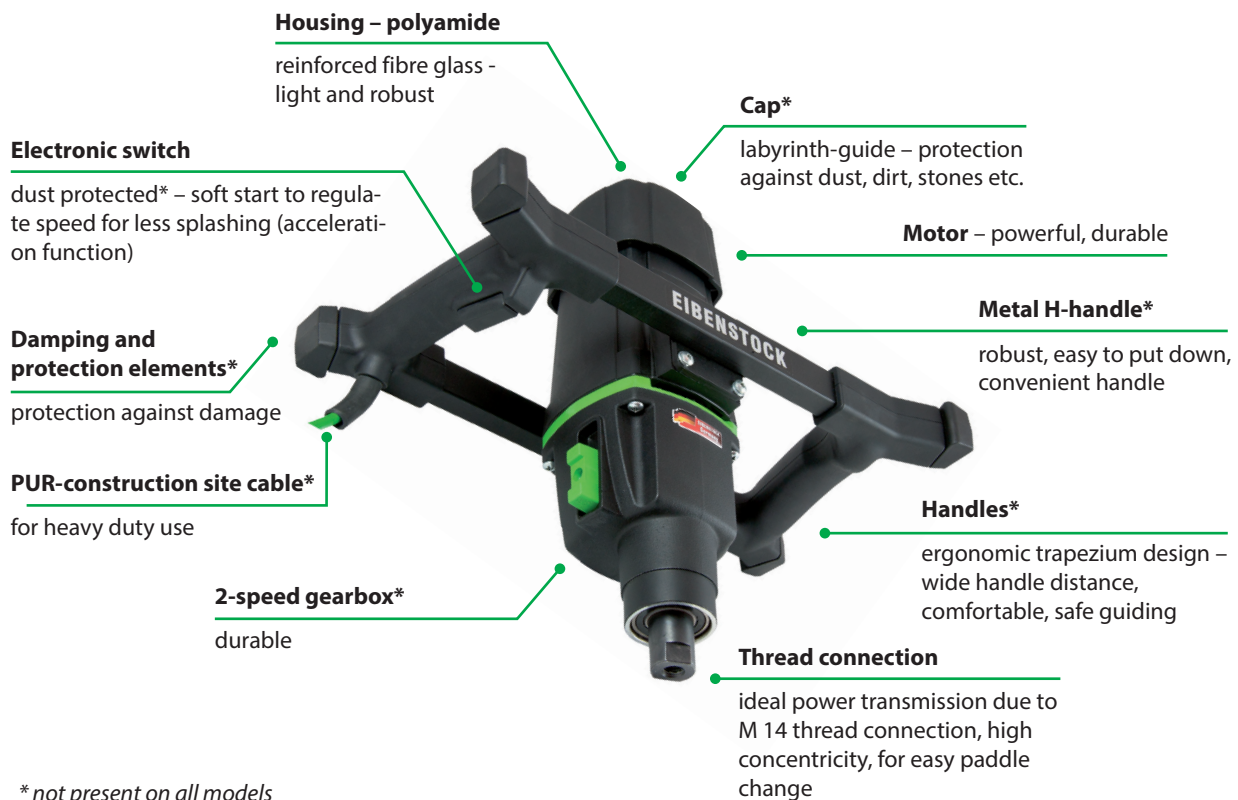




| Model                             |   | Page | Max. basket diameter | Spindle connection | Power input | Rated speed              |
|-----------------------------------|---|------|----------------------|--------------------|-------------|--------------------------|
| EHR 14.1 SK<br><b>07753000</b>    |    | 62   | 120 mm               | M 14 female        | 960 W       | 0-390 rpm                |
| EHR 15.2 SB<br><b>077E5000</b>    |    | 62   | 120 mm               | M 14 female        | 1050 W      | 0-450 rpm                |
| EHR 18.1 S<br><b>077E1000</b>     |    | 63   | 120 mm               | M 14 female        | 1100 W      | 0-450 rpm                |
| EHR 20.1 R<br><b>07742000</b>     |    | 63   | 140 mm               | M 14 female        | 1300 W      | 250-580 rpm              |
| EHR 20/2.6 S<br><b>077E2000</b>   |   | 64   | 140 mm               | M 14 female        | 1300 W      | 0-250/<br>0-450 rpm      |
| EHR 23/2.5 S<br><b>077E3000</b>   |  | 64   | 180 mm               | M 14 female        | 1800 W      | 0-250/<br>0-580 rpm      |
| EHM 162 S Set<br><b>07779000</b>  |  | 65   | 180 mm               | M 14 female        | 2000 W      | 0-430 rpm                |
| EZR 24 R R/L<br><b>0774W000</b>   |  | 65   | 230 mm               | Special            | 1800 W      | 180-440 rpm              |
| EHR 750 B<br><b>07B11000</b>      |  | 66   | 140 mm               | M 14 female        | 750 W       | 450 rpm                  |
| TwinMix 1800 T<br><b>07623000</b> |  | 70   | –                    | M 14/Special       | 1800 W      | 250/450 rpm<br>20/36 rpm |
| FloorMix 2300<br><b>07625000</b>  |  | 72   | –                    | M 16 female        | 2300 W      | 70/130/160/<br>280 rpm   |
| Automix 1801<br><b>07614000</b>   |  | 74   | –                    | M 20 female        | 1500 W      | 50 rpm                   |
| Automix 90<br><b>07617000</b>     |  | 74   | –                    | M 20 female        | 1500 W      | 50 rpm                   |



MIXING



## FEATURES OF STIRRERS

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

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



## Stirrer EHR 14.1 SK Set



max. 120 >>>  $\ominus 1$

### 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
- T-wise handling – comfortable mixing

## Stirrer EHR 15.2 SB Set



max. 120 >>>  $\ominus 1$

### 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 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

| 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

### 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

## Stirrer EHR 20.1 R Set



max. 140

### 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 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<br>incl. stirring rod WG 120 |

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





## Stirrer EHR 20/2.6 S Set



max. 140 mm

### 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

## Stirrer EHR 23/2.5 S Set



max. 180 mm

### 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 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 | 140 mm                                |
| Spindle connection   | M 14 female                           |
| Weight               | 5.1 kg                                |
| Order no.            | 077E2000                              |
| Supplied             | in a box<br>incl. stirring rod MG 140 |

| 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<br>incl. stirring rod MG 160 |



## Stirrer EHM 162 S Set

## Contra twin stirrer EZR 24 R R/L Set



max. 180°



Powerful  
with new gearbox

230°



### 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

### 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
- Soft start, speed regulation and constant speed

MIXING

| 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<br>incl. stirring rod MG 160 |

| 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<br>incl. stirring rods Z 230 |





**Powerful and high-torque  
as alternative to battery mixer**



incl. extension 150 mm



**80 kg**

| SPECIFICATIONS       | EHR 750 B   |
|----------------------|---|
| Engine/Capacity      | 4-stroke petrol engine/31 cc                            |
| Max. engine power    | 0.75 kW/1.0 hp  |
| Rated speed          | 0-450 rpm   |
| Max. basket diameter | 140 mm  |
| Spindle connection   | M 14 female   |
| Weight               | 8.9 kg  |
| Order no.            | 07B11000  |
| Supplied             | in a box incl. stirring rod MG 140 and extension 150 mm |

## Petrol stirrer EHR 750 B

### The cordless freedom when mixing outdoor

#### APPLICATION:

- Mains and current-independent mixing of building material with medium and high viscosity, e.g. glue, ready-mixed mortar and plaster, screed
- Saves the use of generators at places without electricity
- Substantially more powerful than battery mixers at longer mixing times
- Gardening and landscaping, road construction, railway, municipal enterprises, civil engineering in general

#### FEATURES:

- 4-stroke petrol-powered engine
- Quick start, electronic ignition
- In comparison to 2-stroke engines smooth running, environmentally-friendly, lower emissions and lower fuel consumption

### comparison of cordless alternatives petrol vs. battery

acquisition costs

**stirrer, petrol**

**stirrer, 2 battery pack, charger**

max. quantity of mixed material

**up to approx. 80 kg**

**up to approx. 30 kg**

mixing time

**about 60 min mixing time/0,75l petrol**

**about 10 min mixing time/battery pack**

**Where the battery fails  
and power is needed:  
mixing independent of electric  
power also for large quantities  
of tough materials**





MIXING



## THE FEATURES OF THE STIRRERS OF THE NEW GENERATION



**Damping and protection elements made of polyurethane** – protection of the machine and the surface in case of unintentional fall



**Dust protected electronic switch, PUR-construction site cable and a protected cable outlet**



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



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





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

**Universal motor**  
powerful, robust,  
high torque

**Protective grating\***  
easy and safe pouring into  
bucket

**Safety switch**  
cut-off in case of opening the  
protective grating – protec-  
tion of the user

**Draught-bar**  
Integrated 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.



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



**Timer for setting the**  
**requested mixing time**  
**(accessory for TwinMix 1800 T)**

**50 kg**



#### 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 |

## Mixing station TwinMix 1800 T

### 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

#### ACCESSORIES



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



Tipper with 4 wheels (2 steerable)  
 Order no.: 09Z12000



Timer for TwinMix 1800 T  
 Order no.: 32352000



Bucket 65 l  
 Order no.: 32341000

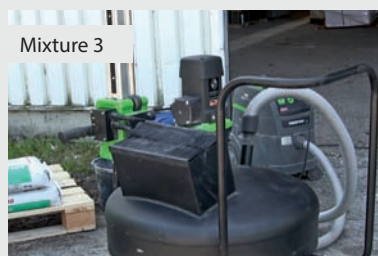
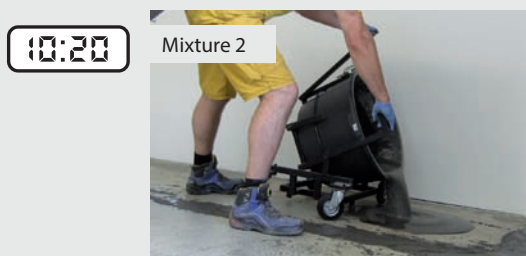
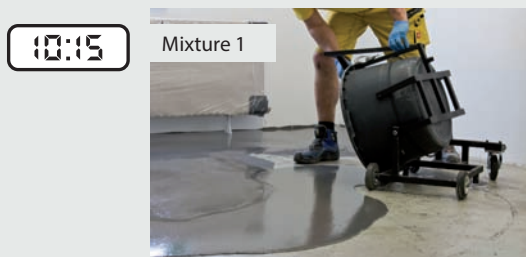




## Fast, uninterrupted work when using several mixing carriages, f. e. for levelling filler

- ↳ saves time and costs
- ↳ reduces the risk that the material is setting too fast in wet-on-wet cycle

saves at least **50% time**



### 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 DSS range!





**Robust, powerful 2300 W motor –  
very high performance**



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

**150kg**



#### 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 |

## Mixing station FloorMix 2300

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

#### 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

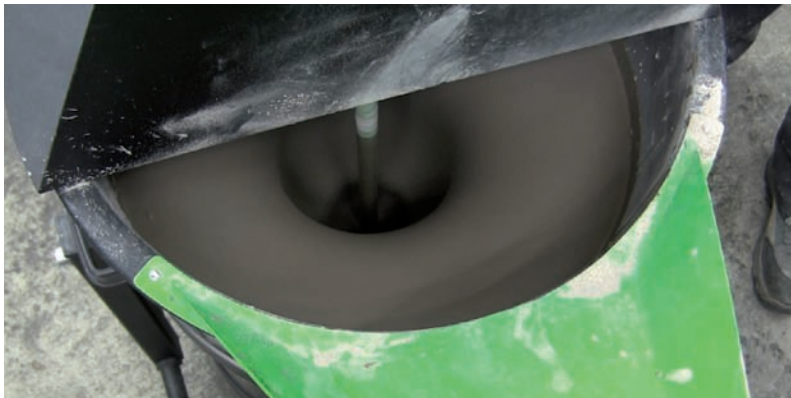
#### ACCESSORY



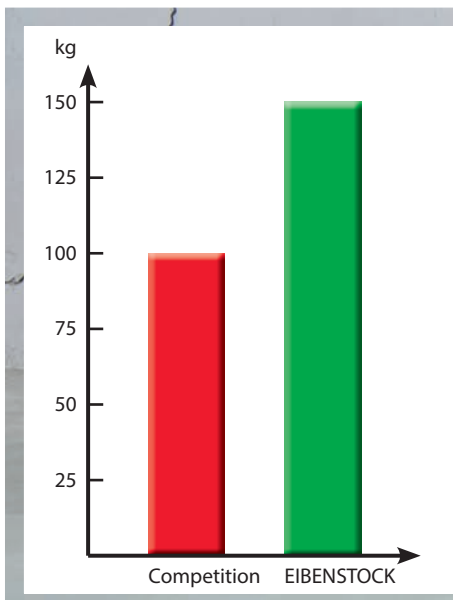
Bucket 110 l  
Order no.: 32343000



### Optimal mixing results:



### Effective working especially in wet-on-wet cycle:



MIXING

### 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 DSS range!





## Mixing station Automix 1801



50 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
- Integrated transport cart with draught-bar – for mobile use
- Separation of motor and base frame without any tools
- Low weight, compact design – easy to transport and space-saving storage
- Protective grating – easy and safe pouring of bagged material
- Hinged machine arm – easy bucket exchange
- Twist protection for bucket – stable handling

## Mixing station Automix 90



80 kg

## The mobile mixing station up to 80 kg

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

| SPECIFICATIONS     | AUTOMIX 1801 |
|--------------------|--------------|
| Power input        | 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

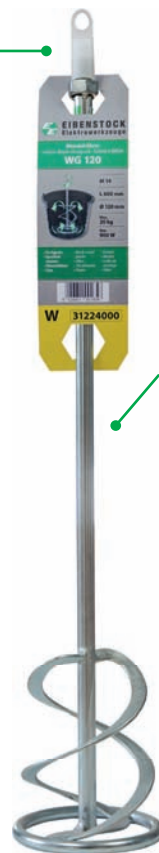
#### Helix

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.

### RP Mixing paddle, galvanised

The mixing paddle for heavy materials - 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):


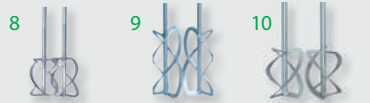
Stirring rod pushes material from the top to the bottom – less splash during mixing for media of low viscosity



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

(X) limited suitability

**STIRRING RODS**
*\* left hand spiral    \*<sup>1</sup> stainless steel - V2A (1.4301; AISI 304)    \*<sup>2</sup> protective ring*

| Stirring rod   | type  | max. basket diameter | length in mm | batch in kg | shank connection |          |          |
|--|---|----------------------|--------------|-------------|------------------|----------|----------|
| <b>S</b> Disc stirring rod   | S 55  | 55                   | 350          | 5           | Ø 7              | 31501000 |          |
|  | S 80  | 80                   | 350          | 15          | Ø 7              | 31502000 |          |
|  | S 100   | 100                  | 500          | 40          | 6- SW 10         | 31513000 |          |
|  | SG 120  | 120                  | 590          | 50          | M 14             | 31524000 |          |
|  | SG 150  | 150                  | 500          | 150         | M 14             | 31527000 |          |
|  | SGR 120* <sup>2</sup>   | 120                  | 590          | 50          | M 14             | 31525000 |          |
| <b>R</b> Round stirring rod * <sup>2</sup>   | R 70  | 70                   | 400          | 10          | 6- SW 8          | 31111000 |          |
|  | R 85  | 85                   | 400          | 15          | 6- SW 8          | 31112000 |          |
|  | R 100   | 100                  | 600          | 20          | 6- SW 10         | 31113000 |          |
|  | R 120   | 120                  | 600          | 25          | 6- SW 10         | 31114000 |          |
|  | RG 100  | 100                  | 600          | 20          | M 14             | 31123000 |          |
|  | RG 120  | 120                  | 600          | 25          | M 14             | 31124000 |          |
| <b>W</b> Helicon ribbon stirring rod   | W 70  | 70                   | 400          | 5           | 6- SW 8          | 31211000 |          |
|  | W 85  | 85                   | 400          | 8           | 6- SW 8          | 31212000 |          |
|  | W 95* <sup>2</sup>  | 95                   | 500          | 10          | 6- SW 8          | 31218000 |          |
|  | W 100   | 100                  | 600          | 15          | 6- SW 10         | 31213000 |          |
|  | W 120* <sup>2</sup>   | 120                  | 600          | 20          | 6- SW 10         | 31214000 |          |
|  | WG 100* <sup>2</sup>  | 100                  | 600          | 15          | M 14             | 31223000 |          |
|  | WG 120* <sup>2</sup>  | 120                  | 600          | 20          | M 14             | 31224000 |          |
|  | WG 135* <sup>2</sup>  | 135                  | 600          | 50          | M 14             | 31225000 |          |
|  | WG 160* <sup>2</sup>  | 160                  | 600          | 80          | M 14             | 31227000 |          |
|  | WGV 120* <sup>1*2</sup>   | 120                  | 600          | 25          | M 14             | 31414000 |          |
|  | <b>M</b> Mortar stirring rod * <sup>2</sup>   | M 120                | 120          | 600         | 25               | 6- SW 12 | 31314000 |
| MG 120   |   | 120                  | 600          | 25          | M 14             | 31324000 |          |
| MG 140   |   | 140                  | 600          | 50          | M 14             | 31326000 |          |
| MG 160   |   | 160                  | 600          | 80          | M 14             | 31327000 |          |
| MG 180   |   | 180                  | 600          | 80          | M 14             | 31328000 |          |
| MG 200   |   | 200                  | 600          | 100         | M 14             | 31329000 |          |
| MG 120 L*  |   | 120                  | 600          | 25          | M 14             | 31334000 |          |
| MG 140 L*  |   | 140                  | 600          | 50          | M 14             | 31336000 |          |
| MG 160 L*  |   | 160                  | 600          | 80          | M 14             | 31337000 |          |
| <b>MGV</b> Mortar stirring rod * <sup>1*2</sup>  | MGV 120   | 120                  | 600          | 25          | M 14             | 31424000 |          |
|  | MGV 140   | 140                  | 600          | 50          | M 14             | 31426000 |          |
|  | MGV 160   | 160                  | 600          | 80          | M 14             | 31427000 |          |
| <b>LG</b> Glue stirring rod  | LG 120  | 120                  | 600          | 25          | M 14             | 31024000 |          |
| <b>RP</b> Mixing paddle  | RP 120* <sup>1</sup>  | 120                  | 450          | 25          | Ø 10             | 31434000 |          |
|  | RPG 160   | 160                  | 600          | 50          | M 14             | 31437000 |          |
| <br>1) Mixing paddle for Automix 1801<br>2) Special stirring rod for Automix 1801<br>3) Special stirring rod for Automix 90<br>4) Mixing paddle for TwinMix 1800/TwinMix 1800 T<br>5) Scraper for mixing paddle for TwinMix 1800/TwinMix 1800 T<br>6) Universal stirring rod for TwinMix 1800/TwinMix 1800 T<br>7) Special stirring rod for FloorMix 2300 |   |                      |              |             |                  | 31440000 |          |
|  |   |                      |              |             |                  |          | 31442000 |
|  |   |                      |              |             |                  |          | 31460000 |
|  |   |                      |              |             |                  |          | 31451000 |
|  |   |                      |              |             |                  |          | 32351000 |
|  |   |                      |              |             |                  |          | 31452000 |
|  |   |                      |              |             |                  |          | 31640000 |
| for Contra twin stirrer (1 pair)   | <br>8) Z 200    200    600    40    Special    31620000<br>9) Z 220    220    600    60    Special    31610000<br>10) Z 230    230    600    80    Special    31630000 |                      |              |             |                  |          |          |
|  |   |                      |              |             |                  |          |          |
|  |   |                      |              |             |                  |          |          |








## 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 bucket 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  |  | 6  |  | 1 5/8" female - M 14 female                            | 32123000 |
| 2  |  | 7  |  | 1/2" female - M 14 female                              | 32113000 |
| 3  |  | 8  |  | M 14 male - 1/2" male                                  | 32147000 |
| 4  |  | 9  |  | M 14 female - M 14 female                              | 32153000 |
| 5  |  | 10 |  | M 18 female - M 14 female                              | 32173000 |
|    |   |    |   | 6 5/8" male - M 14 female                              | 32133000 |
|    |   |    |   | 7 MT 2 - M 14 female e.g. heavy duty drilling machines | 33113000 |
|    |   |    |   | 8 MT 3 - M 14 female e.g. heavy duty drilling machines | 33123000 |
|    |   |    |   | 9 M 14 male - B 18 e.g. chuck                          | 32142000 |
|    |   |    |   | 10 SDS-plus - M 14 female e.g. hammer drill            | 32134000 |
| 11 |  |    |   | 11 Extensions  |          |
|    |   |    |   | 150 mm x M 14  | 32230000 |
|    |   |    |   | 250 mm x M 14  | 32210000 |
|    |   |    |   | 400 mm x M 14  | 32220000 |



# SANDING MILLING SMOOTHING



| Model   | Page   | Disc diameter | Spindle connection          | Power input              | Rated speed (*No-load speed)     |
|---|--|---------------|-----------------------------|--------------------------|----------------------------------|
| Scabblers and scouring machine<br>EPF 1503<br><b>0651I000</b>               |  82   | 140/150 mm    | M 14 male                   | 1500 W                   | 4000 rpm                         |
| Concrete grinder<br>EBS 120.1<br><b>0630F000</b>                            |  83   | 125 mm        | Ø 22.2 mm                   | 1400 W                   | *9000 rpm                        |
| Concrete grinder<br>EBS 125.4 O/ EBS 125.4 RO<br><b>06324000/06325000</b>   |  85   | 125 mm        | Ø 22.2 mm                   | 1500 W                   | 10000 rpm/<br>6000-<br>10000 rpm |
| Concrete grinder<br>EBS 1802/<br>EBS 1802 SH<br><b>0633J000/0633L000</b>    |  85   | 125 mm        | Ø 22.2 mm                   | 1800 W                   | *10000 rpm                       |
| Concrete grinder<br>EBS 180 H<br><b>0633H000</b>                            |  86   | 180 mm        | Ø 22.2 mm                   | 2500 W                   | *8500 rpm                        |
| Concrete grinder<br>EBS 180 F<br><b>0634H000</b>                            |  87 | 180 mm        | Ø 22.2 mm                   | 2500 W                   | *8500 rpm                        |
| Concrete grinder<br>EBS 235.1<br><b>06347000</b>                            |  88 | 235 mm        | M 20 male/<br>Special       | 2200 W                   | *1380 rpm                        |
| Long reach renovation grinder<br>ELS 125 D <b>06231000</b>                  |  89 | 125 mm        | Ø 22.2 mm                   | 1200 W                   | *8000 rpm                        |
| Surface milling machine<br>EOF 100.1<br><b>06535000</b>                     |  92 | 100 mm        | Ø 22.2 mm                   | 1400 W                   | 10000 rpm                        |
| Long reach sander<br>ELS 225.1 <b>0620N000</b>                              |  94 | 225 mm        | velcro                      | 590 W                    | 1050-1600 rpm                    |
| Dry-wall sander<br>ETS 225<br><b>06203000</b>                               |  95 | 225 mm        | velcro                      | 700 W                    | 0-1450 rpm                       |
| Insulation board sander<br>EWS 400<br><b>0620F000</b>                       |  95 | 370 mm        | Push fit fitting/<br>velcro | 800 W                    | 0-85 rpm                         |
| Cordless plaster<br>smoothing machine<br>EPG 400 A<br><b>065A1000</b>       |  96 | 370 mm        | Push fit fitting/<br>velcro | 18 V, 5,2 Ah<br>Li-Ionen | 80 rpm                           |
| Plaster smoothing machine<br>EPG 400/EPG 400 WP<br><b>06509000/0650L000</b> |  97 | 370 mm        | Push fit fitting/<br>velcro | 500 W                    | 0-60 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 DSS range!



**Cap**

impact resistant, robust

**Arrangement of motor**

vertical – dust is kept away, durable

**Speed regulation**

adaptation of speed (EBS 125.4 RO)

**Dust guard**

foldable front edge to get to the edge of the working area

**Brush rim**

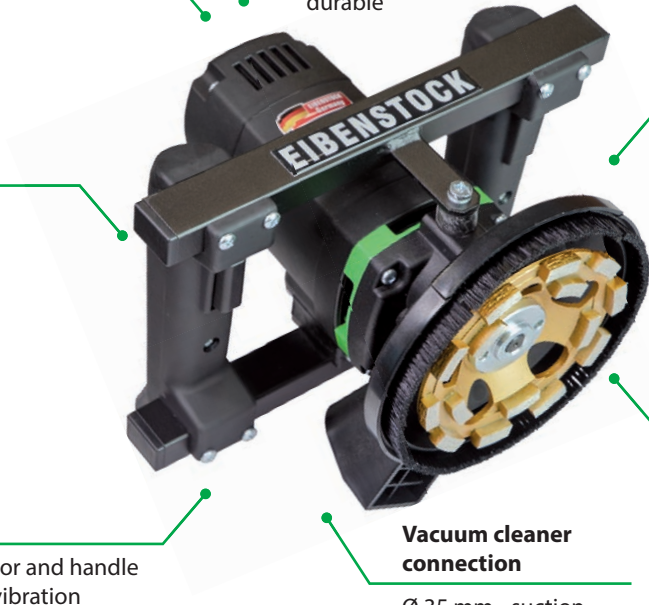
protection against dust emission

**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!**

SANDING/MILLING/SMOOTHING

**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.



**Now available for use with  
diamond-grinding wheel Ø 150 mm**



**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.             | 06511000   |

Supplied in a case incl. capstan with 16 claw cutters (bent)

**Diamond-grinding wheel, see page 90**

For changing you need:

1x 37416000 tool kit, 1x 76301927 jaw wrench SW 32,  
1x 37206000 driving disc, 1x 37207000 driving nut

**Scabbler and scouring machine  
EPF 1503**

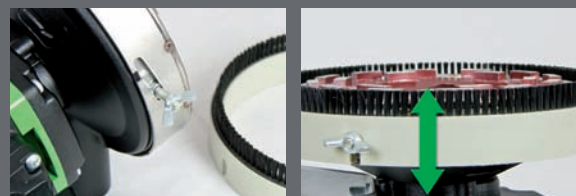
**The universal with a high  
removal rate**

**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



Depth adjustment: guide ring adjustable – no unintentional immersion in the basic material



Claw cutters bent  
for lime-bound plaster



Claw cutters pointed  
for cement-bound plaster



## 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      | 9000 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 |





## Concrete grinder EBS 125.4 O



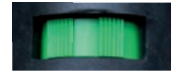
Ø 125



## Concrete grinder EBS 125.4 RO



Ø 125



speed regulation

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

### 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                | 4.7 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                | 4.7 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)
- **EBS 1802 SH – the machine for every surface:** PCD-grinding wheel with monobloc diamonds – high removal rate and long lasting

### FEATURES:

- Powerful motor – high capacity
- Electronic – soft start, over current cut-off, overload indication
- Foldable front edge of dust guard – for grinding directly to the edge of the work area (no laborious reworking, saves time and costs)
- Brush rim – high suction power for dust-free working by connecting an industrial vacuum cleaner (accessory) to the 35 mm nozzle
- Parallel handle position – ergonomic handling allows exact and balanced guiding for a better surface finish
- Floor guiding device – available as accessory (not for use with PCD-grinding wheels)

| SPECIFICATIONS     | EBS 1802  |
|--------------------|-----------|
| Power input        | 1800 W    |
| Rated voltage      | 230 V ~   |
| No-load speed      | 10000 rpm |
| Disc diameter      | 125 mm    |
| Spindle connection | Ø 22.2 mm |
| Weight             | 5.9 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             | 5.9 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





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 |

## Concrete grinder EBS 180 H

### The powerful hand-held grinder for medium sized surfaces

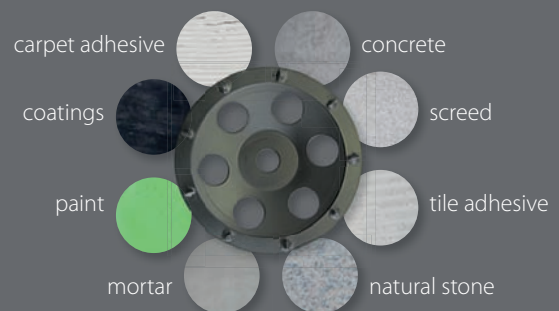
#### APPLICATION:

- 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

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





## Concrete grinder EBS 180 F

### With floor guiding device for medium sized surfaces

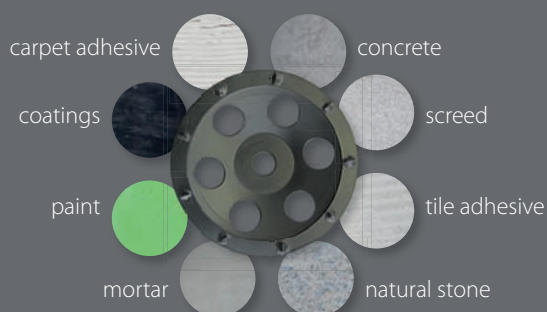
#### APPLICATION:

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

#### FEATURES:

- Powerful 2500 W motor
- Electronic – soft start, temperature control and over current cut-off
- Segment on the dust-guard detachable – 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
- Tilt-adjustable floor guiding device and additional handle adjustable in height – optimal adjustment to the body height of the operator for a comfortable guiding

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



**Relaxed working  
in upright posture**

**Carriage adjustable  
in height –  
better grinding result**



Ø 180

| SPECIFICATIONS     | EBS 180 F |
|--------------------|-----------|
| Power input        | 2500 W    |
| Rated voltage      | 230 V ~   |
| No-load speed      | 8500 rpm  |
| Disc diameter      | 180 mm    |
| Spindle connection | Ø 22.2 mm |
| Weight             | 10.5 kg   |
| Order no.          | 0634H000  |

Supplied in a box incl. diamond-grinding wheel (concrete) and assembly tools





Ø 235

| 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.          | 06347000  |
| Supplied           | in a box incl. base plate for diamond-grinding shoe set |

**Choose and order also the appropriate grinding shoes for your application (see accessories pages 90/91)!**

## 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

base plate for use with interchangeable segments (accessory)



## 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 height                   | max. 2600 mm |
| Working height with 1x Extension | max. 2900 mm |
| Order no.                        | 3765A000     |
| Supplied                         | in a box     |
| Accessories                      | Extension    |
| Working height                   | 300 mm       |
| Order no.                        | 3765B000     |

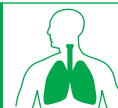


#### drive shaft

can be changed easily, quickly and inexpensively by the user without opening 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



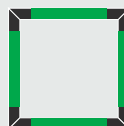


## Sanding/Milling ACCESSORIES

|                             |   |             |           |           |       |
|-----------------------------|---|--|---|--|--|
|                             |   | concrete   | screed  | tile adhesive  | natural stone  |
| EPF 1503                    |    | 1           | 1          | 1/2       |  |
| EBS 120.1                   |    | 4/5         | 6          | 6         |  |
| EBS 125.4 O<br>EBS 125.4 RO |    | 4/5         | 6          | 6         |  |
| EBS 1802<br>EBS 1802 SH     |    | 4/5/9       | 6/9       | 6/9       | 9     |
| EBS 180 H<br>EBS 180 F      |   | 10/11     | 11/12   | 11/12   | 12  |
| EBS 235.1                   |  | 13/14/15  | 14*/16  | 14*/16  | 14  |
| ELS 125 D                   |  | 17/18     |   | 18      |  |

\*limited suitability

|    |  |          |    |  |          |
|----|--|----------|----|--|----------|
| 1  | Diamond-grinding wheel Ø 150 mm                      | 37127000 | 12 | PCD-grinding wheel Ø 175 mm<br>round segments                          | 37119000 |
|    | Claw cutters   |          | 13 | Diamond-grinding wheel Ø 235 mm<br>concrete                            | 37117000 |
| 2  | bent, 16 pieces                                      | 37426000 | 14 | PCD-grinding shoe set, 5 parts<br>with support segment, round segments | 37121000 |
| 3  | pointed, 16 pieces                                   | 37427000 |    | Diamond-grinding shoe set, 5 parts                                     |          |
|    | Diamond-grinding wheel Ø 125 mm                      |          | 15 | concrete   | 37122000 |
| 4  | concrete standard                                    | 37114000 | 16 | screed   | 37123000 |
| 5  | concrete premium                                     | 37102000 |    | Diamond-grinding wheel Ø 125 mm  |          |
| 6  | screed   | 37103000 | 17 | surface grinding   | 37126000 |
| 7  | coatings „Rapid K“                                   | 37110000 | 18 | universal  | 37128000 |
| 8  | Tungsten carbide grit disc Ø 125 mm for EBS 125.4 RO |          |    |  |          |
|    | rough  | 37107000 |    |  |          |
|    | medium   | 37106000 |    |  |          |
|    | fine   | 37108000 |    |  |          |
| 9  | PCD-grinding wheel Ø 125 mm                          |          |    |  |          |
|    | pointed segments                                     | 37115000 |    |  |          |
|    | round segments                                       | 37118000 |    |  |          |
|    | Diamond-grinding wheel Ø 180 mm                      |          |    |  |          |
| 10 | concrete   | 37112000 |    |  |          |
| 11 | screed   | 37111000 |    |  |          |



suitable for sanding directly to the edge of the work area



suitable for illustrated surface conditions





**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,<br>without milling disc |

**Choose and order also the appropriate milling discs for  
your application (see accessories page 98)!**

## 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

**WITH TUNGSTEN CARBIDE PRECISE AND QUICK ON WOOD SURFACES**



e.g. gates, doors, stairs, balconies and facade claddings

SANDING/MILLING/SMOOTHING

**WITH PCD PRECISE AND QUICK ON MINERAL SURFACES**



**PCD milling disc**  
 pointed segments: for slightly rough surfaces  
 round segments: for smooth surfaces

e.g. thin decorative plasters, markings, coatings and paints

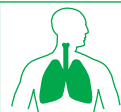


**Only about 1.5 kg  
perceived weight**

only in conjunction with  
EIBENSTOCK  
industrial vacuum cleaner  
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      | 900-1800 rpm  |
| Disc diameter      | 225 mm        |
| Spindle connection | M 14 (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

## 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

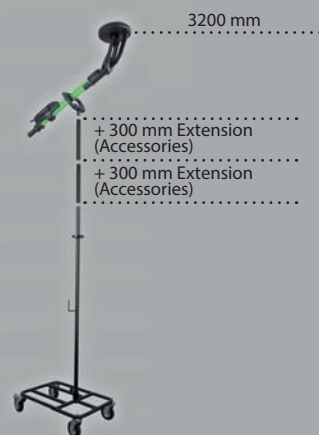
#### FEATURES:

- 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



### 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 height                   | max. 2600 mm |
| Working height with 2x Extension | max. 3200 mm |
| Order no.                        | 3765A000     |
| Supplied                         | in a box     |
| Accessories                      | Extension    |
| Working height                   | 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 the CAS-System already  
you may order without charger and  
batteries



Ø370



| SPECIFICATIONS      | EPG 400 A                        |
|---------------------|----------------------------------|
| Battery pack        | 18 V, 5.2 Ah Li-Ion              |
| No-load speed       | 80 rpm                           |
| Diameter base plate | 370 mm                           |
| Spindle connection  | Push fit fitting/velcro          |
| Weight              | 3.8 kg (machine) 670 g (battery) |
| Order no.           | 065A1000                         |

in a case incl. base plate and sponge disc, battery charger  
(standard), 2x battery 5.2 Ah

Order no. 065A2000

without a charger and batteries in a case  
incl. base plate and sponge disc

ALSO AVAILABLE  
WITHOUT A BATTERY



## Cordless plaster smoothing machine EPG 400 A

### The cordless freedom

#### APPLICATION:

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

#### FEATURES:

- No more cumbersome cables - freedom of movement especially on the scaffolding
- Approx. 30 minutes with one battery charge
- Large tool surface - smooth and quick working



NOW ALSO WITH  
BATTERY



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 separately, 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                |

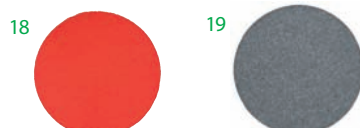
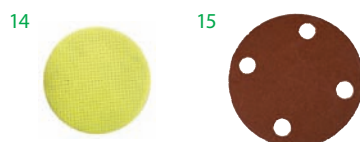
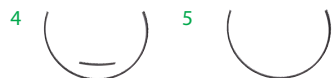
Supplied

in a case incl. base plate  
and sponge disc





## A Sanding/Milling/Smoothing ACCESSORIES



### FOR SURFACE MILLING MACHINE

|   |  |          |
|---|--|----------|
| 1 | Carbide milling disc for wood surfaces                   | 37124000 |
| 2 | PCD milling disc for mineral surfaces (round segments)   | 37125000 |
| 3 | PCD milling disc for mineral surfaces (pointed segments) | 37116000 |

### FOR LONG REACH SANDER AND DRY-WALL SANDER

|    |   |          |
|----|---|----------|
|    | Brush rim   |          |
| 4  | ETS 225, 2 parts                                  | 37624000 |
| 5  | ELS 225.1   | 3722B000 |
| 6  | Sealing lip VacuGlide ELS 225.1                   | 3722C000 |
| 7  | Segment incl. brush for dust guard ETS 225        | 37625000 |
| 8  | Additional handle ELS 225/ELS 225.1               | 37659000 |
| 9  | Base plate (velcro), 6 hole punch                 | 37631000 |
| 10 | Rubber foam pad (velcro), 6 hole punch            | 37632000 |
| 11 | Sanding grid (velcro), 6 hole punch               |          |
|    | P80 (10 pieces)                                   | 37610000 |
|    | P120 (10 pieces)                                  | 37611000 |
| 12 | 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 |
| 13 | Sandpaper Assortment (velcro), 6 hole punch       | 37640000 |
|    | P80/100/120/150/180 Normal Corundum (je 5 pieces) |          |
| 14 | 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

|    |  |          |
|----|--|----------|
| 15 | Sandpaper (velcro), 4 hole punch<br>P24 (3 pieces) | 37671000 |
|----|--|----------|

### FOR PLASTER SMOOTHING MACHINES

|    |  |          |
|----|--|----------|
| 16 | Base plate Ø 370 mm  | 37721000 |
| 17 | Sponge disc Ø 400 mm (velcro)  | 37722000 |
| 18 | Sponge rubber disc Ø 385 mm (velcro)   | 37725000 |
| 19 | Felt disc Ø 395 mm   | 37729000 |
| 20 | Scraping disc Ø 380 mm (velcro)  | 37726000 |
| 21 | Scratch- and scraping disc Ø 380 mm (velcro)                                   | 3772A000 |
| 22 | Add on kit for scratch- and scraping disc (4 scratching metal sheets+8 screws) | 3772B000 |
| 23 | Scratching disc Ø 370 mm   | 37724000 |
| 24 | Add on kit for scratching disc (4 scratching metal sheets+8 screws)            | 37723000 |
| 25 | Smoothing disc Ø 380 mm  | 37728000 |
| 26 | Sanding disc P24, Ø 370 mm (velcro)  | 37727000 |
| 27 | Quick charger (charging time about 45 min.)                                    | 37732000 |
| 28 | Charger standard (charging time about 110 min.)                                | 37734000 |
| 29 | Battery (5,2 Ah)   | 37731000 |

# SAWING CUTTING SLITTING





| Model   |   | Page | Disc diameter            | Spindle connection | Power input | Rated speed (*No-load speed) |
|---|---|------|--------------------------|--------------------|-------------|------------------------------|
| Diamond saw<br>EDS 125<br><b>0660V000</b>                                   |    | 101  | 125 mm                   | Ø 22.2 mm          | 1250 W      | *12000 rpm                   |
| Cutting tables<br>ETT 700<br><b>09801000</b><br>ETT 1200<br><b>09802000</b> |    | 103  |                          |                    |             |                              |
| Diamond saw<br>EDS 181<br><b>0660P000</b>                                   |    | 104  | 180 mm                   | Ø 22.2 mm          | 2300 W      | 4300 rpm                     |
| <b>NEW</b><br>Universal cutting saw<br>EST 350.2<br><b>06637000</b>         |    | 106  | 350 mm                   | Ø 25.4 mm          | 2400 W      | *3900 rpm                    |
| Cutting system<br>ETR 230<br><b>06812000</b>                                |  | 107  | 230 mm                   | Ø 22.2 mm          | 2600 W      | *6500 rpm                    |
| Cutting system<br>ETR 350.1 P<br><b>0681A000</b>                            |  | 108  | 350 mm                   | Ø 25.4 mm          | 2700 W      | 2200 rpm                     |
| Cutting system<br>ETR 400.1 P<br><b>0682A000</b>                            |  | 108  | 400 mm                   | Ø 25.4 mm          | 2700 W      | 1950 rpm                     |
| Double blade<br>sword saw<br>EDB 480.1<br><b>06644000</b>                   |  | 110  | Cutting length<br>480 mm | Special            | 1800 W      | Stroke rate<br>3100          |
| Wall chaser<br>EMF 125.2<br><b>06703000</b>                                 |  | 110  | 125 mm                   | Ø 22.2 mm          | 1.700 W     | 7.500 min <sup>-1</sup>      |
| Wall chaser<br>EMF 150.1<br><b>0671A000</b>                                 |  | 113  | 150 mm                   | Ø 22.2 mm          | 2300 W      | 4300 rpm                     |
| <b>NEW</b><br>Wall chaser<br>EMF 180.2<br><b>0672C000</b>                   |  | 114  | 180 mm                   | Ø 22.2 mm          | 2300 W      | 2200 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 DSS range!

## **Diamond saw** **EDS 125**

### 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
- Roller guided plate – smooth guiding, protects the surface
- Integrated water supply with flow regulator – easy adjustment of the water-volume and dust free working while wet cutting
- Nozzle diameter 35 mm – direct connection of industrial vacuum cleaner of EIBENSTOCK DSS series
- Guide rail – accessory for precise cuts



| 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 |



## THE FEATURES OF THE DIAMOND SAW EDS 125



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



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



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  
DSS series

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





## 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

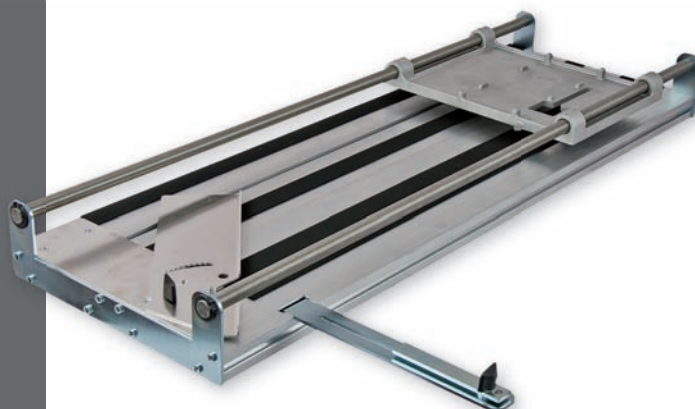
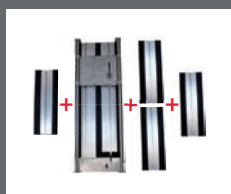


#### ADVANTAGES PRIMARILY IN DRY CUTTING: TIME AND COST SAVINGS

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

#### FEATURES:

- Aluminium/stainless steel-combination – rust-proof
- Low weight, handy – easy to transport by one person
- Fast, fixing of the saw without any tool in the precisely bearing carriage
- Non-slip covering – fixing of the tile during the cut, reduces vibrations
- Adjustable side stop for serial cutting
- Adjustable angular stop 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)



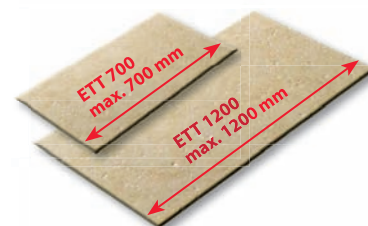
fixing of the saw without any tool



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 |





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

## 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



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



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  
DSS series or to the enclosed Gardena-quick  
coupling adapter





**NEW**



**Ø 350**

Order diamond cutting disc Universal at the same time (Accessories see page 115)



#### 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 kg     |

Order no. 06637000

Supplied

in a box incl. diamond cutting disc Ø 350 mm and assembly tools

## Universal cutting saw EST 350.2

### The precise and dust free 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 DSS 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



## Cutting system ETR 230

### The flexible system for dust free cutting

#### APPLICATION:

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

#### FEATURES:

- Powerful but light machine
- Electronic – soft start
- Cut-off carbon brushes – protection of the motor
- Immersion function – adjustable cutting depth without the need for tools
- Robust dust guard made of metal
- Protection guard for cutting metal adjustable 360° without the need for tools
- Spindle lock – easy tool change
- Vibration damped handle – mountable in different positions
- Lock-on button with protection against unintentional switching on
- Nozzle diameter 35 mm – direct connection of industrial vacuum cleaner of EIBENSTOCK DSS series



cutting depth adjustment

exhaust


**Ø 230**

| SPECIFICATIONS     | ETR 230  |
|--------------------|--|
| Power input        | 2600 W   |
| Rated voltage      | 230 V ~  |
| No-load speed      | 6500 rpm   |
| Max. disc diameter | 230 mm   |
| Max. cutting depth | 65 mm  |
| Spindle connection | Ø 22.2 mm  |
| Weight             | 7.5 kg   |
| Order no.          | 06812000   |
| Supplied           | in a case incl. diamond cutting disc Ø 230 mm, dust guard, protection guard and assembly tools |



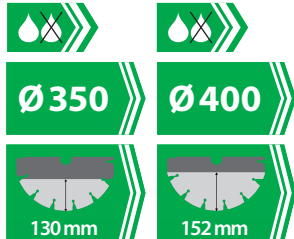
**DUST PROTECTION SYSTEM**

Mineral dust may cause cancer!

SAWING/CUTTING/SPLITTING



**Optimized & strong special motor with power electronics**



Ø 350

Ø 400

130 mm

152 mm

| SPECIFICATIONS        | ETR 350.1 P | ETR 400.1 P |
|-----------------------|-------------|-------------|
| Power input           | 2700 W      | 2850 W      |
| Rated voltage         | 230 V ~     | 230 V ~     |
| Rated- /No-load speed | 2200 rpm    | 1950 rpm    |
| Max. disc diameter    | 350 mm      | 400 mm      |
| Max. cutting depth    | 130 mm      | 152 mm      |
| Spindle connection    | Ø 25.4 mm   | Ø 25.4 mm   |
| Weight                | 12.9 kg     | 13,4 kg     |
| Order no.             | 0681A000    | 0682A000    |

Supplied

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



### 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

## Powerful cutting systems ETR 350.1 P / 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

## 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 DSS series
- Cut-off carbon brushes – protection of the motor



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

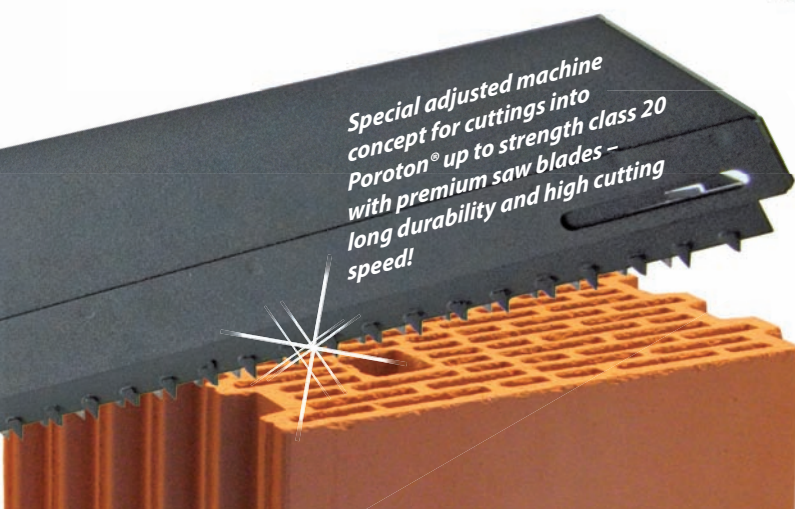
Easy modular possibility of extension  
for long straight cuts

Fast mounting of the machine  
without any tools





**Long lasting  
1800 W motor  
for the hardest  
applications**



*Special adjusted machine  
concept for cuttings into  
Poroton® up to strength class 20  
with premium saw blades –  
long durability and high cutting  
speed!*

**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<br>universal Premium, blade<br>protection and assembly tools |

## Double blade sword saw EDB 480.1

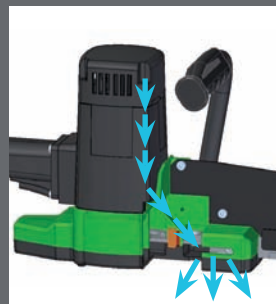
### The powerful all-rounder for various building materials

#### 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



blower function



handle mountable  
on both sides



**Cutting length  
up to 480 mm**

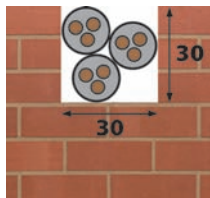




SAWING/CUTTING/SPLITTING



**The lightweight  
in its power  
class**



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

## 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 DSS series



locking for suction hose



milling depth adjustment



## Wall chaser EMF 150.1

### 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:

- 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 18 mm from the edge
- Slot widths of 7-46 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 DSS series

Comparison: preparing an open channel of 46 mm width

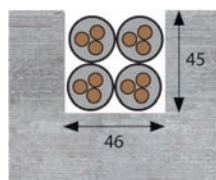


### EIBENSTOCK „Easy Break Out“ – fast breaking by a center slot

Distance discs for the using of 3 blades (see accessories page 116)



Almost dust-free immersion and slitting due to folding hood



slitting of cable channels

Ø 150

| SPECIFICATIONS     | EMF 150.1                                                              |
|--------------------|------------------------------------------------------------------------|
| Power input        | 2300 W                                                                 |
| Rated voltage      | 230 V ~                                                                |
| Rated speed        | 4300 rpm                                                               |
| No-load speed      | 7500 rpm                                                               |
| Disc diameter      | 150 mm                                                                 |
| Spindle connection | Ø 22.2 mm                                                              |
| Max. milling depth | 45 mm                                                                  |
| Max. slot width    | 46 mm                                                                  |
| Weight             | 6.1 kg                                                                 |
| Order no.          | 0671A000                                                               |
| Supplied           | in a case incl. 2 diamond blades Premium (concrete) and assembly tools |

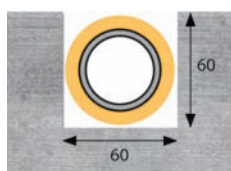


Mineral dust may cause cancer!



**Almost dust-free immersion and slitting due to folding hood**

**NEW**



slitting of channels



**Ø 180**

**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**



#### 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

## 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 DSS series



saves at least  
**50% time**

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



### Floor guide device EMF 180 (see accessories page 116)















Fatigue-free creation of slits and expansion joints in floors



### Even faster with EIBENSTOCK „Easy Break Out“ (see accessories page 116)








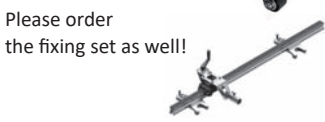
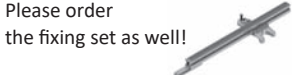
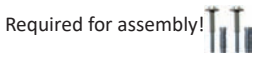







Distance discs for the using of 3 blades - fast breaking by a center slot

## A Sawing/Cutting/Slitting ACCESSORIES

| FOR DIAMOND SAWS                                                                    |    |                                                                                         |                      |
|-------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------|----------------------|
|    | 1  | Guide rail (with 2 screw clamps)<br>750 mm<br>1500 mm                                   | 37461000<br>37462000 |
|                                                                                     | 2  | Assembly rail for guide rail<br>(with 4 grub screws)                                    | 37463000             |
|    | 3  | Suction holder for guide rail<br>2 parts                                                | 37464000             |
|    | 4  | Diamond cutting disc<br>for concrete and hard natural stone<br>Ø 180 mm                 | 37443000             |
|    | 5  | Diamond cutting disc<br>for concrete and hard natural stone<br>Ø 200 mm                 | 37444000             |
|  | 6  | Diamond cutting disc<br>for tiles and stoneware<br>Ø 125 mm                             | 3744B000             |
|  | 7  | Diamond milling disc<br>Ø 125 mm, milling width 7 mm                                    | 3744C000             |
|  | 8  | Diamond disc for curved cut<br>Ø 115 mm                                                 | 3744A000             |
|  | 9  | Plate enlargement for ETT 700/ETT 1200<br>167 x 485 mm                                  | 09803000             |
|  | 10 | Water tank<br>5 l plastic                                                               | 35811000             |
|  | 11 | Water tank<br>10 l metal                                                                | 35812000             |
| FOR STONE CUTTING SAW                                                               |    |                                                                                         |                      |
|  | 12 | Diamond universal cutting disc<br>Ø 350 mm                                              | 37475000             |
|  | 13 | Plug (aluminium) for dust extraction<br><b>Absolutely necessary when cutting metal!</b> | 37476000             |
|  | 14 | Diamond cutting disc<br>Ø 350 mm                                                        | 37471000             |
|  | 15 | Folding table with board<br>B 400 x L 600 x H 850 mm                                    | 37473000             |



## A Sawing/Cutting/Slitting ACCESSORIES

| FOR CUTTING AND GRINDING SYSTEMS                                                    |    |                                                                                                                                                            |          |
|-------------------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|    | 16 | Diamond cutting disc Ø 230 mm                                                                                                                              | 37448000 |
|    | 17 | Diamond cutting disc universal Ø 350 mm for ETR 350/ETR 350 P/ETR 350.1 P<br>ETR 400 P/ETR 400.1 P                                                         | 37475000 |
|    | 18 | Plug (aluminium) for dust extraction<br>Absolutely necessary when cutting metal!                                                                           | 37476000 |
|    | 19 | Diamond cutting disc Premium, Ø 350 mm for ETR 350/ETR 350 P/ETR 350.1 P                                                                                   | 3744G000 |
|                                                                                     |    | Diamond cutting disc Premium, Ø 400 mm for ETR 400 P/ETR 400.1 P                                                                                           | 3744T000 |
|    | 20 | Diamond cutting disc near to the edge Premium, Ø 350 mm, ETR 350/ETR 350 P/ETR 350.1 P                                                                     | 3744H000 |
|                                                                                     |    | Diamond cutting disc near to the edge Premium, Ø 400 mm, ETR 400 P/ETR 400.1 P                                                                             | 3744V000 |
|    | 21 | Set of Adapter for cutting near to the edge for ETR 350/ETR 350 P/ETR 350.1 P                                                                              | 3744K000 |
|                                                                                     |    | Set of Adapter for cutting near to the edge for ETR 400 P/ETR 400.1 P                                                                                      | 3744W000 |
|   | 22 | Adjustment and limitation for cutting depth incl. cover plate - ETR 350 P/ETR 350.1 P                                                                      | 3744L000 |
|                                                                                     |    | Adjustment and limitation for cutting depth incl. cover plate - ETR 400 P/ETR 400.1 P                                                                      | 3744U000 |
|  | 23 | Set of Guide rails 200 cm for ETR 350/ETR 350 P/ETR 350.1 P/ETR 400 P/ETR 400.1 P<br>2x Guide rail 100 cm incl. machine holder,<br>connection and mounting | 3744N000 |
|  | 24 | Guide rail 100 cm for ETR 350/ETR 350 P/ETR 350.1 P/ETR 400 P/ETR 400.1 P<br>incl. connection and mounting                                                 | 3744P000 |
|  | 25 | Fastening set for Guide rails for ETR 350/ETR 350 P/ETR 350.1 P/ETR 400 P/ETR 400.1 P                                                                      | 35729000 |
|  | 26 | Blade set<br>Universal Premium, 2 parts                                                                                                                    | 37452000 |
|  | 27 | Diamond blade<br>Premium Ø 125 mm                                                                                                                          | 3744D000 |
|  | 28 | Diamond blade<br>Standard Ø 150 mm                                                                                                                         | 37440000 |
|  | 29 | Diamond blade<br>Premium Ø 150 mm                                                                                                                          | 37441000 |
|  | 30 | Diamond blade<br>Premium Ø 180 mm                                                                                                                          | 37443000 |
|  | 31 | Distance discs<br>for the using of 3 blades for EMF 150.1/EMF 180                                                                                          | 3744E000 |
|                                                                                     | 32 | for the using of 4 blades for EMF 150.1/EMF 180                                                                                                            | 37445000 |
|                                                                                     | 33 | for the using of 3 blades for EMF 180.1/EMF 180.2                                                                                                          | 3744S000 |
|  | 34 | V-joint plate Ø 180 mm for EMF 180<br>- for creating expansion joints                                                                                      | 37442000 |
|                                                                                     | 35 | Floor guiding drive EMF 180.1/EMF 180.2                                                                                                                    | 3744X000 |

# POLISHING CALENDERING



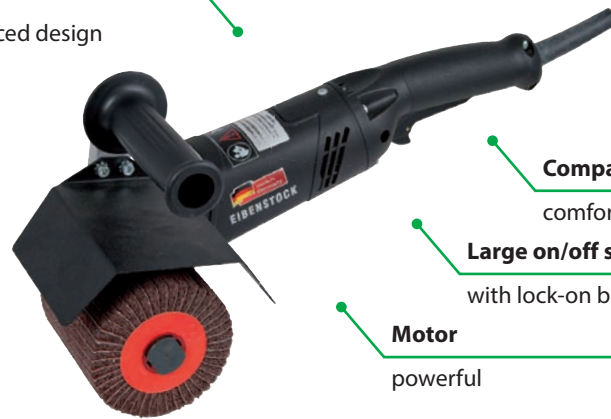
| Model                                                                                                                       | Page | Max. disc diameter | Spindle connection | Power input | Rated speed   |
|-----------------------------------------------------------------------------------------------------------------------------|------|--------------------|--------------------|-------------|---------------|
|  <p>WPN 180<br/><b>05710000</b></p>        | 120  | 180 mm             | M 14 male          | 1200 W      | 1500-2800 rpm |
|  <p>ESM 1310<br/><b>0541F000</b></p>      | 121  | 120 mm             | Ø 19 mm            | 1300 W      | 1300-3050 rpm |
|  <p>ESM 1311 Set<br/><b>0541K000</b></p> | 121  | 120 mm             | Ø 19 mm            | 1300 W      | 1300-3050 rpm |





#### Slim housing design

compact,  
well balanced design



#### Compact handle

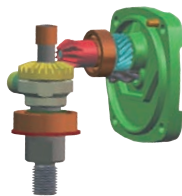
comfortable use

#### Large on/off switch

with lock-on button

#### Motor

powerful



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

- 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, calendaring 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




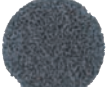












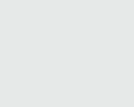
| SPECIFICATIONS        | ESM 1310                     | ESM 1311 Set                                                    |
|-----------------------|------------------------------|-----------------------------------------------------------------|
| Power input           | 1300 W                       | 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 |





## Polishing/Calendering ACCESSORIES




| FOR POLISHER |                                                                                    |                                                                                            |          |
|--------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------|
| 1            |   | 1 Sanding disc plastic, M 14                                                               |          |
|              |                                                                                    | Ø 100 mm                                                                                   | 37300000 |
|              |                                                                                    | Ø 125 mm                                                                                   | 37302000 |
|              |                                                                                    | Ø 150 mm                                                                                   | 37303000 |
|              |                                                                                    | Ø 178 mm                                                                                   | 37304000 |
| 2            |   | 2 Polishing sponges for sanding disc                                                       |          |
|              |                                                                                    | Ø 180 mm - fine, honey combed                                                              | 37328000 |
| 3            |   | 3 Wool polishing bonnet for sanding disc (without intermediate layer)                      |          |
|              |                                                                                    | Ø 125 mm                                                                                   | 37325000 |
| 4            |   | 4 Fleece disc for sanding disc (synthetic resin-bonded fleece on backing pad)              |          |
|              |                                                                                    | Ø 115 mm                                                                                   | 37311000 |
|              |                                                                                    | Ø 125 mm                                                                                   | 37313000 |
|              |                                                                                    | Ø 180 mm                                                                                   | 37315000 |
| 5            |  | 5 Case for machine and accessories<br>(ELP 1300, EPO 1310, EPO 1401, EPN 1310, EPN 1310 P) | 37330000 |

| FOR CALENDER |                                                                                     |                                                                                                                                            |          |
|--------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 6            |  | 6 Starter kit finishing wheels                                                                                                             | 37520000 |
|              |                                                                                     | 1x sanding flap wheel (rough), 1x polishing fleece wheel (rough),<br>1x polishing fleece wheel (fine), 1x flap-fleece combi wheel (medium) |          |
| 7            |  | 7 Sanding flap wheel, 4 pieces - fine grinding, removal and cleaning of welds                                                              |          |
|              |                                                                                     | Ø 100 x B 100 mm - rough (P60)                                                                                                             | 37521000 |
|              |                                                                                     | Ø 100 x B 100 mm - medium (P80)                                                                                                            | 37522000 |
|              |                                                                                     | Ø 100 x B 100 mm - fine (P120)                                                                                                             | 37523000 |
| 8            |  | 8 Polishing fleece wheel, 4 pieces - removal of oxide films, refinish                                                                      |          |
|              |                                                                                     | Ø 100 x B 100 mm - rough                                                                                                                   | 37525000 |
|              |                                                                                     | Ø 100 x B 100 mm - medium                                                                                                                  | 37526000 |
|              |                                                                                     | Ø 100 x B 100 mm - fine                                                                                                                    | 37527000 |
| 9            |  | 9 Flap-fleece combi wheel, 4 pieces - deburring and cleaning, refinish                                                                     |          |
|              |                                                                                     | Ø 100 x B 100 mm - rough (P60)                                                                                                             | 37531000 |
|              |                                                                                     | Ø 100 x B 100 mm - medium (P100)                                                                                                           | 37532000 |
|              |                                                                                     | Ø 100 x B 100 mm - fine (P150)                                                                                                             | 37533000 |
| 10           |  | 10 Nylon fleece wheel - removal of oxide films, lacquers                                                                                   | 37535000 |
|              |                                                                                     | Ø 100 x B 100 mm                                                                                                                           |          |
| 11           |  | 11 Rubber air roller for sanding sleeves                                                                                                   | 37512000 |
|              |                                                                                     | Ø 100 x B 100 mm                                                                                                                           |          |
| 12           |  | 12 Sanding sleeve, 10 pieces - removal of oxide films, deburring and cleaning                                                              |          |
|              |                                                                                     | Ø 100 x B 100 mm - rough (P60)                                                                                                             | 37513000 |
|              |                                                                                     | Ø 100 x B 100 mm - medium (P80)                                                                                                            | 37514000 |
| 13           |  | Ø 100 x B 100 mm - fine (P150)                                                                                                             | 37515000 |
| 14           |  | 13 Roller brush - for wood texturing                                                                                                       | 37537000 |
|              |                                                                                     | Ø 100 x B 100 mm - Nylon (K80)                                                                                                             |          |
|              |                                                                                     | 14 Exhaust hood                                                                                                                            | 37501000 |
| 15           |  | 15 Case for machine and accessories                                                                                                        | 37330000 |

# PUMP~ & VACUUMING





| Model                                         |                                                                                   | Page | Tank volume | Dust volume | Max. power input |
|-----------------------------------------------|-----------------------------------------------------------------------------------|------|-------------|-------------|------------------|
| SS 1401 L<br>09921000                         |  | 124  | 25 l        | 21 l        | 1250 W           |
| DSS 25 A<br>09915000                          |  | 125  | 25 l        | 20 l        | 1400 W           |
| DSS 50 A<br>09916000                          |  | 125  | 50 l        | 45 l        | 1400 W           |
| DSS 25 M<br>09917000                          |  | 126  | 25 l        | 20 l        | 1400 W           |
| DSS 35 M iP<br>09919000                       |  | 127  | 35 l        | 25 l        | 1600 W           |
| Pump vacuum cleaner EPS 50<br>09927000<br>NEW |  | 128  | 50 l        | –           | 1300 W           |



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

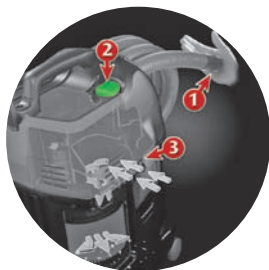
**25 l**

#### 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 x B x 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 cm<sup>2</sup> – 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/m<sup>3</sup>
- with automatic switch-on for attached machines



## Industrial vacuum cleaner DSS 25 A and DSS 50 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<sup>2</sup> – 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**

**50 l**

| SPECIFICATIONS            | DSS 25 A        | DSS 50 A        |
|---------------------------|-----------------|-----------------|
| Max. power input          | 1400 W          | 1400 W          |
| Rated voltage             | 230 V ~         | 230 V ~         |
| Tank volume (max.)        | 25 l            | 50 l            |
| Dust volume (net)         | 20 l            | 45 l            |
| Max. air flow             | 73 l/s          | 73 l/s          |
| Max. vacuum               | 270 mbar        | 270 mbar        |
| Dimensions L x B x H (mm) | 457 x 400 x 535 | 580 x 470 x 640 |
| Weight                    | 11.7 kg         | 16.7 kg         |
| Order no.                 | 09915000        | 09916000        |

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





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 x B x 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 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 cm<sup>2</sup> – 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, stable fasteners



## Industrial vacuum cleaner DSS 35 M iP

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

#### APPLICATION:

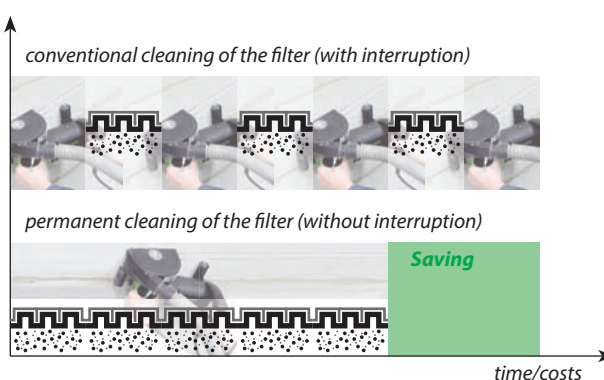
- Vacuuming of dust (dry) and sludges (wet)

#### 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 cm<sup>2</sup> – 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 x B x H | 550 x 400 x 550 mm |
| Weight               | 14.0 kg            |
| Order no.            | 09919000           |

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





50 l



NEW

## 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  $\varnothing$  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



|  |    | SS 1401 L                                                                                                                                                                   | DSS 25 | DSS 50 | DSS 35 |   |          |
|--|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|---|----------|
|  | 1  | Accessory-kit stainless steel<br>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)<br>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<br>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<br>5.00 m                                                                                                                                              | -      | x      | x      | x | 35302000 |
|  |    | 3.20 m                                                                                                                                                                      | -      | x      | x      | x | 35307000 |
|  | 18 | Antistatic hose Ø 35 mm<br>5.00 m                                                                                                                                           | -      | x      | x      | x | 35319000 |

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Technical changes, errors and omissions excepted.  
Illustrations may vary.