



#### Spindle connection

standard connection for all attachments and accessories

#### Motor

powerful, durable

#### Dust extraction\*/ Water supply\*

integrated

#### Additional handle

variable adjustment on the collar



#### Lock-on button

protection against accidental fixing

#### Metal gearbox

long service life

#### PUR-construction site cable\*

for heavy duty use

• **Mechanical safety clutch\***  
protection of the user

• **Electronic**  
soft start\*  
overload indication\*  
temperature control\*  
over current cut-off\*  
constant speed\*  
service indicator\*

\* not present on all models

## CHARACTERISTICS OF DIAMOND CORE DRILLS

With a wide range of different diamond core drills EIBENSTOCK offers tailored solutions for diamond core drilling between diameter 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.

## » 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
- 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
- Ergonomic handle with large-dimensioned switch button – good control and effortless working
- PUR-construction site cable – strong for heavy duty use
- Integrated levels on machine



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



SPECIFICATIONS	PLD PLD 182.1 NT	
Power input	2300 W	
Rated voltage	230 V ~	
No-load speed	0-1000/0-2200/0-4400 rpm	
Drilling diameter	Concrete (wet)	
	1. Gear	82-182 mm
	2. Gear	42-82 mm
	3. Gear	12-42 mm
	Brickwork (dry)	
	1. Gear	122-202 mm
	2. Gear	62-122 mm
	3. Gear	12-62 mm
Spindle connection	G½" female + 1¼" male	
Collar diameter	60 mm	
Weight	7,5 kg	
Order no.	0343X000	

Supplied PLD 182.1 NT in a case, connection for dust extraction and water supply 1¼" f-1¼" m, jaw wrench SW 32/41



**Shortest design in its power range – ideal for narrow spaces**



## 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!

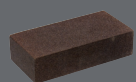


**Water tank**  
10 l metal, incl. 3.5 m hose  
with Gardena-Connector

**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 48)

**03435000**

