Core drilling system
DRA500 hydraulic
Core drilling up to Ø 500 mm

The DRA500, a drill rig for maximum stability and the highest demands during drilling. The proven ModulDrill™ quick clamping system enables fast and secure mounting of drill motors. Thanks to an extended drilling column, even long through-holes can be made with ease. Thanks to the modular design, combined use with TYROLIT cable saws and electric equipment is possible without difficulty.
# System & Accessories

## Technical data

### Drill rig DRA500

- **Drill diameter range**: 100–250 mm
- **Max. drill diameter with distance plate 180 mm (Gearbox)**: 400 mm
- **Max. drill diameter with distance plate 250 mm (Gearbox)**: 500 mm
- **Max. drill bit length**: 825 mm

### Design

- **Steel dowel foot**
- **Two speed feed gearbox i=1:1 & i=1:3.5**
- **Feed using hand crank or hydraulic drive**
- **Diagonal adjustment 90°–45°**
- **Centre indicator**
- **Angle indicator**
- **Adjustable feet (M12)**
- **Adjustable and interchangeable roller guides**
- **3 handles**
- **ModulDrill™ quick change clamping system**

### Dimensions & Weight

- **Length**: 454 mm
- **Width**: 301 mm
- **Height**: 1 182 mm
- **Weight**: 26 kg

## System & Accessories

### Core drilling system DRA500

- 10987700 Drill rig DRA500
- 976032 Motor complete B 145 ccm / FD incl. PRV*
- 974276 Drill spindle 1 ¼” complete incl. key
- 960630 ModulDrill™ spindle clamp 250 mm
- 960541 Hydraulic feed unit
- 977619 Fastening bolt assembly

### Accessories

- 977394 Quick grip device, 1.7–3.1 m
- 977448 Clamp for quick grip device, 1.7–3.1 m
- 977619 Fastening bolt assembly
- 984969 Rig extension 230 mm
- 984970 Rig extension 460 mm
- 984971 Rig extension 910 mm
- 977446 Additional support for rig extension, 910 mm
- 964906 ModulDrill™ distance plate Ø +180 mm
- 964907 ModulDrill™ distance plate Ø +250 mm
- 974270 Extraction device for core bits
- 977353 Extraction device for cores
- 977392 Trolley chassis
- 964378 Tool box
- 10991465 Water tank 10 l

## Hydraulic drill motors (on drill spindle)

### With hydraulic feed

- 976156 Motor complete B 75 ccm / FD incl. PRV*
- 976157 Motor complete B 100 ccm / FD incl. PRV*
- 976032 Motor complete B 145 ccm / FD incl. PRV*
- 976033 Motor complete B 160 ccm / FD incl. PRV*

### With manual feed (with control valve)

- 976146 Motor unit B 60 ccm / FD incl. PRV*
- 976147 Motor unit B 75 ccm / FD incl. PRV*
- 976148 Motor unit B 100 ccm / FD incl. PRV*
- 976023 Motor unit B 145 ccm / FD incl. PRV*
- 976024 Motor unit B 160 ccm / FD incl. PRV*

*PRV = Pressure control valve