

CORE DRILLING SYSTEM DRA500 ★★★ HYDRAULIC

CORE DRILLING UP TO Ø 500 MM



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 $90^\circ-45^\circ$
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



Time saving drill motor mounting using ModulDrill quick change clamping system



Step less controllable drilling using powerful hydraulic feed



Maximum stability using rear solid double column support

- Economical drilling with hydraulic drill and feed motor
- Precision drilling using optimised support with stable guide rollers
- Problem free transport together with easy assembly and dismantling by use of compact lightweight construction
- Fast and safe attachment of drill motor using the successful ModulDrill quick change clamping system
- Easy operation with two speed feed gearbox through two-speed feed gearbox of hydraulic feed
- Increased flexibility using extendable drilling column for long lead-in holes
- Combined operation with Tyrolit Hydrostress wire saws as well as electric drilling thanks to modular structure is easily realisable

System recommendation

CORE DRILLING SYSTEM DRA500***	
10987700	Drill rig DRA500P
976032	Motor complete B 145 ccm / FD incl. PRV
974276	Drill spindle 1 1/4" complete incl. key
960630	ModulDrill spindle clamp 250 mm
960541	Hydraulic feed unit
977619	Fastening bolt assembly

ACCESSORIES	
980645	Cover for quick grip device
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
10977252	Drill Guide P803+
977392	Trolley chassis
964378	Tool box
10986534	Water tank 10 l

Hydraulic drill motors (on drill spindle)

WITH HYDRAULIC FEED	
976154	Motor complete B 45 ccm / FD incl. PRV
976155	Motor complete B 60 ccm / FD incl. PRV
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)	
976145	Motor unit B 45 ccm / FD incl. PRV
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 160ccm / FD incl. PRV