

CORE DRILLING SYSTEM DRA500 ★★★

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	400 mm
Max. drill diameter with distance plate 250 mm	500 mm
Max. drill bit length	869 mm

DESIGN

Steel dowel foot
Two speed feed gearbox $i=1:1$ & $i=1:3,5$
Feed using hand crank
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

- Maximum stability and drilling power for the greatest demands
- Precision drilling using optimised support with stable roller guides
- Fast and safe attachment of drill motor using the successful ModulDrill quick change clamping system
- Easy operation with two speed feed gearbox as well as user friendly hand crank
- Simple drilling of diagonal holes using integrated angle indicator
- Increased flexibility using extendable drilling column for long lead-in holes
- Combined operation with Tyrolit Hydrostress wire saws as well as hydraulic drilling thanks to modular construction easily realisable



Drill column extensions from 230 to 910 mm



Highest loading capacity by use of extra wide, qualitative high quality drilling column gearing



ModulDrill distance plate for holes up to 500 mm diameter

The Tyrolit logo, consisting of the word "TYROLIT" in a bold, blue, sans-serif font. The letters are slightly slanted to the right, giving it a dynamic appearance. The logo is set against a white background.

System recommendation

CORE DRILLING SYSTEM DRA500***	
10987700	Drill rig DRA500P
963968	El. drill. motor DME52MWP
964907	ModulDrill distance plate Ø +250 mm
977619	Fastening bolt assembly

Accessories

ACCESSORIES	
974225	Vacuum plate complete
975731	Vacuum pump type BV 0,3
974524	Vacuum hose complete / 8 m
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
977464	ModulDrill mounting plate
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

Drill motors

	DME52MW***	DME35UW***	DME39MW***	DME75UW***
Drill diameter range in concrete ca.	110-500 mm	25-450 mm	70-400 mm	150-1,000 mm
Nominal power	5.2 kW	3.4 kW	3.9 kW	7.5 kW
Nominal current	9.5 A	16 A	7.2 A	15 A
Nom. voltage/frequency	400 V / 50 Hz	230 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
Load speed	130/260/410 1/min	210/360/600/1000 1/min	160/340/510 1/min	60/115/175 1/min 80/160/250 1/min 100/195/300 1/min
No load speed	140/280/430 1/min	330/560/920/1530 1/min	180/380/570 1/min	65/120/185 1/min 85/170/265 1/min 105/205/315 1/min
Cooling	Water cooling	Air cooling	Water cooling	Water cooling
Tool attachment external thread	1 ¼"	1 ¼"	1 ¼"	Plain key
Operation	Drill rig operation	Drill rig operation	Drill rig operation	Drill rig operation
Application	Wet	Wet	Wet	Wet
Electronic overload cut-out	•	•	•	•
Mechanical overload cut-out	•	•	•	•
PRCD protective switch		•		
Universal plate		•		•
ModulDrill	•		•	
ModulDrill mounting plate		Optional		Optional
Weight	22.9 kg	14 kg	19 kg	19.5 kg