

CORE DRILLING SYSTEM DRU250*** / DRA250***

CORE DRILLING UP TO Ø 250 MM



Technical data

DRILL RIG	DRA250***	DRU250***
Drill diameter range	40 – 250 mm	
Max. drill diameter with water collecting ring		200 mm
Max. drill bit length	600 mm	582 mm

DESIGN

Aluminium dowel vacuum foot (DRU250***)		
Steel dowel foot (DRA250***)		
Two speed feed gearbox $i=1:1$ & $i=1:3,5$		
Feed using hand crank		
Diagonal adjustment $90^\circ-45^\circ$		
Centre indicator (DRU250***)		
Angle indicator		
Spirit level		
Adjustable feet (M12)		
Adjustable and interchangeable roller guides		
Handle	1	2
ModulDrill quick change clamping system		

DIMENSIONS & WEIGHT

Length	305 mm	447 mm
Width	205 mm	250 mm
Height	933 mm	908 mm
Weight	17 kg	14 kg



ModulDrill quick change clamping system – fast, simple and safe drill motor attachment



Fatigue free, ergonomic operation using fine feed operation ($i=1:3,5$)



Drilling in very restricted space using steel dowel feet

- Impressive stability and drilling performance by means of rigid manufacture and robust drilling columns-wide gear teeth
- Precision drilling thanks to optimised support with stable roller guides
- Problem free transport together with easy assembly and dismantling due to 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 as well as user friendly hand crank
- Simple drilling of diagonal bores using integrated angle indicator
- Maximum flexibility using dowel or vacuum attachment facility

System recommendation

CORE DRILLING SYSTEM DRA250***	
10987500	Drill rig DRA250P
964388	El. drill. motor DME24MWP
977619	Fastening bolt assembly
ACCESSORIES	
975378	Vacuum plate complete
984035	Vacuum pump CV 45 l/min., 0.8 bar; 220/50Hz EU
975372	Vacuum pump CV 45 l/min., 0.8 bar; 220/50Hz CH
975381	Vacuum hose 3 m complete
961614	Ceiling prop
977394	Quick grip device 1,7 - 3,1 m
977448	Clamp for quick grip device 1,7 - 3,1 m
977619	Fastening bolt assembly
977464	ModulDrill mounting plate
974270	Extraction device for core bits
977353	Extraction device for cores
10977252	Drill Guide P803+
977392	Trolley chassis
967588	Tool bag
10986534	Water tank 10 l

System recommendation

CORE DRILLING SYSTEM DRU250***	
10984500	Drill rig DRU250P
964388	El. drill. motor DME24MWP
960795	Vacuum set
984035	Vacuum pump CV 45 l/min., 0.8 bar; 220/50Hz EU
975381	Vacuum hose 3 m complete
ACCESSORIES	
960795	Vacuum set
984035	Vacuum pump CV 45 l/min., 0.8 bar; 220/50Hz EU
975372	Vacuum pump CV 45 l/min., 0.8 bar; 220/50Hz CH
975381	Vacuum hose 3 m complete
961614	Ceiling prop
977394	Quick grip device 1,7 - 3,1 m
977448	Clamp for quick grip device 1,7 - 3,1 m
977593	Fastening bolt assembly for vacuum base
977614	Fastening bolt assembly (masonry); for vacuum base
977464	ModulDrill mounting plate
10988902	Water retention ring complete Ø 200 mm
960785	Water retention ring holder; with centering device
960693	Gasket Ø 200 mm
974270	Extraction device for core bits
977353	Extraction device for cores
10977252	Drill Guide P803+
977392	Trolley chassis
967588	Tool bag
10986534	Water tank 10 l

Drill motors

	DME24MW***	DME24UW***	DME32MW***	DME32UW***
Drill diameter range in concrete ca.	40-250 mm	40-250 mm	55-350 mm	55-350 mm
Nominal power	2.4 kW	2.4 kW	3.2 kW	3.2 kW
Nominal current	11.5 A	11.5 A	15 A	15 A
Nom. voltage/frequency	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Load speed	300/640/960 1/min	300/640/960 1/min	230/480/720 1/min	230/480/720 1/min
No load speed	550/1120/1680 1/min	550/1120/1680 1/min	420/820/1250 1/min	420/820/1250 1/min
Cooling	Air cooling	Air cooling	Air cooling	Air cooling
Tool attachment external thread	1 ¼"	1 ¼"	1 ¼"	1 ¼"
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	11.9 kg	11.9 kg	11.9 kg	11.9 kg

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