

CORE DRILLING SYSTEM BC-2

CORE DRILL HOLES UP TO Ø 1,000 MM



Technical data

DRILL RIG BC-2

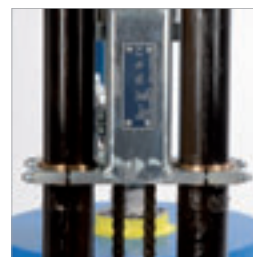
Drill diameter range	100 - 400 mm
Max. drill diameter with distance plates	1000 mm
Max. drill bit length	980 mm

DESIGN

Steel dowel foot
Two-speed feed gearbox $i=1:2$ and $i=1:9$
Feed using hand crank
Can be adjusted to any angle
Adjusting feet (micro)

DIMENSIONS & WEIGHT

Length	460 mm
Width	290 mm
Height	1,340 mm
Weight	30 kg



Good stability and light weight due to 2-column guiding principle



Holes up to a diameter of 1000 mm with ModulDrill distance plates

- Ideal for carrying out large hole drilling
- User-friendly working due to lightweight construction method using the 2-column guiding principle
- Convenient operation using two-speed feed gearbox
- Combined use of Tyrolit Hydrostress wire saws and hydraulic drilling is easy to achieve thanks to modular design
- Large selection of drilling accessories



Effortless drilling thanks to two-speed feed gearbox $i=1:2$ and $i=1:9$

System suggestion

CORE DRILLING SYSTEM BC-2	
974266	Drill rig BC-2
984076	Fastening plate for ModulDrill
10985278	El. drill. motor DME75UWP
10987580	Drilling flange for DME75UWP
977464	ModulDrill mounting plate
974263	Feed gear 1:2/1:9 2-speed
977462	Handwheel complete
977619	Fastening bolt assembly

Accessories

ACCESSORIES	
977619	Fastening bolt assembly
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+
974264	Trolley chassis
975746	Tool box
10986534	Water tank 10 l

Drill motors

	DME75UW***	DME35UW***	DME39MW***	DME52MW***
Drill diameter range in concrete approx.	150-1,000 mm	25-450 mm	70-400 mm	110-500 mm
Nominal power	7.5 kW	3.4 kW	3.9 kW	5.2 kW
Nominal current	15 A	16 A	7.2 A	9.5 A
Nom. voltage/frequency	400 V / 50 Hz	230 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
On-load speed	60/115/175 rpm 80/160/250 rpm 100/195/300 rpm	210/360/600/1000 1/min	160/340/510 rpm	120/240/360 rpm
Idling speed	65/120/185 rpm 85/170/265 rpm 105/205/315 rpm	330/560/920/1530 1/min	180/380/570 rpm	140/280/430 rpm
Cooling	Water cooling	Air cooling	Water cooling	Water cooling
Tool fitting external thread	Plain key	1 ¼"	1 ¼"	1 ¼"
Operation	Guided by drill rig	Guided by drill rig	Guided by drill rig	Guided by drill rig
Application	Wet	Wet	Wet	Wet
Electronic overload protection	•	•	•	•
Mechanical overload protection	•	•	•	•
PRCD protective switch		•		
Universal plate	•	•		
ModulDrill			•	•
ModulDrill mounting plate	Optional	Optional		
Weight	19.5 kg	14 kg	19 kg	22.9 kg