

CORE DRILLING SYSTEM BC-2 HYDRAULIC

CORE DRILL HOLES UP TO Ø 1,000 MM



Technical data

DRILL RIG BC-2	
Drill diameter	100 - 350 mm
Max. drill diameter with 700 mm gear reduction arm	700 mm
Max. drill diameter with 1,000 mm gear reduction arm	1,000 mm
Max. drill bit length	830 mm

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

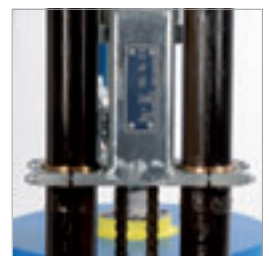
DIMENSIONS & WEIGHT	
Length	460 mm
Width	290 mm
Height	1,340 mm
Weight	30 kg



Gear reduction arm allows drilling of holes with diameter of up to 1,000 mm



Effective drilling using hydraulic feed



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

- Economic drilling with hydraulic drilling and feed motor
- 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 electric drilling is easy to achieve thanks to modular design
- Large selection of drilling accessories

System suggestion

CORE DRILLING SYSTEM BC-2, HYDRAULIC	
974266	Drill rig BC-2
976157	Motor complete B 100 ccm / FD incl. PRV
974276	Drill spindle 1 1/4" complete incl. key
974210	Extension arm 350 mm
974240	Hydraulic feed kit
974263	Feed gear 1:2/1:9 2-speed
977619	Fastening bolt assembly

Gear reduction arm

GEAR REDUCTION ARM MODULE GR700	
974283	Reduction ext. arm 700 mm i = 1:11
976163	Motor complete B/S 30 ccm / FD

GEAR REDUCTION ARM MODULE GR1000	
974280	Reduction ext. arm 1000mm i = 1:14
976163	Motor complete B/S 30 ccm / FD

ACCESSORIES FOR GEAR REDUCTION ARM	
974226	Extension GR 190 mm
974227	Extension GR 360 mm
974228	Extension GR 530 mm
977321	Large diameter flange
971294	GR-flange M30
10978286	GR-flange M30 with adapter 1 1/4"
974947	Adaptor BC 1 1/4" A
973927	Triplex chain for GR 700
973925	Triplex chain for GR 1000
973926	Core catcher bush to GR
980615	Lifting tube Ø 45 x 1000 mm

HYDRAULIC MOTORS FOR GEAR REDUCTION ARM	
976034	Motor complete B/S 12 ccm / FD
976160	Motor complete B/S 16 ccm / FD
976161	Motor complete B/S 18 ccm / FD
976162	Motor complete B/S 22 ccm / FD
976523	Motor complete B/S 26 ccm / FD
976163	Motor complete B/S 30 ccm / FD

Accessories

HYDRAULIC	
977462	Handwheel complete
977619	Fastening bolt assembly
974947	Adaptor BC 1 1/4" A
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

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