

CORE DRILLING SYSTEM BC-2 HYDRAULIC

Core drilling up to Ø 1000 mm



Gear reduction arms allow the drilling of bores up to 1000 mm in diameter



Powerful drilling with hydraulic feed



High stability yet low weight thanks to 2-pillar guide system

The BC-2 is ideal for drilling large holes up to 1000 mm. Thanks to the modular design, combined use with TYROLIT cable saws and electric

equipment is possible without difficulty. The dual-column guidance principle and a two-speed feed gear enable user friendly work and low weight.

A large selection of drill accessories rounds off the range.

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	1000 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	1340 mm
Weight	30 kg



System & Accessories



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
973925	Triplex chain for GR 1000
973926	Core catcher bush to GR

Hydraulic motors for gear reduction arm

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

System & Accessories

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
974264	Trolley chassis
975746	Tool box
10991465	Water tank 10 l

Hydraulic drill motors (on drill spindle)

With hydraulic feed

976156	Motor komplett B 75 ccm / FD inkl. DBV
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)

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

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