

# CORE DRILLING SYSTEM

## BC-2 HYDRAULIC

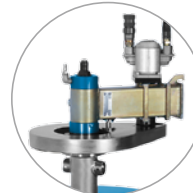
Core drilling up to Ø 1000 mm



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