

CORE DRILLING SYSTEM

BC-2 HYDRAULIC

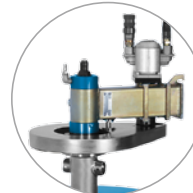
Core drilling up to Ø 1000 mm



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

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|--|--------------|
| 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

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|--------|------------------------------------|
| 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)

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|--------|-------------------------------------|
| 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 |