

Universal core drilling machine

MAIN FEATURES

- Full 360° operation for coring at any angle
- Main column extendable in height up to 3850 mm
- Robust and stable unit
- Rack feed (drilling excursion) 1000 mm long
- 3 working speeds

GENERAL DESCRIPTION

This robust versatile machine is ideal for field where it is necessary to core at any angle. The extension columns (see accessories) permit the holding at a maximum vertical or horizontal distance of 3850 mm. The rack feed (drilling excursion) is 1000 mm long.

The core bits, strap wrench and extension columns, are not part of the machine and have to be ordered separately. See accessories.

The core bits we propose have fixed standard coupling assuring the best alignment, fast and easy fitting and disassembling. See accessories.

We propose other models of coring machines: portable type (see [Portable core drilling machine](#)) and for asphalt coring (see [Pavement core drilling machine](#)).

TECHNICAL SPECIFICATIONS

- Coring angle: 0 to 360°
- Rack feed: 1000 mm
- Shaft thread: 1¼-7
- Power: 2200 W at 230 V; 1800 W at 110 V
- Full load speed: 670/1140/1580 r.p.m.
- Coring range dia.: 20/200 mm
- Dimensions approx.: 470x785x1630 mm
- Weight approx.: 80 kg

ORDERING INFO

83-C0301/D

Heavy duty universal core drilling machine, three speeds motor. 230 V, 50-60 Hz, 1 ph

83-C0301/DZ

Heavy duty universal core drilling machine, three speeds motor. 110 V, 60 Hz, 1 ph

ACCESSORIES

83-C0300/1

Extension rod 228 mm long

DATA SHEET

83-C0300/2

Strap wrench for fitting and removal of core bits

Coring bits and accessories

Thin wall diamond bits with bronze welded sectors suitable either for concrete or asphalt. Fixed standard coupling assuring the best alignment, fast and easy fitting and disassembling. Bit length 400 mm approx. They can be used for either asphalt or concrete. The core extractor is offered as an optional accessory and simplifies the removal of the core sample from the hole.

Core bits	To take core dia. mm	Weight approx. kg	Suitable core extractor model
83-C0320	50	2.2	83-C0310/2
83-C0321	75	2.8	83-C0311/2
83-C0322	100	3.7	83-C0312/2
83-C0323	150	5.4	83-C0313/2
83-C0324	200	7.5	83-C0314/2

DATA SHEET



83-C0301/A with 83-C0300/1, 83-C0300/2, and coring bit



83-C0322, 83-C0323 Core bits with fixed standard coupling for the best alignment, fast and easy fitting and disassembling.

DATA SHEET



Core extractor and 83-C0300/2 Strap wrench