

DATA SHEET

Universal Core Drilling Machine



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

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\#).

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

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

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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



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



Core extractor and 83-C0300/2 Strap wrench

Products

83-C0301/D

Heavy duty universal core drilling machine. 3 speeds motor. 230V/50-60Hz/1Ph

83-C0301/DZ

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Heavy duty universal core drilling machine. 3 speeds motor. 110V/60Hz/1Ph

Accessories and consumables

83-C0324

Coring bit for 200 mm dia x 400 mm long cores, with permanently attached head 1 1/4 W.

83-C0310/2

Core extractor dia 50 mm

83-C0311/2

Core extractor dia 75 mm

83-C0312/2

Core extractor dia 100 mm

83-C0313/2

Core extractor dia 150 mm

83-C0320

Coring bit for 50 mm dia x 400 mm long cores, with permanently attached head 1 1/4 W.

83-C0321

Coring bit for 75 mm dia x 400 mm long cores, with permanently attached head 1 1/4 W.

83-C0322

Coring bit for 100 mm dia x 400 mm long cores, with permanently attached head 1 1/4 W.

83-C0323

Coring bit for 150 mm dia x 400 mm long cores, with permanently attached head 1 1/4 W.

83-C0350/2

Tie-rod for core drill fastening

83-C0350/3

Pack of 50 expansion bolts for core drill fastening

83-C0314/2

Core extractor dia 200 mm