

PORTABLE CORE DRILLING MACHINE

The machine is composed by three main parts:

- Electric motor speed reducer
- Light alloy base with adjustable feet, and wheels
- Support column

These three parts can be easily assembled and disassembled for transportation. The support steel column can be angled with respect to the base. The motor support is mounted on rollers and ball bearings. The aluminium base can be easily fit on site by anchors, by suitable holding column or by vacuum using the appropriate accessory (see accessories). The machine can be used at any angle within the horizontal position by the appropriate fixing making sure that flushing water does not drop directly onto the motor. For internal use we suggest the machine is fit with a water collector system (see accessories, 83-C0350/5 Water collecting ring).

We propose other models of coring machines: Universal heavy duty model (see #universal-core-drilling-machine#) and for asphalt coring (see #pavement-core-drilling-machine#).

Core bits, extension, strap wrench, and other accessories, not included. See accessories



PORTABLE CORE DRILLING MACHINE

SPECIFICATION

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.: 35/200 mm

Dimensions approx.: 451x290x860 mm

Weight approx.: 36 kg

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

FEATURES

- Light and portable: weighs 36 kg only
- Steel tilting column up to 60-75°
- Slide with rollers and ball bearings
- Aluminium base fixable by anchors or vacuum horizontally or vertically

ACCESSORIES

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-C0300/1

Extension rod 228 mm long

83-C0300/2

Strap wrench

83-C0350/1

Attachment kit for vacuum connection.

83-C0350/2

Tie-rod for core drill fastening

83-C0350/3

Pack of 50 expansion bolts for core drill fastening

83-C0350/5

Water collecting ring.

83-C0365

Vacuum pump with reservoir for universal coring machines. 230V/50-60Hz/1Ph

83-C0314/2

Core extractor dia 200 mm

83-C0365/Z

Vacuum pump with reservoir. 110 V, 60 Hz, 1 ph

To provide the vacuum for holding securely the base. To be used with the Kit 83-C0350/1. Supplied complete with reservoir which is very Useful to maintain for some time a suitable vacuum level to avoid the fall or disconnection of the machine from the wall in case of current interruption.
Weight approx.: 11.5 kg

ORDERING CODE

83-C0350

Universal core drilling machine. Three speed. 230V/50-60Hz/1Ph

83-C0351

Universal core drilling machine. Three speed. 110V/60Hz/1Ph



