



**C322 KIT**  
**Universal electric core drilling machine**

Comprising:

- C321-10** UNIVERSAL DRILLING FRAME COMPLETE, but without electric motor
- C330** ELECTRIC MOTOR COMPLETE

Coring angle: 0 to 360°

The excursion group is rectified to assure a very soft and accurate drilling movement. The excursion is 550 mm.

Electric motor at three speeds: 670, 1140, 1580 rpm with speed reducer, provided of friction device and switch to CE Safety Directive.

The height of the vertical column is 1000 mm and it is pre-built for extension column connection (accessory mod. C322-01).

Power supply: 230 V 1ph 50/60 Hz 2200 W

Dimensions: 440x750x1300 mm

Weight: 85 kg

ACCESSORY:

**C322-01**  
EXTENSION COLUMN, 1000 mm long to connect to mod. C322 KIT for drillings over 1 metre from the ground. Supplied complete with clamping devices. Cadmium plated for rust protection.

SPARE PART:

**C330**  
ELECTRIC MOTOR, for C318N, C322 KIT and C324N  
Power 2200 Watt, three speeds 670 - 1140 - 1580 rpm complete with friction device, and connection to coolant water supply. Double extremely safe isolation and switch to CE Safety Directive. Connection to hub 1 1/4".  
Power supply: 230 V 1ph 50/60 Hz 2200 W. Weight: 9 kg

**Diamond core drill bits**  
**"with" backend screwed connector**

Designed for making holes and to get cores from hard materials, like concrete, reinforced concrete, rocks, stones, bituminous materials.

The diamond utilized for these bits is quality impregnated sinterized type.

The diamond segment is "9 mm high". The 9mm high segment is important for the bit life, because the diamond is about the 85% of the bit value.

The coupling between the bit and the motor shaft is direct through the backend screwed connector.

This diamond bit model is suitable to drill both reinforced concrete and also bituminous materials.



C322 KIT



C346 ÷ C346-04

C345

C344

C344-01

- C344** Strap wrench useful for unblocking any type of bit.
- C344-01** Strap wrench useful for unblocking only the bits with backend screwed connector.
- C345** Extension rod 300 mm. long (used for deep holes).



C339-01 ÷ C339-05

Model	Outside Dia. mm	Inside Dia. mm	Bit length mm	Expander Coupling	Core Extractor
<b>C339-01</b>	57	50	450	no	<b>C346</b>
<b>C339-02</b>	82	75	450	no	<b>C346-01</b>
<b>C339-03</b>	108	100	450	no	<b>C346-02</b>
<b>C339-04</b>	160	152	450	no	<b>C346-03</b>
<b>C339-05</b>	210	200	500	no	<b>C346-04</b>

The core extractor allows an easy removal of the core sample from the hole.