

CT 300



Incredible life of Fast Verdini diamond bits

Our customers drilled 300 holes, each 200 mm deep, half in reinforced concrete and half in masonry, with one Fast Verdini bit dia. 120 mm. This durability is the outcome of many year's experience, of precision machining and the quality of the diamond used.

CT 300 CORE DRILLING MACHINE SPECIFICATIONS

- > Drilling feed is by means of a handwheel operating a rectangular section screw in chromium-plated steel with bronze lead nut. The handwheel can be fitted onto two different pins, allowing two different feed speeds thanks to a spur gear pair.
- > Geared motor unit mounted on a strong, rigid slide travelling on a milled rectangular section beam. Brass gibs between slide and beam allow adjustment of travel backlashes. This system ensures smooth, oscillation-free slide travel over a long period of time, with quicker drilling and longer bit life.
- > The geared motor, slide and beam assembly is able to turn through 360° both horizontally and vertically, allowing drilling of floors, ceilings and walls from a single position with the drill fixed to the floor no need to fix the drill to walls or ceiling no more, messy falling paintwork or use of pump.
- > 230 V. single-phase geared motor.
- > Range of 2 different geared motors having 2 and 3 speeds, with mechanical clutch to protect internal mechanical components.
- > The 2 and 3 speeds geared motor has differential safety breaker incorporated in power cable.
- > The **CT 300** Core Drilling Machine offers the following fixing options:
 - 1 The pillar of the CT 300 can be extended with application of the special fixture for mounting on scaffolding.
 - 2 Base fixed with expansion plugs, allowing drilling in all directions.
 - 3 The front plate of the slide beam can be fixed against a wall.
 - 4 Mounting on scaffolding, with slide beam removed from pillar.
 - **5** Other option as picture nr. 3.
- > Geared motors are equipped with cocks for connection of the bit cooling water hose.
- > Minimum drilling distance from drill centre to wall: 70 mm, from drill centre to two corner walls: 100 mm.

CT 300

CT 300 CORE DRILLING MACHINE

Equipped with MW 2 speeds geared motor, 2.800 Watt, 600/1.200 rpm., 230 V. Safety circuit breaker incorporated in switch box. Drilling capacity dia. $25 \div 200/250$ mm. Standard pillar 1 mt equipped.



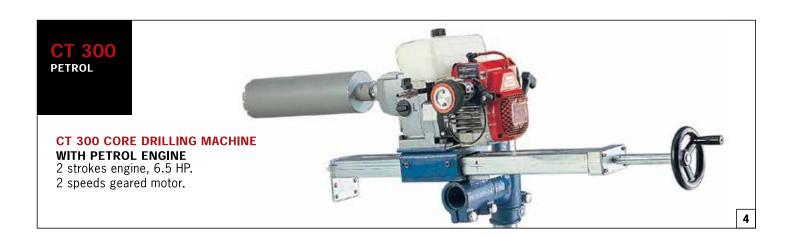
CT 300

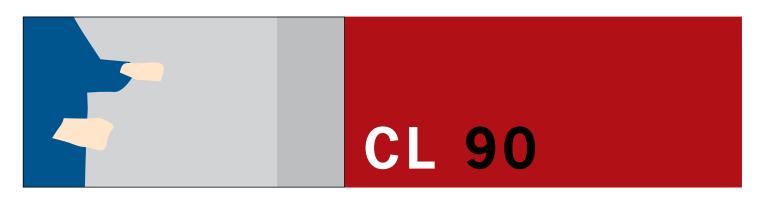
CT 300 CORE DRILLING MACHINE

A new attachment for fixing the CT300 to scaffolding: the whole of the CT300 assembly is fitted detaching it from colimn (undoing the vertical sleeve). It is then fixed to the small column on the new attachment: the drilling direction can then be tilted through 360° both vertically and horizontally. This is the only system that allows drilling to take place in all directions from the scaffolding.









CL90 Core drilling machine removed from the frame and used as a portable unit: in this case without water and with dry core bits. The side handgrip is fitted.



CORE DRILLING MOD. CL90

BOTH FOR DRILL STAND AND HAND HELD

With single phase gearmotor DK12 with three speeds of rotation 580/1400/2900 r.p.m. 1600 Watt - 230 Volts.

Drilling capacity Ø 20 - 130 mm. Column height 730 mm.

Stroke length 430 mm.

Total weight 17,5 kg.

Base dimensions: 205 (width) x 310 (length) mm.

Fixed to the wall using expansion bolts.



After 20 years' experience in the sector, FAST VERDINI has made the CL95 Core drilling machine. Light and easy to handle, it can be applied to the wall without dismantling the gear motor, also assisted by the handles.

CL 95

- > Inclinable column
- > Width base with two fixing options: by vacuum pump and by dowel. Four adjustable screws.

- Base dimensions: 240 (width) x 340 (length) mm
- > Motor carriage slides along the stainless steel column with brass gib plates to take up the play, control lever can be applied from either side.
- > Drilling capacity Ø 20 200 mm.
- > Column height 830 mm.
- > Stroke length 620 mm.
- > Inclinable up to 45°.
- > Motoreductor weight 12 kg.
- > Stand weight 13 kg.
- > Water collector up to diam. 150 mm.



MOD. DP5

DP5 attachment for fixing the CL95 to scaffolding. It is applied in place of the base with easy fitting.

MOTOREDUCTOR FOR CL95/CL100/CL200

CL95 with 3 speeds motoreductor,

300/640/960 r.p.m.

2400 Watt, 230 volts, centrifugal clutch, thermal swithc,

CL95 with 2 speeds motoreductor,

600/1200 r.p.m.

2800 Watt, 230 volts, centrifugal clutch, thermal swithc.



Fast Verdini S.p.A.
Machinery for building and roadwork

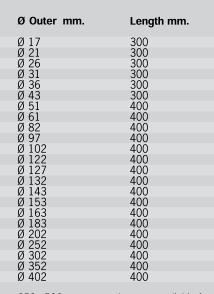
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Productivity of Fast Verdini core drilling machines

With Fast Verdini dia. 400 bits mounted on CT 300 Core Drilling Machines, holes 240 mm deep were drilled in just 24 minutes. Its continuous sequence of successes places Fast Verdini amongst the leaders, in Italy and internationally.

DIAMOND CORE BITS







Ø Outer mm.	Length mm.
Ø 25	60
Ø 30	60
Ø 35	60
Ø 42	60
Ø 50	60
Ø 60	60
Ø 80	500
Ø 100	500
Ø 120	500
Ø 150	500
Ø 200	500
Ø 250	500

