

# STITCH DRILLING SYSTEM

	DV SD-1500 system without motor	DV SD-1501 system with motor	DV SD-1504 system with motor
TRACK LENGTH / USABLE CARRIAGE TRAVEL	1500 / 1170 mm	1500 / 1170 mm	1500 / 1170 mm
CORE DRILL MOTOR MODEL	supplied without motor	T1 200-EL - 3 SPEED	T4 300-EL - 2 SPEED
MOTOR POWER (MAX MOTOR POWER)	supplied without motor	2200 W (2650 W)	3420 W (4400 W)
DRILLING DIAMETER	up to 150 mm	up to 100 mm	up to 150 mm



## PROFESSIONAL CORE DRILL SYSTEMS - 230V

CORE DRILL SYSTEMS	CARDI 304	CARDI 376	CARDI 501	CARDI 502
DRILL STAND MAST 1000 mm	C600	C600	C600	C600
CORE DRILL MOTOR MODEL	T4 300-EL - 2 SPEED	T6 375-EL - 3 SPEED	T9 475-EL - 4 SPEED	T9 506-EL - 6 SPEED
MOTOR POWER (MAX MOTOR POWER)	3420 W (4400 W)	3420 W (4400 W)	3420 W (4400 W)	3420 W (4400 W)
DRILLING CAPACITY IN CONCRETE	up to 300 mm	up to 400 mm	up to 500 mm	up to 500 mm
NOMINAL TORQUE (MAX TORQUE)	68 Nm (108 Nm)	93 Nm (152 Nm)	110 Nm (181 Nm)	131 Nm (216 Nm)

CORE DRILL SYSTEMS <i>extra long mast</i>	CARDI 304-1500	CARDI 376-1500	CARDI 501-1500	CARDI 502-1500
DRILL STAND MAST 1500 mm	C600-1500	C600-1500	C600-1500	C600-1500
CORE DRILL MOTOR MODEL	T4 300-EL - 2 SPEED	T6 375-EL - 3 SPEED	T9 475-EL - 4 SPEED	T9 506-EL - 6 SPEED
MOTOR POWER (MAX MOTOR POWER)	3420 W (4400 W)	3420 W (4400 W)	3420 W (4400 W)	3420 W (4400 W)
DRILLING CAPACITY IN CONCRETE	up to 300 mm	up to 400 mm	up to 500 mm	up to 500 mm
NOMINAL TORQUE (MAX TORQUE)	68 Nm (108 Nm)	93 Nm (152 Nm)	110 Nm (181 Nm)	131 Nm (216 Nm)

ELECTRIC FEEDING SYSTEM	DV FS-600
MOTOR TYPE	BRUSHLESS MOTOR - 150 W
MAXIMUM FEEDING FORCE	600 Kg

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**CARDI 501-1500**

3420 W - 4 speed  
drilling Ø 500 mm  
1,5 m mast

**CARDI 501**

3420 W - 4 speed  
drilling Ø 500 mm

**USE**

CARDI core drills serie has been specifically designed for a professional everyday use! Great Power, reliability and flexibility are the main strength of this series.

Designed to drill into any kind of construction material (except wood) : drilling range diameter from 25 (1") to 500 mm (20"), maximum drilling depth 8-10 m.

An heavy duty 2, 3, 4, 6 speed gearbox allows best cutting speed selection. Maximum flexibility: the single-phase motor runs on regular single phase house power.

**FEATURES**

Equipped with CARDI protection systems:

- CARDI "smart electronic": protects motor and operator in case of overload;
- mechanical clutch: protects operator when bit jamming;
- soft start: ensures smooth and safe start;
- P.R.C.D. (Portable Residual current device): ensures additional electrical safety for the user;

aluminum alloy gearbox and motor for maximum strength and lightweight. The gearbox is oil bathed ensuring lubrication and long life of the gears;

CARDI drill stands are equipped with integrated *Cam Lock Motor Mount System* allowing easy motor assembly and disassembly;

C600 and C600-1500 high quality drill stands: the steel roller carriage, moving on a steel made column, allows maximum accuracy and requires no lifelong adjustment since no component wears out;

designed and entirely made in Italy in compliance with international and European safety standards;

easy core bit removal with the CARDIFACILE easy release device for bits;

**ELECTRIC FEEDING SYSTEM DV FS-600**

Quick and effortless drilling due to the new DV FS-600 that powers the travel of the carriage on the column (available as accessory). The Feed System allows:

- safety and comfort improvement: the operator can monitor drilling operations from nearby;
- less diamond wearing;
- shorter drilling time;
- 600 Kg max feeding force;

