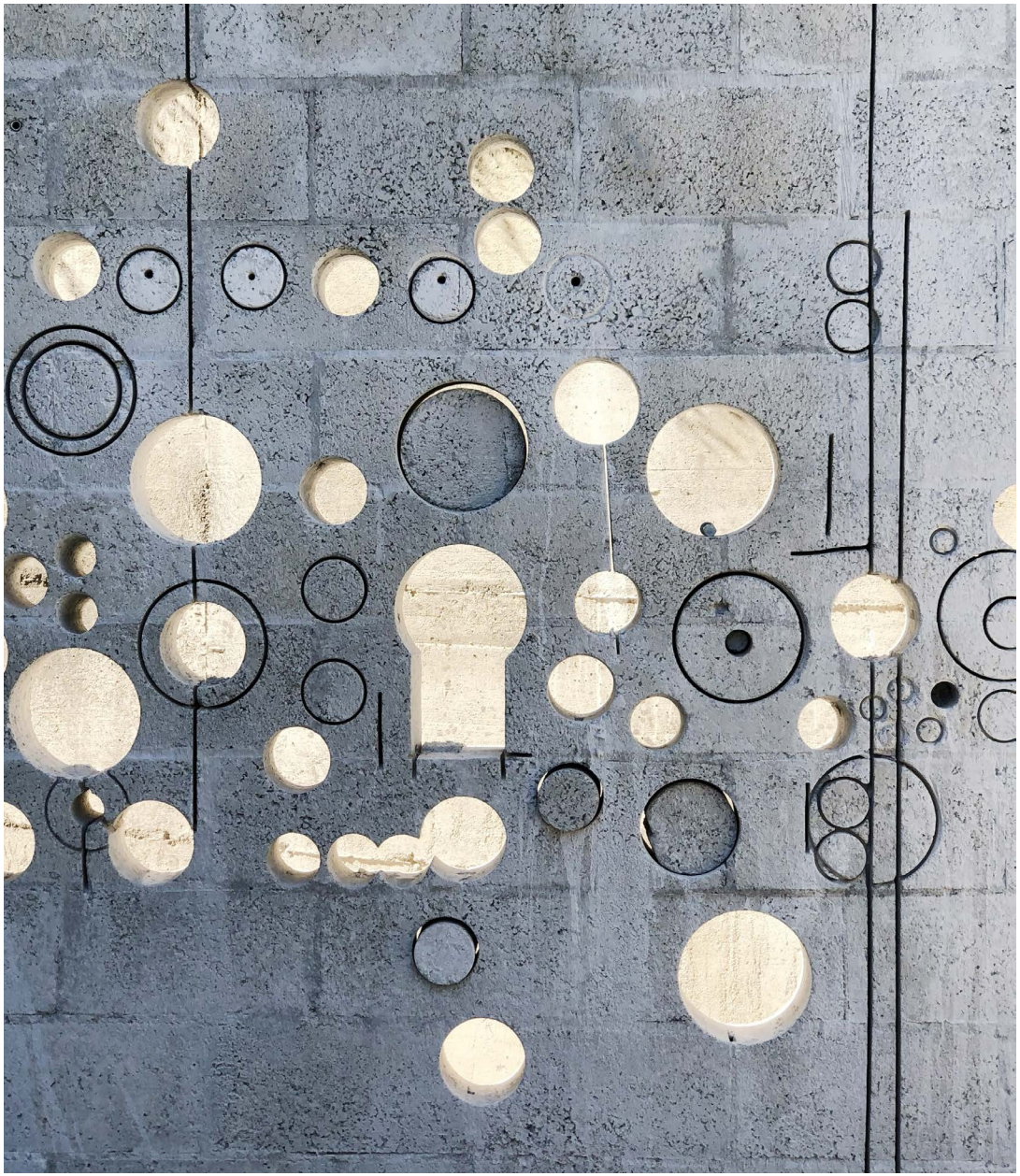
CARDI

www.cardi.biz



GENERAL CATALOGUE

drilling / cutting / sawing

T2000 MS-13

HAND-HELD CORE DRILL - DRY DRILLING

1 SPEED

	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	6"¼	6"¼	12"

dry drilling diamond core bits
M16 - 4", see pag. 45

EL SOFT START AIR

TECHNICAL SPECIFICATIONS		T2000 MS-13
CURRENT (110-120 V - 50/60 Hz)	A	15 (MAX 18)
R.P.M. IDLE / ON LOAD	r.p.m.	2,090 / 1,650
DRILLING RANGE IN MASONRY / ABRASIVE	Ø in	up to 6"¼
DRILLING RANGE IN CONCRETE	Ø in	up to 6"¼
BIT SPINDLE CONNECTION	---	M18 x 2.5
MATERIALS TO BE DRILLED		see chart on page 4
WEIGHT	Kg/lb	4.8 / 11
SUPPLIED INTO		PLASTIC CASE

ACCESSORIES

503148 - adaptor M18(f) - M16(m) **INCLUDED**

505561 - dust extraction chuck

506135 - quick adaptor M16 and SDS PLUS bit;

DPT H COMPACT dust extractor

506134 - SDS PLUS bit Ø.12 L=260 mm

503134 - extension M16 L=11" ¾

T1800 102 MU-EL

HAND-HELD CORE DRILL WET DRILLING

1 SPEED

	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	5"	4"	12"
	6"	5"	20"

EL SOFT START AIR PRCD

TECHNICAL SPECIFICATIONS		T1800 102 MU-EL
CURRENT (110-120 V - 50/60 Hz)	A	15 (MAX 18)
R.P.M. IDLE / ON LOAD	r.p.m.	940 / 740
DRILLING RANGE IN MASONRY / ABRASIVE	Ø in	up to 6"
DRILLING RANGE IN CONCRETE	Ø in	up to 5"
MAX RECOMMENDED HAND-HELD DRILLING	Ø in	5"
BIT SPINDLE CONNECTION	---	1" ¼ UNC + 5/8"
MATERIALS TO BE DRILLED		see chart on page 4
WEIGHT	Kg/lb	5.6 / 13
SUPPLIED INTO		PLASTIC CASE

ACCESSORIES

501367 - aaaptor 1" ¼ (f) - 1/2G(f)

506102 - quick bit unscrew device 1" ¼

506250 - Anchoring fixing bolt kit

501370 - 1" ¼ ALU extension L=11" ¾

L180 - tilting core drill stand

T2000 MA-14

HAND-HELD CORE DRILL
DRY DRILLING DUST EXTRACTION SYSTEM

DUST FREE EXTRACTION SYSTEM INTEGRATED — 1 SPEED — ASP.

	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	6"	6"	12"
	8"	6"	20"

core bits 1" ¼ - L=10"
for dust extraction, see
pag. 45

EL SOFT START AIR

TECHNICAL SPECIFICATIONS		T2000 MA-14
CURRENT (110-120 V - 50/60 Hz)	A	15 (MAX 18)
R.P.M. IDLE / ON LOAD	r.p.m.	1,480 / 1,170
DRILLING RANGE IN MASONRY / ABRASIVE	Ø in	up to 8"
DRILLING RANGE IN CONCRETE	Ø in	up to 6"
BIT SPINDLE CONNECTION	---	1" ¼ UNC
MATERIALS TO BE DRILLED		see chart on page 4
WEIGHT	Kg/lb	5.6 / 13
SUPPLIED INTO		PLASTIC CASE

ACCESSORIES

5013o7 - aaaptor 1" ¼ (f) - 1/2G(f)

506102 - quick bit unscrew device 1" ¼

506250 - Anchoring fixing bolt kit

501370 - 1" ¼ ALU extension L=11" ¾

DPT H COMPACT dust extractor

L180 - tilting core drill stand

T0L MU-EL

HAND-HELD CORE DRILL
WET DRILLING

2 SPEED

	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	5"	4"	12"
	6"	5"	20"

EL SOFT START AIR PRCD

TECHNICAL SPECIFICATIONS			T0L MU-EL
CURRENT (110-120 V - 50/60 Hz)		A	15 (MAX 18)
R.P.M. IDLE / ON LOAD	GEAR I	r.p.m.	1,200 / 950
	GEAR II	r.p.m.	2,200 / 1,740
DRILLING RANGE MASONRY / ABRASIVE		Ø in	up to 6"
DRILLING RANGE IN CONCRETE		Ø in	up to 5"
MAX RECOMMENDED HAND-HELD DRILLING		Ø in	5"
BIT SPINDLE CONNECTION		---	1" ¼ UNC + 5/8"
MATERIALS TO BE DRILLED			see chart on page 4
WEIGHT		Kg/lb	5.5 / 12
SUPPLIED INTO			PLASTIC CASE

ACCESSORIES

501367 - aaaptor 1" ¼ (f) - 1/2G(f)

506102 - quick bit unscrew device 1" ¼

506250 - Anchoring fixing bolt kit

501370 - 1" ¼ ALU extension L=11" ¾

L180 - tilting core drill stand

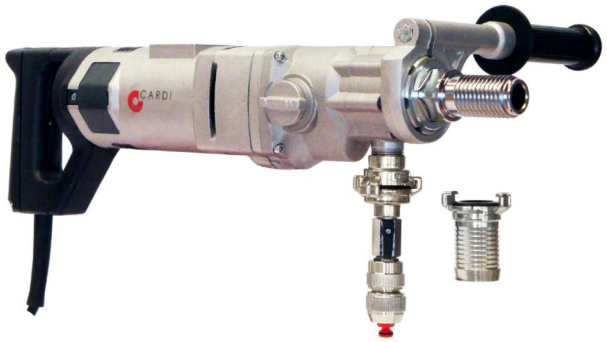
core bits 1" ¼ - for dust extraction, see pag. 45
core bits 1" ¼ - wet drilling, see pag. 46

core bits 1" ¼ - wet drilling, see pag. 46

T2200 ME-24

HAND-HELD CORE DRILL DRY & WET DRILLING WITH DUST EXTRACTION SYSTEM

DUST FREE EXTRACTION SYSTEM INTEGRATED · 2 SPEED · ASP



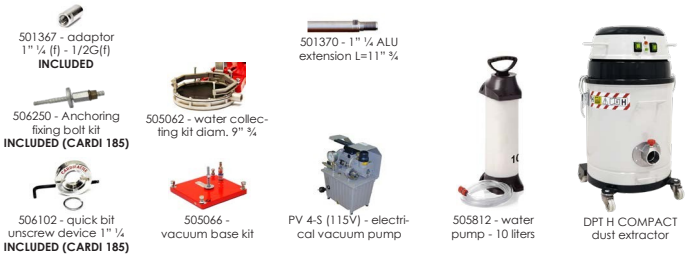
	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	7”	7”	16”
	8”	8”	28”

EL · SOFT START · PRCD

TECHNICAL SPECIFICATIONS			T2200 ME-24
CURRENT (110-120 V - 50/60 Hz)		A	18 (MAX 22)
R.P.M. IDLE / ON LOAD	SPEED I	r.p.m.	810 / 610
	SPEED II	r.p.m.	1,490 / 1,110
DRILLING RANGE IN MASONRY / ABRASIVE		Ø in	up to 8”
DRILLING RANGE IN CONCRETE		Ø in	up to 8”
MAX RECOMMENDED HAND-HELD DRILLING		Ø in	up to 7”
BIT SPINDLE CONNECTION		---	1” ¼ UNC
MATERIALS TO BE DRILLED			see chart on page 4
WEIGHT		Kg/lb	7 / 16
SUPPLIED INTO			PLASTIC CASE

TECHNICAL SPECIFICATIONS - CORE DRILL WITH STAND		CARDI 185
CORE DRILL MODEL		T2200 ME-24
DRILL STAND MODEL		L 180
DRILL STAND TILTING UP TO		45°
WEIGHT (CORE DRILL + DRILL STAND)	Kg/lb	7/16 + 10/22
CORE DRILL SUPPLIED INTO		PLASTIC CASE

ACCESSORIES



core bits 1” ¼ - for dust extraction, see pag. 45
core bits 1” ¼ - wet drilling, see pag. 46

CARDI 185

HAND-HELD CORE DRILL WITH DRILL STAND

CARDI 187

HAND-HELD CORE DRILL WITH DRILL STAND

T1 MU-EL

HAND-HELD CORE DRILL WET DRILLING FOR HEAVY DUTY USE

3 SPEED

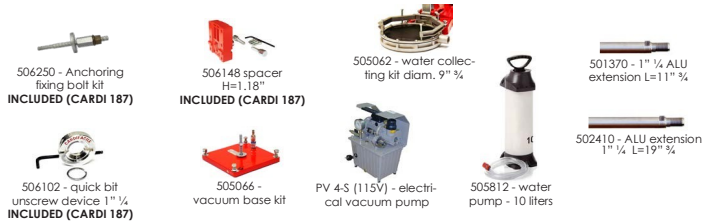
	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	7”	7”	
	10”	8”	

EL · SOFT START · PRCD

TECHNICAL SPECIFICATIONS			T1 MU-EL
CURRENT (110-120 V - 50/60 Hz)		A	18 (MAX 22)
R.P.M. IDLE / ON LOAD	SPEED I	r.p.m.	770 / 580
	SPEED II	r.p.m.	1,860 / 1,380
	SPEED III	r.p.m.	2,580 / 1,920
DRILLING RANGE IN MASONRY / ABRASIVE		Ø in	up to 10”
DRILLING RANGE IN CONCRETE		Ø in	up to 8”
MAX RECOMMENDED HAND-HELD DRILLING		Ø in	up to 7”
BIT SPINDLE CONNECTION		---	1” ¼ UNC + 5/8”
MATERIALS TO BE DRILLED			see chart on page 4
WEIGHT		Kg/lb	7.3 / 16
SUPPLIED INTO			PLASTIC CASE

TECHNICAL SPECIFICATIONS - CORE DRILL WITH STAND		CARDI 187
CORE DRILL MODEL		T1 MU-EL
DRILL STAND MODEL		L 180
DRILL STAND TILTING UP TO		45°
WEIGHT (CORE DRILL + DRILL STAND)	Kg/lb	7.3/16 + 10/22
CORE DRILL SUPPLIED INTO		PLASTIC CASE

ACCESSORIES



core bits 1” ¼ - wet drilling, see pag. 46

T1 ME-EL

HAND-HELD CORE DRILL DRY & WET DRILLING WITH DUST EXTRACTION SYSTEM FOR HEAVY DUTY USE

DUST FREE EXTRACTION SYSTEM INTEGRATED · 3 SPEED · ASP.

EL · SOFT START · PRCD

	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	7"	7"	16"
	10"	8"	35"

TECHNICAL SPECIFICATIONS			T1 ME-EL
CURRENT (110-120 V - 50/60 Hz)		A	18 (MAX 22)
R.P.M. IDLE / ON LOAD	SPEED I	r.p.m.	770 / 580
	SPEED II	r.p.m.	1,860 / 1,380
	SPEED III	r.p.m.	2,580 / 1,920
DRILLING RANGE IN MASONRY / ABRASIVE		Ø in	up to 10"
DRILLING RANGE IN CONCRETE		Ø in	up to 8"
MAX RECOMMENDED HAND-HELD DRILLING		Ø in	up to 7"
BIT SPINDLE CONNECTION		---	1" ¼ UNC
MATERIALS TO BE DRILLED			see chart on page 4
WEIGHT		Kg/lb	7.3 / 16
SUPPLIED INTO			PLASTIC CASE

TECHNICAL SPECIFICATIONS - CORE DRILL WITH STAND		CARDI 189
CORE DRILL MODEL		T1 ME-EL
DRILL STAND MODEL		L 180
DRILL STAND TILTING UP TO		45°
WEIGHT (CORE DRILL + DRILL STAND)	Kg/lb	7.3/16 + 10/22
CORE DRILL SUPPLIED INTO		PLASTIC CASE

ACCESSORIES

501367 - adaptor 1" ¼ (f) - 1/2G(f) **INCLUDED**

506250 - Anchoring fixing bolt kit **INCLUDED (CARDI 189)**

506102 - quick bit unscrew device 1" ¼ **INCLUDED (CARDI 189)**

506148 spacer H=1.18" **INCLUDED (CARDI 189)**

PV 4-S (115V) - electrical vacuum pump

505062 - water collecting kit diam. 9" ¾

501370 - 1" ¼ ALU extension L=11" ¾

505066 - vacuum base kit

502410 - ALU extension 1" ¼ L=19" ¾

505812 - water pump - 10 liters

DPT H COMPACT dust extractor

core bits 1" ¼ - for dust extraction, see pag. 45
core bits 1" ¼ - wet drilling, see pag. 46

CARDI 189

HAND-HELD CORE DRILL WITH DRILL STAND

1 SPEED

THE KIT CARDI 202-K IS SUPPLIED IN THE HEAVY DUTY PLASTIC CASE WITH WHEELS

CARDI 202-K

CORE DRILL KIT FOR MARBLE-GRANITE-STONE DRILLING

EL · SOFT START · PRCD

TECHNICAL SPECIFICATIONS		CARDI 202-K
CURRENT (110-120 V - 50/60 Hz)	A	18 (MAX 22)
R.P.M. IDLE / ON LOAD	r.p.m.	900 / 670
DRILLING RANGE IN MARBLE - GRANITE - STONE	Ø in	up to 8"
DRILLING RANGE IN CONCRETE - MASONRY	Ø in	up to 6"
BIT SPINDLE CONNECTION	---	1" ¼ UNC + 5/8"
FIXING		VACUUM OR ANCHOR
MATERIALS TO BE DRILLED		Marble - Granite - Stone
WEIGHT	Kg/lb	15 / 33
TRANSPORT PLASTIC CASE WITH WHEELS (TROLLEY)		INCLUDED

	drilling diameter MAX MARBLE - GRANITE - STONE	drilling diameter MAX CONCRETE and MASONRY
	8"	6"

THE CORE DRILL KIT CARDI 202-K INCLUDES:

1. core drill motor T2200 SU-15, 18A (MAX 22)
2. drill stand for core drill motor, model L 160-COMPACT
3. 505066 - vacuum base kit
4. 506250 - Anchoring fixing bolt kit
5. 504428 - transport plastic case with wheels (trolley)
6. diamond core bit **CDP XXX**, diam. available up to 4"

ACCESSORIES

PV 4-S (115V) - electrical vacuum pump

505812 - water pump - 10 liters

DIAMOND CORE BITS FOR GRANITE-STONE-MARBLE

CONNECTION 1/2G - LENGTH 4"

DIAMETERS mm	DIAMETERS in	SEGMENTS # x L - W - H, mm	SEGMENTS # x L - W - H, in	CODE
35	1.38	4 x 20 - 2.5 - 9	4 x 0.79 - 0.10 - 0.35	CDP 035
40	1.57	4 x 24 - 2.5 - 9	4 x 0.94 - 0.10 - 0.35	CDP 040
45	1.77	4 x 27 - 2.5 - 9	4 x 1.06 - 0.10 - 0.35	CDP 045
50	1.97	5 x 24 - 2.5 - 9	5 x 0.94 - 0.10 - 0.35	CDP 050
60	2.36	6 x 24 - 2.5 - 9	6 x 0.94 - 0.10 - 0.35	CDP 060
70	2.76	6 x 24 - 2.8 - 9	6 x 0.94 - 0.11 - 0.35	CDP 070
80	3.15	7 x 24 - 2.8 - 9	7 x 0.94 - 0.11 - 0.35	CDP 080
90	3.54	8 x 24 - 2.8 - 9	8 x 0.94 - 0.11 - 0.35	CDP 090
100	3.94	9 x 24 - 3.3 - 9	9 x 0.94 - 0.13 - 0.35	CDP 100
120	4.72	9 x 24 - 3.3 - 9	9 x 0.94 - 0.13 - 0.35	CDP 120

= number of segments W = segment width H = segment height L = segment length

CARDI 183-K
CORE DRILL KIT FOR PLUMBERS

DUST FREE EXTRACTION SYSTEM INTEGRATED | 1 SPEED | ASP.

EL | SOFT START | PRCD

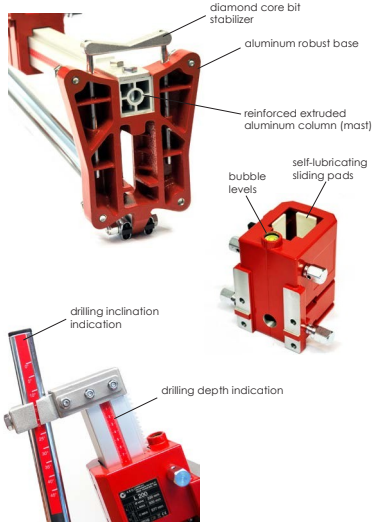
TECHNICAL SPECIFICATIONS

CURRENT (110-120 V - 50/60 Hz)	A	15 (MAX 18)
CORE DRILL STAND MODEL		L 180
R.P.M. IDLE / ON LOAD	r.p.m.	1,480 / 1,170
DRILLING RANGE IN MASONRY / ABRASIVE	Ø in	up to 8"
DRILLING RANGE IN CONCRETE	Ø in	up to 7"
MAX RECOMMENDED HAND-HELD DRILLING	Ø in	6"
BIT SPINDLE CONNECTION	---	1" ¼ UNC
DRILL STAND TILTING UP TO		45°
WEIGHT (CORE DRILL + DRILL STAND + FLUSH DRILLING DEVICE 502305)	Kg/lb	18.8 / 42
HAND-HELD CORE DRILL SUPPLIED INTO		PLASTIC CASE

	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	6"	6"	16"

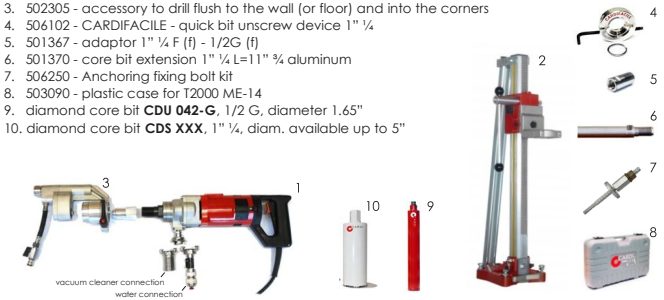
	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	8"	7"	19"

502305 - accessory to drill flush to the wall (or floor) and into the corners;
Suitable to drill masonry and concrete up to diam. 3" ¼, hand-held and on drill stand



THE KIT FOR PLUMBERS CARDI 183-K INCLUDES:

1. hand-held core drill T2000 ME-14
2. drill stand for hand-held core drill, model L 180
3. 502305 - accessory to drill flush to the wall (or floor) and into the corners
4. 506102 - CARDIFACILE - quick bit unscrew device 1" ¼
5. 501367 - adaptor 1" ¼ F (f) - 1/2G (f)
6. 501370 - core bit extension 1" ¼ L=11" ¾ aluminum
7. 506250 - Anchoring fixing bolt kit
8. 503090 - plastic case for T2000 ME-14
9. diamond core bit **CDU 042-G**, 1/2 G, diameter 1.65"
10. diamond core bit **CDS XXX**, 1" ¼, diam. available up to 5"

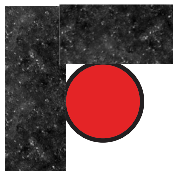


ACCESSORIES

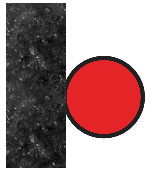
501377 - bit extension 1/2G L=11" ¾ | 505062 - water collecting kit diam. 9" ¾ | 505066 - vacuum base kit | PV 4-S (115V) - electrical vacuum pump | 505812 - water pump - 10 liters | DPT H COMPACT dust extractor

FLUSH DRILLING DEVICE

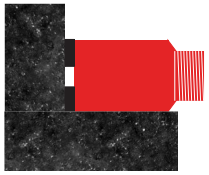
To drill with 1/2G connection core bits, max drilling diameter 3" ¼
Minimum flush drilling diameter: 1" ½



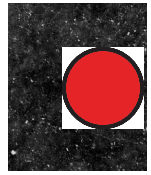
Drilling into corners



Drilling flush to the wall



Drilling flush to the floor



Drilling into the grooves

FLUSH TO THE WALL DRILLING

FLUSH TO THE FLOOR AND INTO THE CORNER

FLUSH TO THE FLOOR AND INTO THE CORNER

DRILLING ON DRILL STAND FLUSH TO THE WALLS AND INTO THE CORNER

CARDI 184-K

DRY DRILLING, HAND-HELD & ON DRILL STAND

DUST FREE
EXTRACTION SYSTEM INTEGRATED

CORE DRILL KIT FOR CHIMNEYS AND HEATING SYSTEMS FITTERS

TECHNICAL SPECIFICATIONS		
CURRENT (110-120 V - 50/60 Hz)	A	15 (MAX 18)
CORE DRILL STAND MODEL		L 180
R.P.M. IDLE / ON LOAD	r.p.m.	940 / 740
DRILLING RANGE	Ø in	up to 10"
BIT SPINDLE CONNECTION	---	1" ¼ UNC
DRILL STAND TILTING UP TO		45°
WEIGHT (CORE DRILL + DRILL STAND)	Kg/lb	5.6/13 + 10/22
CORE DRILL SUPPLIED INTO		PLASTIC CASE

	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	8"	7"	16"

	drilling diameter MASONRY	drilling diameter CONCRETE	suggested depth (with extension)
	10"	8"	19"

THE KIT INCLUDES:

1. hand-held core drill T2000 MA-15
2. drill stand for hand-held core drill, model L 180
3. 506148 - spacer kit H=1.18"
4. 506102 - CARDIFACILE - quick bit unscrew device 1" ¼
5. 501370 - core bit extension 1" ¼ L=11" ¾ aluminum
6. 506250 - Anchoring fixing bolt kit
7. 503090 - plastic case for T2000 ME-15
8. core bit CDS XXX, 1" ¼, diam. available up to 5"

ACCESSORIES

DPT H COMPACT
dust extractor

P2000 MS-13-K

DRY DRILLING WITH MICROPERCUSSION

CORE DRILL KIT FOR ELECTRICIANS

	drilling diameter MASONRY	drilling diameter CONCRETE
	6"½	6"½

TECHNICAL SPECIFICATIONS		P2000 MS-13-K
CURRENT (110-120 V - 50/60 Hz)	A	15 (MAX 18)
R.P.M. IDLE / ON LOAD	r.p.m.	2,090 / 1,650
PERCUSSIONS IDLE / ON LOAD	n/min	37,620 / 29,700
DRILLING RANGE IN MASONRY / ABRASIVE	Ø in	up to 6"½
DRILLING RANGE IN CONCRETE	Ø in	up to 6"½
BIT SPINDLE CONNECTION	---	M18 x 2.5
MATERIALS TO BE DRILLED		see chart on page 4
WEIGHT	Kg/lb	4.8 / 10.58
SUPPLIED INTO		PLASTIC CASE

THE CORE DRILL KIT FOR ELECTRICIANS INCLUDES

1. hand-held core drill P2000 MS-13 with micropercussion
2. 503134 - bit extension M16 L=11" ¾
3. 503148 - adaptor M18(f)-M16(m) for M16 bits
4. 506135 - quick adaptor M16 for SDS PLUS bit
5. 506134 - bit SDS PLUS Ø12 L=260 mm
6. 503060 - plastic case for P2000 MS-13
7. diamond core bit CDS XXX-M16, diam. available up to 5.2"

ACCESSORIES

505561 - dust extraction chuck

DPT H COMPACT
dust extractor

STATIONARY CORE DRILLS

SINGLE-PHASE 110-120V

CARDI 200
CARDI 250
CARDI 306
CARDI 400
CARDI 500
CARDI 501
CORE DRILL MOTORS
CORE DRILL STANDS

TWIN MOTOR

BM 805
BM 1005

CARDI 200 - CARDI 250

CARDI 200

18 A - 3 speed
drilling up to Ø 8"

CARDI 250

25 A - 2 speed
drilling up to Ø 10"

USERS

- general contractors, construction businesses
- plumbers and heating systems fitters
- electricians, fitters, installers
- cutting and coring professionals

APPLICATIONS

- openings in walls and floors for installations (air, water, gas etc.)
- drillings for fitting and anchoring of guarrails, fences, railings
- sampling of concrete cores for testing and verification
- continuous drilling of considerable length

TOTAL PROTECTION SYSTEM BY CARDI - ADVANTAGES

It consists of a combination of different functions, both electronic and mechanical, working in synergy to ensure the highest level of protection for the operator and for the machine:

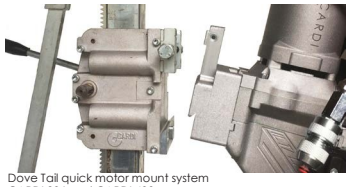
- **CARDI electronic clutch or electronic load limiter:**
  - protects from overloads and prevents damages to the motor
  - no breakdown during your work and very limited service costs
- **soft start (peaks limiter)**:
  - allows the machine to be plugged into a regular household outlet, avoiding the intervention of the line protection automatic switches
  - avoids peaks of power and hits to the anchoring system when the drilling starts
- **safety mechanical clutch:**
  - protects the operator in case the core bit gets stuck and suddendly stops
  - avoids damages to the gearbox
- **PRCD - GFI**
  - protects in case of electrical malfunctioning and loss of insulation
  - operates in case of live parts coming into contact with water
  - avoids an unintentional restart in the event of drop/loss and coming back of power

Rapid-Lock motor mounting system - CARDI 200 / 250

for core bits, see pag. 46

FEATURES

- **aluminum-made core drill motor**: heavy duty but light core drill motor
- **quick connection system:** allows safe and fast coupling and de-coupling of motor and stand, so that less weight can be handled during transport and set-up
- **tilted drilling:** CARDI core drills can be tilted up to 45°
- **CARDIFACILE:** quick bit unscrewing device supplied as standard: 41 and 32 mm wrenches are no longer needed to disassemble the core bit at the end of drilling
- **multipurpose feeding handle** (CARDI 200 / 250): the feeding handle is suitable to operate also on all screws and across different regulations
- **core bit stabilizer and bubble levels** (CARDI 200 / 250): devices to increase drilling accuracy
- **anchoring fixing bolt kit:** accessory supplied as standard, usable many times
- **contrast tie-rod:** device that, using a scaffold pipe, allows to stabilize the core drill and to work more safely (CARDI 306 / 400)



Dove Tail quick motor mount system
CARDI 306 and CARDI 400

Contrast tie-rod to be used with scaffold tube.

Detail of C 520 steel anchor base

for core bits, see pag. 46

TECHNICAL SPECIFICATIONS			CARDI 200	CARDI 250
CORE DRILL MOTOR MODEL			T1 200-EL	T4 300-EL
CORE DRILL STAND MODEL			L 200	L 250
CURRENT (110-120 V - 50/60 Hz)		A	18 (MAX 22)	25 (MAX 31)
R.P.M. IDLE / ON LOAD	SPEED I	r.p.m.	560 / 410	440 / 290
	SPEED II	r.p.m.	1,340 / 990	1,030 / 680
	SPEED III	r.p.m.	1,850 / 1,380	
DRILLING RANGE IN CONCRETE - WET		Ø in	up to 8"	up to 10"
BIT SPINDLE CONNECTION		---	1" ¼ UNC + 5/8"	1" ¼ UNC
WEIGHT		Kg/lb	19 / 42	29 / 64

ACCESSORIES

506250 - Anchoring fixing bolt kit
INCLUDED

505062 - water collecting kit diam. 9" ¾

501370 - 1" ¼ ALU extension L=11" ¾

502410 - ALU extension 1" ¼ L=19"1/2

505064 - scaffold anchoring kit

505355 - quick bit unscrew device 1" ¼
INCLUDED

505063 - vacuum base kit

PV 4-S (115V) - electrical vacuum pump

505812 - water pump - 10 liters

CARDI 306 - CARDI 400

CARDI 306

25 A - 2 speed
drilling up to Ø 12"

CARDI 400

25 A - 3 speed
drilling up to Ø 16"

TECHNICAL SPECIFICATIONS			CARDI 306	CARDI 400
CORE DRILL MOTOR MODEL			T4 300-EL	T6 375-EL
CORE DRILL STAND MODEL			C 520	C 520
CURRENT (110-120 V - 50/60 Hz)		A	25 (MAX 31)	25 (MAX 31)
R.P.M. IDLE / ON LOAD	SPEED I	r.p.m.	440 / 290	310 / 200
	SPEED II	r.p.m.	1,030 / 680	700 / 460
	SPEED III	r.p.m.		1,300 / 860
DRILLING RANGE IN CONCRETE - WET		Ø in	up to 12"	up to 16"
BIT SPINDLE CONNECTION		---	1" ¼ UNC	1" ¼ UNC
WEIGHT		Kg/lb	40 / 88	41 / 90

ACCESSORIES

506250 - Anchoring fixing bolt kit
INCLUDED

503999 - water collecting kit diam. 9" ¾

502410 - ALU extension 1" ¼ L=19"1/2

503160 - scaffold anchoring kit

505355 - quick bit unscrew device 1" ¼
INCLUDED

501852 - spacer H=1.77"
INCLUDED (CARDI 400)

505063 - vacuum base kit

PV 4-S (115V) - electrical vacuum pump

505812 - water pump - 10 liters

CARDI 500 - CARDI 501

CARDI 500
25 A - 4 speed
drilling up to Ø 20"

CARDI 501
25 A - 4 speed
drilling up to Ø 20"

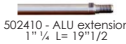
TECHNICAL SPECIFICATIONS			CARDI 500	CARDI 501
CORE DRILL MOTOR MODEL			T9 475-EL	T9 475-EL
CORE DRILL STAND MODEL			C 520	C 600
CURRENT (110-120 V - 50/60 Hz)		A	25 (MAX 31)	25 (MAX 31)
R.P.M. IDLE / ON LOAD	SPEED I	r.p.m.	260 / 170	260 / 170
	SPEED II	r.p.m.	500 / 330	500 / 330
	SPEED III	r.p.m.	810 / 540	810 / 540
	SPEED IV	r.p.m.	1,360 / 900	1,360 / 900
DRILLING RANGE IN CONCRETE - WET		Ø in	up to 20"	up to 20"
BIT SPINDLE CONNECTION		---	1" ¼ UNC	1" ¼ UNC
WEIGHT		Kg/lb	42 / 92	46 / 101

ACCESSORIES

506250 - Anchoring fixing bolt kit **INCLUDED**

503999 - water collecting kit diam. 9" ¾

505063 - vacuum base kit


502410 - ALU extension 1" ¼ L= 19"1/2

501370 - 1" ¼ ALU extension L=11" ¾

505355 - quick bit unscrew device 1" ¼ **INCLUDED**

501852 - spacer H=1.77" **INCLUDED**

PV 4-S (115V) - electrical vacuum pump

505812 - water pump - 10 liters

503160 - scaffold anchoring kit

USERS

- general contractors, construction businesses
- cutting and coring professionals

APPLICATIONS

- drilling of medium and big diameters
- drilling of considerable length
- drilling in very hard materials and high reinforced concrete

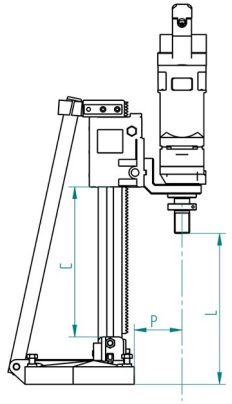
TOTAL PROTECTION SYSTEM BY CARDI - ADVANTAGES

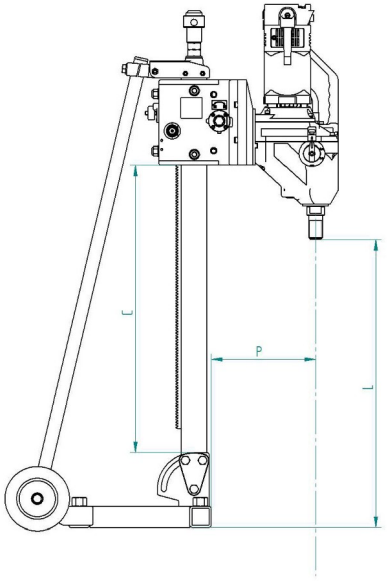
It consists of a combination of different functions, both electronic and mechanical, working in synergy to ensure the highest level of protection for the operator and for the machine:

- **CARDI electronic clutch or electronic load limiter:**
  - protects from overloads and prevents damages to the motor
  - no breakdown during your work and very limited service costs
- **soft start (peaks limiter)**:
  - allows the machine to be plugged into a regular household outlet, avoiding the intervention of the line protection automatic switches
  - avoids peaks of power and hits to the anchoring system when the drilling starts
- **safety mechanical clutch:**
  - protects the operator in case the core bit gets stuck, suddendly stops
  - avoids damages to the gearbox
- **PRCD - GFI**
  - protects in case of electrical malfunctioning and loss of insulation
  - operates in case of live parts coming into contact with water
  - avoids an unintentional restart in the event of drop/loss and coming back of power

FEATURES

- **aluminum-made core drill motor**: heavy duty but light core drill motor
- **quick connection system:** safe and fast coupling/de-coupling of motor/stand
- **tilted drilling:** can be tilted up to 45°
- **CARDIFACILE:** quick bit unscrewing device supplied as standard
- **multipurpose feeding handle** (CARDI 501): suitable to operate on all screws
- **anchoring fixing bolt kit:** accessory supplied as standard, re-usable
- **contrast tie-rod:** device that stabilizes the core drill, guaranteeing higher safety





HELPFUL SIZES

CORE DRILL	SIZES, in			ACCESSORIES SPACERS
	C	L	P	WIDTH, in
CARDI 183	22.72	22.83	4.33	1.18
CARDI 183-K	22.72	22.83*	4.33	1.18
CARDI 184-K	22.72	22.83*	5.51	**1.18** *(supplied as standard)*
CARDI 185	22.72	22.83	4.33	1.18
CARDI 187	22.72	22.83	5.51	**1.18** *(supplied as standard)*
CARDI 189	22.72	22.83	5.51	**1.18** *(supplied as standard)*
CARDI 202-K	9.21	10.20	4.33	1.18

* = without 502305 *(flush drilling device)*

CODE	SPACER DESCRIPTION
506148	H = 1.18 in

CORE DRILL	SIZES, in			ACCESSORIES SPACERS
	C	L	P	WIDTH, in
CARDI 200	22.72	22.32	5.12	20 / 50 *(4 holes)*
CARDI 250	28.35	26.38	6.57	0.79 / 1.77 / 2.36 / 3.15 / 4.33 *(6 holes)*
CARDI 306	25.79	25.2	7.68	0.79 / 1.77 / 2.36 / 3.15 / 4.33 *(6 holes)*
CARDI 400	25.79	24.65	9.45	0.79 / **1.77*** / 2.36 / 3.15 / 4.33 *(6 holes)*
CARDI 500	25.79	23.62	10.67	0.79 / **1.77*** / 2.36 / 3.15 / 4.33 *(6 holes)*
CARDI 501	26.57	25.98	11.18	0.79 / **1.77*** / 2.36 / 3.15 / 4.33 *(6 holes)*
CARDI 205	25.79	24.96	8.90	0.79 / 1.77 / 2.36 / 3.15 / 4.33 *(6 holes)*
CARDI 605	25.79	24.96	12.05	0.79 / 1.77 / 2.36 / **3.15*** / 4.33 *(6 holes)*
CARDI 606	26.57	27.32	12.56	0.79 / 1.77 / 2.36 / **3.15*** / 4.33 *(6 holes)*
CARDI 805	26.57	27.20	12.60	**1.46*** / 4.21
CARDI 1005	26.57	25.91	12.60	**1.46*** / 4.21

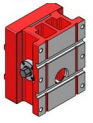
* = supplied as standard

CODE	SPACER DESCRIPTION
502545	H = 0.79" - 4 holes
502296	H = 1.97" - 4 holes

501899	H = 0.79" - 6 holes
501852	H = 1.77" - 6 holes
501654	H = 2.36" - 6 holes
506107	H = 3.15" - 6 holes
501634	H = 4.33" - 6 holes

506106	H = 1.46" CARDI 805 / 1005

506105	H = 4.21" CARDI 805 / 1005



COMPACT CORE DRILL MOTORS

IDEAL FOR CONTRACTORS AND RENTAL MARKET

T1 200-EL

18 A - 3 speed
drilling up to Ø 8"

GFI in line · EL · SOFT START · AVS

compact, lightweight for indoor use on house power

T2 220-EL

20 A - 3 speed
drilling up to Ø 9"

GFI in line · EL · SOFT START · AVS

compact, lightweight, slim design with 20 A motor power

T4 300-EL

25 A - 2 speed
drilling up to Ø 12"

GFI-BOX in line · EL · SOFT START · AVS

two speed powerful drill motor for contractors and rental market

USERS

- general contractors, construction businesses;
- plumbers and heating systems fitters;
- electricians, fitters, installers;
- cutting & coring professionals in need of light weight and compact motors.

APPLICATIONS

- openings in walls and floors for installations (air, water, gas etc);
- holes for fitting and anchoring of guarrails, fences, railings;
- sampling of concrete cores for testing and verification;
- continuous drilling of considerable lenght.

TOTAL PROTECTION SYSTEM BY CARDI - ADVANTAGES

It consists in the combination of four functions, electronic and mechanical, which are able to work in synergy to ensure maximum protection for the operator and for the machine:

- **"CARDI Electronic Clutch" or electronic "load limiter":**
  -protects from overloads and prevents damages to the motor;
  - no break-down during your work and very limited service costs;
- **soft start (peaks limiter)**:
  - allows the machine to be plugged into a regular household outlet avoiding the intervention of the line protection automatic switches;
  - avoids tears on the anchoring system when starting the drill;
- **safety mechanical clutch:**
  - protects the operator in case of core bit stuck and suddendly stop;
  - avoids damages to the gearbox;
- **GFI in line** or **GFI-BOX in line** mounted as standard:
  - it protects the operator in case of electrical malfunction and lost of insulation;
  - it operates in the event that live parts come in contact with water;
- **"voltage drop" motor stop system :**
  - avoids unintentional restart in the event of drop/loss and coming back of the power;

TECHNICAL SPECIFICATIONS			T1 200-EL	T2 220-EL	T4 300-EL
CURRENT (110-120 V - 50/60 Hz)		A	18 (MAX 22)	20 (MAX 25)	25 (MAX 31)
R.P.M. IDLE / ON LOAD	GEAR 1°	r.p.m.	560 / 410	490 / 330	440 / 290
	GEAR 2°	r.p.m.	1,340 / 990	830 / 560	1,030 / 680
	GEAR 3°	r.p.m.	1,850 / 1,380	1,150 / 780	-------
DRILLING RANGE IN CONCRETE - WET		Ø	1"¼ - 8"	1"¼ - 9"	2" - 12"
BIT SPINDLE CONNECTION		---	1" ¼ UNC + 5/8"	1"1/4 UNC	1"1/4 UNC
WEIGHT		Kg/lb	7.3 / 16	9.5 / 21	12.5 / 28

PROFESSIONAL CORE DRILL MOTORS

FOR THE PROFESSIONALS' DAILY USE

T6 375-EL

25 A - 3 speed
drilling up to Ø 16"

GFI-BOX in line · EL · SOFT START · AVS

professional drill motor for daily use

T9 475-EL

25 A - 4 speed
drilling up to Ø 20"

GFI-BOX in line · EL · SOFT START · AVS

the most sold 4 speed motor, high torque for the professionals

VORTEX 625-EL

25 A - 6 speed
drilling up to Ø 24"

GFI-BOX in line · EL · SOFT START · AVS

the only 6 speed motor on the market largest rpm range for every professional's task

TECHNICAL SPECIFICATIONS			T6 375-EL	T9 475-EL	VORTEX 625
CURRENT (110-120 V - 50/60 Hz)		A	25 (MAX 31)	25 (MAX 31)	25 (MAX 31)
R.P.M. IDLE / ON LOAD	GEAR 1°	r.p.m.	310 / 200	260 / 170	210 / 140
	GEAR 2°	r.p.m.	700 / 460	500 / 330	340 / 220
	GEAR 3°	r.p.m.	1,300 / 860	810 / 540	480 / 320
	GEAR 4°	r.p.m.	-------	1,360 / 900	730 / 480
	GEAR 5°	r.p.m.	-------	-------	1,190 / 780
	GEAR 6°	r.p.m.	-------	-------	1,670 / 1,100
DRILLING RANGE IN CONCRETE - WET		Ø	1"¼ - 16"	¾" - 20"	1" - 24"
BIT SPINDLE CONNECTION		---	1"1/4 UNC	1"1/4 UNC	1"1/4 UNC
WEIGHT		Kg/lb	12.5 / 28	14.0 / 31	18.5 / 41

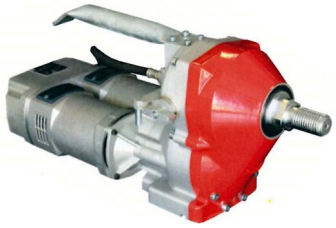
TWIN MOTOR CORE DRILLS

HEAVY DUTY

BM 805

50 A - 3 speed
drilling up to Ø 32"

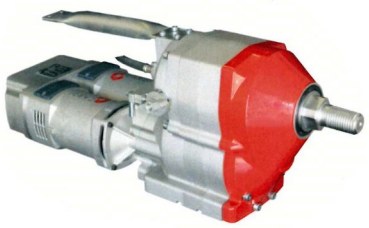
GFI-BOX in line



BM 1005

50 A - 4 speed
drilling up to Ø 40"

GFI-BOX in line



APPLICATIONS

- continuous drilling of high length and core drilling of large diameters;
- consolidation and securing of facilities and buildings;
- large openings for pipes and storm drains;
- sampling for testing and material verification and checks, at very high depth;

FEATURES

- **3 or 4 mechanical gears gearboxes, oil lubricated and oversized:**
  - they allow to provide higher torque and power to the core bit spindle, unlike the "gear-changers" that act electronically on the motor's rpm and which dissipate a large part of its power in the electronic device that controls the rpm reduction.

TOTAL PROTECTION SYSTEM BY CARDI - ADVANTAGES

It consists in the combination of most functions, electronic and mechanical, which are able to work in synergy to ensure maximum protection for the operator and for the machine.
The main integrated functions are:

- **"CARDI Electronic Clutch" :**
  - protects from overloads and prevents damages to the motor;
  - no break-down during your work and very limited service costs;
- **soft start (peaks limiter):**
  - at the motor start-up avoids peaks of power and hits to the fastening system and to the motor itself;
- **multidiscs mechanical clutch:**
  - engineered to support an intensive and heavy use;
  - it requires minimal maintenance thanks to its interaction in synergy with the "CARDI Electronic Clutch";
- **GFI-BOX (Ground Fault Interrupter):**
  - it protects the operator in case of electrical malfunction and lost of electrical insulation;
  - it operates in the unlucky event that live parts come into contact with water;
- **"voltage drop" motor stop system :**
  - avoids unintentional restart in the event of drop/loss and coming back of the power;

TECHNICAL SPECIFICATIONS			BM 805	BM 1005
CURRENT (110-120 V - 50/60 Hz)		A	50 (MAX 62)	50 (MAX 62)
R.P.M. IDLE / ON LOAD	GEAR 1°	r.p.m.	110 / 70	80 / 50
	GEAR 2°	r.p.m.	240 / 160	120 / 80
	GEAR 3°	r.p.m.	400 / 260	200 / 130
	GEAR 4°	r.p.m.	-------	290 / 190
DRILLING RANGE IN CONCRETE - WET		Ø	4" - 32"	6" - 40"
BIT SPINDLE CONNECTION		---	1"1/4 UNC	1"1/4 UNC
WEIGHT		Kg/lb	28 / 62	39 / 86

CORE DRILL STANDS

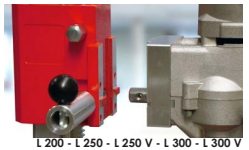
L 180

- alu compact anchor base
- extruded aluminum 2 x 2" ca.
- 45° tilting
- 60 mm collar connection
- max carriage run 22"¾
- core drill up to 8"
- weight 11 kg / 25 lb

SUGGESTED CORE DRILLS

- all the hand held core drills

L 180
Motor mount 60 mm collar



L 200 - L 250 - L 250 V - L 300 - L 300 V
Rapid-Lock motor mounting system

L 200

- alu compact anchor base
- extruded aluminum 2 x 2" ca.
- 45° tilting
- rapid-lock quick connection
- max carriage run 22"¾
- core drill up to 9"
- weight 11.6 kg / 26 lb

SUGGESTED CORE DRILL MOTORS

- T1 200-EL drilling up to 8" (w/o spacer)
- T2 200-EL drilling up to 9" (w/o spacer)

L 180 - L 200
Extruded Alu column 50x50 mm
Alu compact anchor base

L 180 - L 200 - L 250 - L 250 V - L 300 - L 300 V
Core bit stabilizer

L 250 / L 250 V

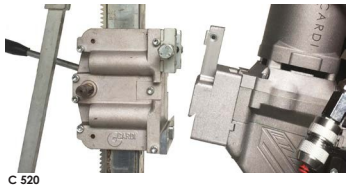
- L 250: alu anchor base
- L 250 V: alu combo base
- extruded aluminum 2 x 2" ca.
- 45° tilting
- rapid-lock quick connection
- max carriage run 28"¼
- core drill up to 10" (max 12")
- L 250: weight 16.3 kg / 36 lb
- L 250 V: weight 19.6 kg / 43 lb

SUGGESTED CORE DRILL MOTORS

- T2 200-EL drilling up to 9" (w/o spacer)
- T4 300-EL drilling up to 12" (w/o spacer)

L 250 - L 300
Aluminum compact anchor base
Wheels included

L 300 - L 300 V - C 520 - C 600 - C 600-1500
Contrast tie-rod to be used with scaffold tube.



C 520
Dove-tail quick connection

C 520 - C 600 - C 600-1500
Heavy duty steel anchor base

C 600 - C 600-1500
CAM-LOCK quick connection motor to drill stand

SPACERS

501852	H = 45 mm
501654	H = 60 mm
506107	H = 80 mm

L 300 / L 300 V

- L 300: alu anchor base
- L 300 V: alu combo base
- steel column 2 x 2" ca.
- 45° tilting
- rapid-lock quick connection
- max carriage run 28"¼
- core drill up to 12"
- L 300: weight 19.3 kg / 43 lb
- L 300 V: weight 22.8 kg / 50 lb

SUGGESTED CORE DRILL MOTORS

- T4 300-EL drilling up to 12" (w/o spacer)

C 520

- heavy duty anchor steel base
- steel column 2 x 2" ca.
- roller carriage
- 45° tilting
- dove-tail quick connection
- max carriage run 25"¾
- core drill up to 20"
- weight 22.5 kg / 50 lb

SUGGESTED CORE DRILL MOTORS

- T6 375-EL drilling up to 16" (spacer 45 mm)
- T9 475-EL drilling up to 20" (spacer 45 mm)

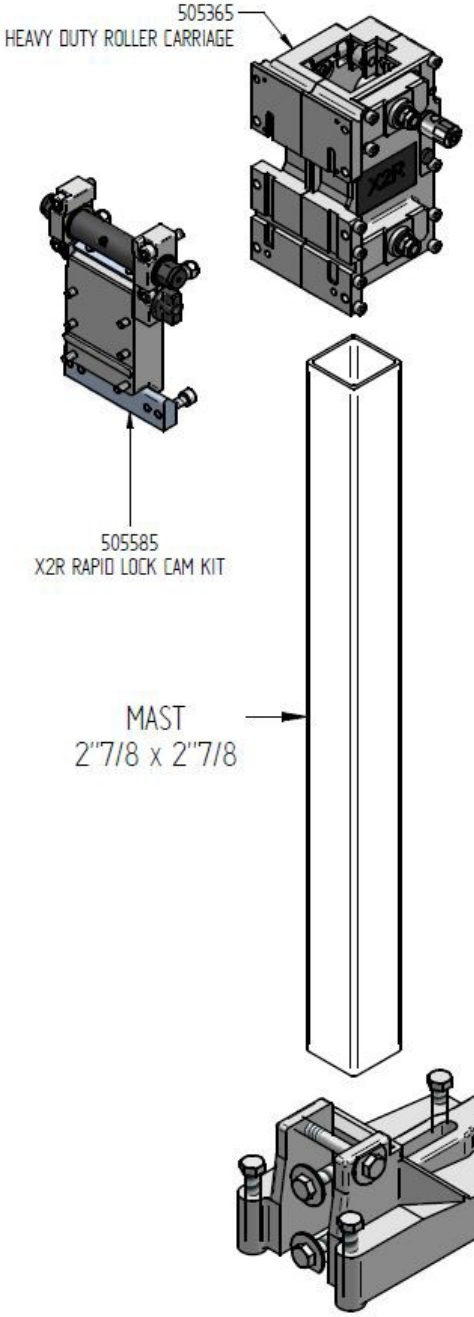
C 600 / C 600-1500

- heavy duty anchor steel base
- steel column 2"½ x 2"½ ca.
- roller carriage
- 45° tilting
- CAM-LOCK quick connection
- C 600: max carriage run 26"½
- C 600-1500: max carriage run 46"¼
- core drill up to 24"
- C 600: weight 34 kg / 75 lb
- C 600-1500: weight 37.5 kg / 83 lb

SUGGESTED CORE DRILL MOTORS

- T9 475-EL drilling up to 20" (spacer 45 mm)
- VORTEX 625 drilling up to 24" (spacer 80 mm)

KIT 506259
X2R ASSEMBLY KIT



EXTRA-LONG COLUMN C 600-1500

Designed to use diamond bits and 40"-long extensions, for very deep drillings

ADVANTAGES

- **high reduction of working time** in case of drilling of high leng and/or continuous drilling
- **reduction of purchasing costs for the diamond core bits** and for the equipments for continuous drilling operations

C 600-1500	
SUITABLE FOR	ALL CARDI MOTORS

SEMI-AUTOMATIC FEEDING SYSTEM

230V AVAILABLE ONLY

The CARDI feeding-system powers the movement of the carriage on the column (mast), eliminating the operator's physical effort and fatigue; the system is controlled by a remote control panel that allows the selection of the right speed for the application

ADVANTAGES

- allows to work in total safety, because the operator is away from the drilling / cutting area, avoiding splashes of slurry and water
- allows the operator to avoid uncomfortable and tiring postures
- ensures a lower diamond wearing, which results in a longer life and optimization of the diamond tools
- enables faster drilling
- is compatible with all the CARDI professional drill stands and with the DA VINCI system

	SERVO 520	DA VINCI SERVO
SUITABLE FOR	C 520	C 600, C 600-1500, DA VINCI SYSTEM
SPECIFICATIONS	BRUSHLESS MOTOR 24V- 150 W - CONTROL PANEL - REMOTE CONTROL	
MAX THRUST (FORCE)	600 Kg	

230 V AVAILABLE. 110-120 V NOT AVAILABLE

ACCESSORIES FOR CORE DRILLS

SCAFFOLD FIXING

WALL CLAMP FIXING

FLUSH TO THE WALL DRILLING (OR FLOOR) AND INTO THE CORNERS

CORE BIT EXTENSIONS 1" ¼ - ALUMINUM

CODE	USABLE LENGTH
501369	7" ¾
501370	11" ¾
502410	19" ¾

CORE BIT EXTENSIONS 1/2G - ALUMINUM

CODE	USABLE LENGTH
501376	7" ¾
501377	11" ¾
502423	19" ¾

CORE BIT EXTENSIONS M16 - STEEL

CODE	USABLE LENGTH
503134	11" ¾

CARDIFACILE - QUICK BIT UNSCREW DEVICE 1" ¼

CODE	COMPATIBILITY
506102	HAND-HELD CORE DRILLS
505355	ALL CARDI CORE DRILLS

BRASS RING FOR 1" ¼ CORE BITS
HIGH TICKNESS (4 mm / 0.16") AND LONG LIFE

CODE	COMPATIBILITY
501818	CORE DRILLS WITH 1"¼ SPINDLE

AXIAL GUIDE DEVICE FOR HAND-HELD DRILLING
FOR 1" ¼ CORE BITS

CODE	CORE DRILL SPINDLE
504840	1" ¼ + 1/2G
504841	1" ¼ + HOLE Ø 19mm

How to use the axial guide device:
- drill a hole into the material with a standard drill
- assemble the device on the machine
- use the hole to guide the core drilling

CORE BIT ADAPTERS

CODE	DESCRIPTION
503292	M18 (f) - 5/8 11 UNF (m)
503037	M18(f)-M16(m) hole diam. 8
503148	M18(f)-M16(m) hole diam. 10
501760	1/2G (m) - M16 (m)
501596	1/2G (m) - 5/8 16 UNF (m)
502741	1/2G (m) - 5/8 11 UNF (m)
501365	1/2G (m) - 1" ¼ UNC (m)
501367	1" ¼ UNC (f) - 1/2G (f)
506135	quick adaptor M16 for SDS PLUS bit
506134	SDS PLUS bit Ø12 L=260 mm

DUST EXTRACTION CHUCKS

CODE	DESCRIPTION
505560	1" ¼ (f) - 1" ¼ (m)
505561	M18 (f) - 1" ¼ (m)

DPT H COMPACT DUST EXTRACTOR 110-120 V

CODE	DESCRIPTION
DPT H COMPACT	DOUBLE MOTORS - H / HEPA CLASS DUST EXTRACTOR

- Power: **2.7 HP / 2.0 kW / 19 A** - double motors
- Max air flow: **211.9 cfm**
- **2 filters**: H / HEPA + M
- Filtration class: **H14/HEPA (99.995% D.O.P.) + M/PTFE**
- Filter surfaces: H/HEPA filter **1,728 in²**, M filter **930 in²**
- Other: **PTFE bag for dust collection, filter clogging warning light**
- Dimensions: 15" x 15" x 31"½
- Material, weight: **100% steel, 49 lb**
- Included accessories: hoses, floor cleaning acc.

VACUUM FIXING
FOR DRILLING MAX DIAMETER 9" ¾

CODE	DIMENSION
505066	VACUUM BASE KIT 10" x 10" (force ~300 kg)
505063	VACUUM BASE KIT 12" x 13" (force ~500 kg)

CODE	DESCRIPTION
PV 4-S (115V)	VACUUM PUMP WITH SAFETY TANK

MOTOR MOUNT PLATES

CODE	DESCRIPTION
505035	PLATE WITH COLLAR FOR HAND-HELD CORE DRILLS: DRILL STANDS L 160 - L 180
505036	PLATE WITH COLLAR FOR HAND-HELD CORE DRILLS: DRILL STANDS L 200-L 250-L 300
505040	4 HOLES MOTOR MOUNT PLATE FOR DRILL STAND: L 200
505039	6 HOLES MOTOR MOUNT PLATE FOR DRILL STANDS: L 250 - L 300
504870	6 HOLES MOTOR MOUNT PLATE FOR DRILL STAND: C 520
505936	6 HOLES MOTOR MOUNT PLATE FOR DRILL STANDS: C 600 - C 600-1500
505937	MOTOR MOUNT PLATE FOR CORE DRILL MODELS: CARDI 805 - CARDI 1005

SPACERS

CODE	DESCRIPTION
502545	H = 0.79" - 4 holes
502296	H = 1.97" - 4 holes
506148	H = 1.18" (L 160 - L 180)
506132	H = 1.18" + collar 60 mm (L 200 - L 250 - L 300)
501899	H = 0.79" - 6 holes
501852	H = 1.77" - 6 holes
501654	H = 2.36" - 6 holes
506107	H = 3.15" - 6 holes
501634	H = 4.33" - 6 holes
506106	H = 1.46" CARDI 805 / 1005
506105	H = 4.21" CARDI 805 / 1005

ANCHOR FIXING

CODE	DESCRIPTION
506260	WING FAS NUT
506250	PRO FAS NUT

PORTABLE WATER PUMP WITH 10 LITERS TANK

CODE **505812**

WATER COLLECTION KITS FOR CORE BITS MAX DIAMETER 5" ¾ AND 9" ¾

CODE	DRILL STAND MODELS	Ø
505062	L 160 - L 180 - L 200 - L 250 - L 300	9" ¾
503999	C 520 - C 600 - C 600-1500	9" ¾
501712	(spare rubber disc)	9" ¾
505061	L 160 - L 180 - L 200 - L 250 - L 300	5" ¾
501111	(spare rubber disc)	5" ¾

WALL CLAMP FIXING DEVICE

CODE **503183**

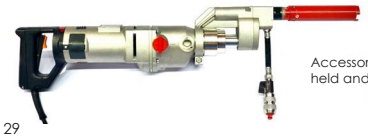
COMMON SPARE PARTS/ACCESSORIES

CODE	DESCRIPTION
504568	WATER HOSE KIT FOR CORE DRILLS
500101	ACQUA-STOP WATER HOSE CONNECTOR
506050	WATER INLET AND VALVE FOR -ME CORE DRILLS
504207	DUST EXTRACTOR CONNECTOR
502143	AUXILIARY HANDLE FOR HAND-HELD CORE DRILLS

ACCESSORY TO DRILL FLUSH TO THE WALL (OR FLOOR) AND INTO THE CORNERS

CODE **502305**

- compatible with all the CARDI hand-held core drills and with the drill motor T1 200-EL
- to be used with 1/2 G core bit
- flush drilling minimum diameter 1" ½
- core bit maximum diameter 3" ¼



Accessory usable for both hand-held and on-stand drilling

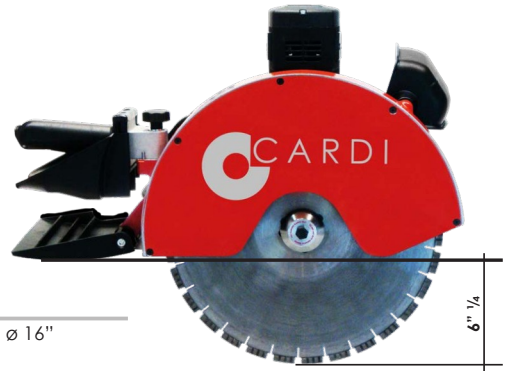
SCAFFOLD FIXING ACCESSORIES

CODE	DRILL STAND MODEL
505064	L160 - L180 - L200 - L250 - L300
503160	C 520 - C 600 - C 600-1500

ELECTRIC HAND-HELD BLADE SAWS

PE 400
PE 401
TP 400
TP 400-FC
PE 350
PIRANHA 125

PE 400 ELECTRIC BLADE SAW
WET CUTTING ALSO FLUSH



PE 400-BL
25 A - blade ø 16"
Wet cutting

PE 401 ELECTRIC BLADE SAW
DRY CUTTING WITH DUST EXTRACTION
WET CUTTING ALSO FLUSH

DUST FREE
EXTRACTION SYSTEM INTEGRATED

PE 401-BL
25 A - blade ø 16"
Dust Extraction included

TECHNICAL SPECIFICATIONS		PE 400-BL	PE 401-BL
CURRENT (110-120 V - 50/60 Hz)	A	25 (MAX 31)	
R.P.M. IDLE / ON LOAD	r.p.m.	2,540 / 1,670	
BLADE DIAMETER		16"	
BLADE ARBOR (diam.) / SUITABLE BLADE HOLE		1"	
MAXIMUM CUTTING DEPTH		6"¼ *(5"¼ with dust extraction)*	
FLANGE FOR FLUSH CUTTING IN WET		supplied as standard	
DUST EXTRACTION ACCESSORY (506152)		optional	supplied as standard
WEIGHT (without blade)	Kg/lb	13.0 / 29	14.5 / 32

DIAMOND BLADES	
DDT 400-SX	CARDI SPECIAL DIAMOND BLADE - *WET CUTTING and FLUSH CUTTING*
DDT 400	CARDI SPECIAL DIAMOND BLADE - *WET CUTTING and DRY CUTTING*

USERS
- general contractors, construction businesses, fitters
- cutting and coring professionals

APPLICATIONS
- door and window openings
- wall and floor cutting on masonry, concrete and reinforced concrete
- skylights installation
- concrete pipes cutting
- floor grooves and joints
- pavement slabs cutting

TOTAL PROTECTION SYSTEM BY CARDI - ADVANTAGES
It consists of a combination of different functions, both electronic and mechanical, working in synergy to ensure the highest level of protection for the operator and for the machine:

- **CARDI electronic clutch or electronic load limiter:**
  - protects from overloads and prevents damages to the motor
  - no breakdown during your work and very limited service costs
- **soft start (peaks limiter)**:
  - allows the machine to be plugged into a regular household outlet, avoiding the intervention of the line protection automatic switches
  - avoids peaks of power and tears on the arms when the cutting starts
- **PRCD - GFI** on the electrical cable:
  - protects in case of electrical malfunctioning and loss of insulation
  - operates in case of live parts coming into contact with water
  - avoids an unintentional restart in the event of drop/loss and coming back of power

DIAMOND BLADE DDT 400-SX
Supplied with the machine for wet cutting, it provides:
- higher penetration and cutting speed, with lower effort for the operator, thanks to thinner diamond segments than those found on the market
- reduced weight due to very thin but highly-resistant carbon steel core
- the possibility to cut flush to wall or floor

506152 - dust extraction accessory (PE 400)

DPT H COMPACT dust extractor

ADVANTAGES
- **the most powerful** on the market:
  - 25 A electrical motor at 110-120 V (31 A max)
- **great cutting depth:**
  - up to 6" ¼
- **for heavy-duty and professional use:** aluminum alloy to ensure high resistance and plastic, where necessary, to protect electrical parts
- **the innovative water injection system**, delivered through the center of the blade shaft and centrifuged to ensure:
  - **effective dust suppression system**, to further protect the operator's health
  - **lower consumption of water**, to minimize slurry in the working area
  - **uniform cooling of the diamond blade**, to avoid deformations, ensures longer lifetime for the diamonds and requires less cutting pressure from the operator
- **flush cut**: PE 400 can cut flush to the wall and to the floor, using the flush cut flange supplied with the machine and the included diamond blade **DDT 400-SX**
- **dry cutting:** PE 400 allows dry cutting using the dust extraction accessory and a specific blade; the accessory must be connected to a dust extractor, able to filter concrete dust (flush cutting not possible with the dust extraction accessory)
- **closer approach to the floor and the walls**, thanks to the switch-handle which can be rotated by 90°
- **extreme handling and balancing**, thanks to the innovative vertical position of the motor, unique for this kind of machines
- **easy straight cutting**: straight cuts can be performed very easily, using a common wood board
- **combination with DA VINCI system:** the PE 400 model can be mounted on the DA VINCI track system, allowing long linear cuts with no effort and optimizing the diamond blade wearing; Information about DA VINCI system are available in this catalog at pag. 38

CARDI super thin laser-welded diamond blade

Flush floor cutting

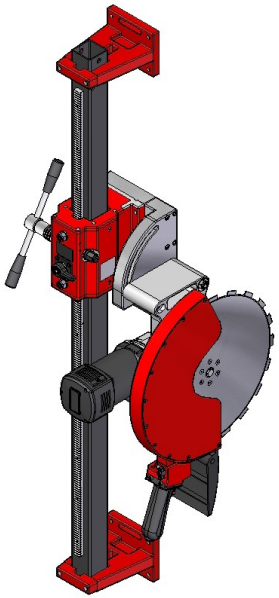
Wet cutting in reinforced concrete

Dry cutting in concrete blocks wall

Dry cutting in reinforced concrete

PE 400 ON DA VINCI SYSTEM

Making a vertical opening on a concrete wall


PE 400 mounted on DA VINCI SYSTEM

for diamond blades, see pag. 44

PE 350

ELECTRIC BLADE SAW
WET CUTTING

PE 350

20 A - blade ø 14"
cutting depth 5" ½

TECHNICAL SPECIFICATIONS		PE 350-BL
CURRENT (110-120 V - 50/60 Hz)	A	20 (MAX 25)
R.P.M. IDLE / ON LOAD	r.p.m.	3,040 / 2,260
BLADE DIAMETER		14"
MAXIMUM CUTTING DEPTH		5" ½
BLADE ARBOR (diam.) / SUITABLE BLADE HOLE		1"
WEIGHT (without blade)	Kg/lb	11.5 / 26

DIAMOND BLADE	
DDT 350-SX	SPECIAL CARDI DIAMOND BLADE - *WET CUTTING*

Cutting Depth regulation

90° rotatable handle

Self-supporting guide rollers

USERS

- general contractors, construction businesses, fitters
- cutting and coring professionals

APPLICATIONS

- door and window openings
- wall and floor cutting on masonry, concrete and reinforced concrete
- skylights installation
- concrete pipes cutting
- floor grooves and joints
- pavement slabs cutting

TOTAL PROTECTION SYSTEM BY CARDI - ADVANTAGES

It consists of a combination of different functions, both electronic and mechanical, working in synergy to ensure the highest level of protection for the operator and for the machine:

- **CARDI electronic clutch or electronic load limiter:**
  - protects from overloads and prevents damages to the motor
  - no breakdown during your work and very limited service costs
- **soft start (peaks limiter)**:
  - allows the machine to be plugged into a regular household outlet, avoiding the intervention of the line protection automatic switches
  - avoids peaks of power and tears on the arms when the cutting starts
- **PRCD - GFI** on the electrical cable:
  - protects in case of electrical malfunctioning and loss of insulation
  - operates in case of live parts coming into contact with water
  - avoids an unintentional restart in the event of drop/loss and coming back of power

DIAMOND BLADES
DDT 350-SX, DDT 400-SX

Supplied with the machine for wet cutting, it provides:

- higher penetration and cutting speed, with lower effort for the operator, thanks to thinner diamond segments than those found on the market
- reduced weight due to very thin but highly-resistant carbon steel core
- the possibility to perform flush cutting, by using a DDT 400-SX blade mounted on the TP 400-FC

for diamond blades, see pag. 44

ADVANTAGES

- **high power:**
  - 20 A electric motor at 110-120 V (25 A max)
- **great cutting depth:**
  - TP400 / TP400-FC: up to 6" ¼
  - PE 350: up to 5" ½
- **the innovative water injection system**, delivered through the center of the blade shaft and centrifuged to ensure:
  - **effective dust suppression system**, to further protect the operator's health
  - **lower consumption of water**, to minimize slurry in the working area
  - **uniform cooling of the diamond blade**, to avoid deformations, ensures longer lifetime for the diamonds and requires less cutting pressure from the operator
- **flush cut**: TP 400-FC can cut flush to the wall and to the floor, using the flush cut flange supplied with the machine and the included diamond blade **DDT 400-SX**
- **PE 350: closer approach to the floor and the walls**, thanks to the switch-handle which can be rotated 90°
- **PE 350: extreme handling and balancing,** thanks to the innovative vertical position of the motor, unique for this kind of machines
- **easy straight cutting:** straight cuts can be performed very easily, using a common wood board

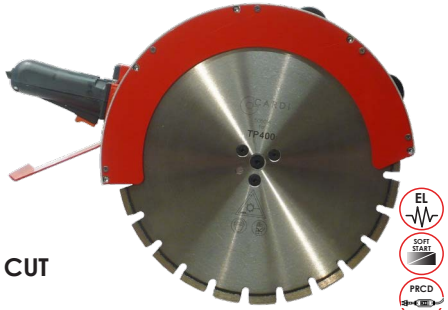
for diamond blades, see pag. 44

TP 400

ELECTRIC BLADE SAW
WET CUTTING

TP400-FC

ELECTRIC BLADE SAW
WET CUTTING



FLUSH CUT

TECHNICAL SPECIFICATIONS		TP 400-BL	TP 400-FC-BL
CURRENT (110-120 V - 50/60 Hz)	A	20 (MAX 23.5)	
R.P.M. IDLE / ON LOAD	r.p.m.	2,450 / 1,930	
BLADE DIAMETER		16"	
MAXIMUM CUTTING DEPTH		6" ¼	
BLADE ARBOR (diam.) / SUITABLE BLADE HOLE		1"	
FLUSH CUT		----	POSSIBLE
WEIGHT (without blade)	Kg/lb	13.0 / 29	12.5 / 28

DIAMOND BLADES and ACCESSORIES	
DDT 400-SX	CARDI SPECIAL DIAMOND BLADE - *WET CUTTING and FLUSH CUTTING*
504954	FLUSH CUT ACCESSORY (it transforms TP 400 in TP 400-FC)

PIRANHA 125-SX

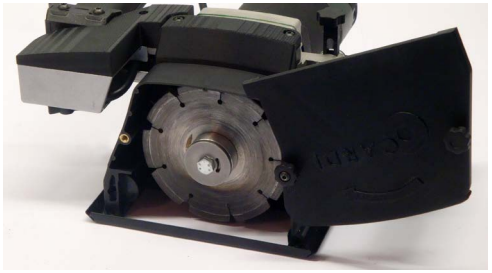
WALL CHASER - DRY CUTTING
WITH DUST EXTRACTION SYSTEM

TECHNICAL SPECIFICATIONS		PH 125-SX
CURRENT (110-120 V - 50/60 Hz)	A	15 (MAX 18)
R.P.M. IDLE / ON LOAD	r.p.m.	8,270 / 6,530
DIAMOND BLADE (quantity and diameter)		2 X 5" (125 mm)
GROOVE MAXIMUM WIDTH	in	1" ⅝
GROOVE MAXIMUM DEPTH	in	1" ½
BLADE ARBOR (diam.) / SUITABLE BLADE HOLE	in	⅞"
WEIGHT (without blades)	Kg/lb	4.6 / 10

Plastic case

DPT H COMPACT
dust extractor

Vacuum cleaner connection



Blades cover detail

FEATURES

The CARDI wall chaser PIRANHA 125-SX is designed to make grooves in concrete, masonry, brick or any other similar building material

You can work in dry conditions, safely and with little effort

Its powerful electric motor provides enough power to work even in reinforced concrete

The built-in dust extraction system enables dust-free cutting. It is compatible with common dust extractors

PH 125-SX is an ideal tool for:

- plumbers
- electricians
- fitters (e.g., installers of telephone and internet lines)

TOTAL PROTECTION SYSTEM BY CARDI - ADVANTAGES

It consists of a combination of different functions, both electronic and mechanical, working in synergy to ensure the highest level of protection for the operator and for the machine:

- **CARDI electronic clutch or electronic load limiter:**
  - protects from overloads and prevents damages to the motor
  - no breakdown during your work and very limited service costs
- **soft start (peaks limiter)**:
  - allows the machine to be plugged into a regular household outlet, avoiding the intervention of the line protection automatic switches
  - avoids peaks of power and tears on the arms when the cutting starts

for diamond blades, see pag. 44

DIAMOND CHAINSAWS

COCCODRILLO35

ALLIGATORE18

ALLIGATORE22

DA VINCI SYSTEM

DV CD35-1500

DV AL22-1500

DV PE400-1500

DV SD-1500

CD35.35

ELECTRIC DIAMOND CHAINSAW
WET CUTTING OF CONCRETE AND MASONRY

TECHNICAL SPECIFICATIONS		CD35.35
CURRENT (110-120 V - 50/60 Hz)	A	25 (MAX 31)
R.P.M. IDLE / ON LOAD	r.p.m.	8,300 / 5,480
CUTTING DEPTH		16"
PROTECTION AND SAFETY SYSTEMS		TOTAL PROTECTION SYSTEM BY CARDI
CHAIN LUBRICATION AND DIAMOND COOLING FLUID		WATER
WEIGHT BAR and CHAIN INCLUDED	Kg/lb	9.0 / 20

BAR35: SPARE GUIDE BAR
CHAIN35: SPARE DIAMOND CHAIN
505399: 8-SEGMENT DRIVE SPROCKET

COCCODRILLO35

The COCCODRILLO35 is the first chainsaw powered by a single-phase electrical motor, able to cut, in wet conditions, concrete, stone, masonry, bricks and other building materials in general

It was developed to meet a specific need of the general contractors: having a versatile power-tool to perform cutting of openings, widening of doors and windows, cutting of blocks, cutting of curbs etc.

The diamond chainsaw can be used hand-held or can be mounted on the DA VINCI linear cutting system, to obtain straight and precise cuttings with limited effort

You can find the DA VINCI system in this catalogue on page 37

TOTAL PROTECTION SYSTEM BY CARDI - ADVANTAGES

It consists of a combination of different functions, both electronic and mechanical, working in synergy to ensure the highest level of protection for the operator and machine:

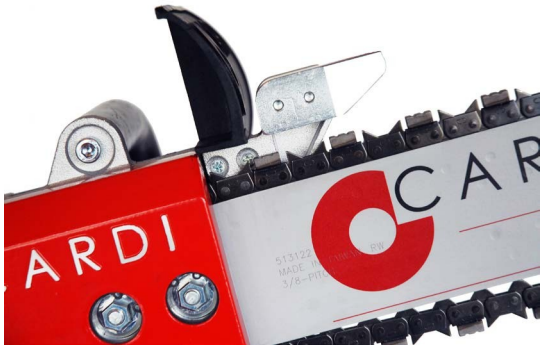
- **CARDI electronic clutch or electronic load limiter:**
  - protects from overloads and prevents damages to the motor
  - no breakdown during your work and very limited service costs
- **soft start (peaks limiter)**:
  - allows the machine to be plugged into a regular household outlet, avoiding the intervention of the line protection automatic switches
  - avoids peaks of power and tears on the arms when the cutting starts
- **PRCD - GFI** on the electrical cable:
  - protects in case of electrical malfunctioning and loss of insulation
  - operates in case of live parts coming into contact with water
  - avoids an unintentional restart in the event of drop/loss and coming back of power

ADVANTAGES

Why choose CARDI electric concrete chainsaw?

- **it is suitable for any working environment**, particularly indoors, because it does not produce exhaust fumes
- **it is safer and cleaner** than gas or hydraulic saws: it does not require any gasoline or oil
- **it is light and easy to handle**, weighting only 9 kg (20 lb), including bar and chain: no extra weight to be addesd, as hydraulic power units, fuel tanks, etc.
- **it can be used on a simple household socket** with in-house civil electrical lines: the power available from the net is sufficient
- **it cuts up to 16" deep**
- **it needs limited maintenance**
- **it has no issues in restarting after long stops**, as opposed to gas-powered machines
- **it has a strong and powerful electric motor**, suitable for common cutting tasks
- **it is cheaper and has lower operating cost** than comparable gas, hydraulic and pneumatic saws
- **it allows to work in tiny spaces**, where other machines cannot access to
- **it allows to do corner cuts**, eliminating the wasteful overcuts that unavoidable when using blade saws
- **it allows to complete works on your own,** which used to need professional cutting companies
- **it has an innovative and functional design,** with a perfect distribution of weight

For all these reasons, COCCODRILLO35 is the easy-to-use machine that makes you save costs, time and effort.



AL18.43

ELECTRIC CHAINSAW - DRY CUTTING OF BLOCKS

230 V AVAILABLE ONLY

ANTI STRETCH SYSTEM

TECHNICAL SPECIFICATIONS		AL18.43
POWER (230 V)	W	2,000 (MAX 2,550)
R.P.M. IDLE / ON LOAD	r.p.m.	2,580 / 1,760
BAR and HARD METAL CHAIN		lenght 43 cm / 17"
PROTECTION AND SAFETY SYSTEMS		SAFETY BRAKE + TOTAL PROTECTION SYSTEM BY CARDI
CHAIN LUBRICATION FLUID		CHAINSAW OIL
CHAIN ANTI STRETCH SYSTEM		EQUIPPED
WEIGHT BAR and CHAIN INCLUDED	Kg/lb	10 / 22

cod. BAR43: GUIDE BAR
cod. CHAIN43: HARD METAL CHAIN
505290: 7-SEGMENT DRIVE SPROCKET

AL22.43 / AL22.53

ELECTRIC CHAINSAW - DRY CUTTING OF BLOCKS

230 V AVAILABLE ONLY

ANTI STRETCH SYSTEM

TECHNICAL SPECIFICATIONS		AL22.43	AL22.53
POWER (230 V)	W	2,200 (MAX 2,600)	
R.P.M. IDLE / ON LOAD	r.p.m.	2,520 / 1,800	
BAR and HARD METAL CHAIN		lenght 43 cm / 17"	lenght 53 cm / 21"
PROTECTION AND SAFETY SYSTEMS		SAFETY BRAKE + TOTAL PROTECTION SYSTEM BY CARDI	
CHAIN LUBRICATION FLUID		CHAINSAW CHAIN OIL	
CHAIN ANTI STRETCH SYSTEM		EQUIPPED	
WEIGHT BAR and CHAIN INCLUDED	Kg/lb	10.5 / 23.1	10.7 / 23.6

GUIDE BAR	cod. BAR43 - 17"	cod. BAR53 - 21"
HARD METAL CHAIN	cod. CHAIN43 - 17"	cod. CHAIN53 - 21"
7-SEGMENT DRIVE SPROCKET	505290	

ALLIGATORE

The electric chainsaw ALLIGATORE is a machine designed for dry cutting with an hard metal chain (Widia). It is the perfect chainsaw to cut bricks and light constructiong materials during the building phase

Fast, precise, lightweight and easy-to-use, the Alligatore is an essential tool for the construction site

The ALLIGATORE can be used, combined with the DA VINCI system, to obtain linear and precise cuts with no effort

You can find the DA VINCI system in this catalogue on page 37

ADVANTAGES

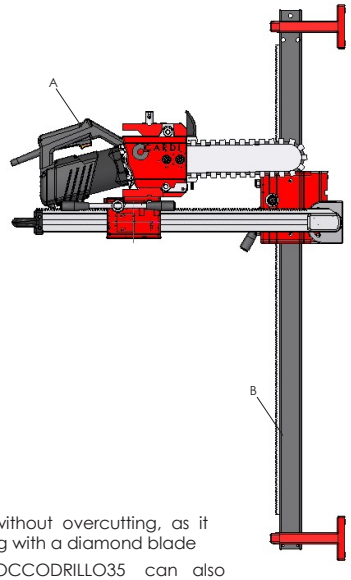
- **It allows to make cuts directly in the working area where the wall is being built**, avoiding to move the blocks to the table saw
- **It allows to cut blocks** of significant size
- **It is suitable to cut** blocks and bricks made of: clay, poroton, tuff, aerated clay, aerated concrete, etc.
- **It is equipped with the CARDI ANTI STRETCH SYSTEM** , developed to minimize the annoying phenomenon of chain stretching, which usually results in significant delays and inconveniences for the operator
- **It is endowed with an oil pump and an oil tank**, needed to ensure optimal chain lubrication and to reduce the friction between bar and chain

TOTAL PROTECTION SYSTEM BY CARDI - ADVANTAGES

It consists of a combination of different functions, both electronic and mechanical, working in synergy to ensure the highest level of protection for the operator and machine:

- **CARDI electronic clutch or electronic load limiter:**
  - protects from overloads and prevents damages to the motor
  - no breakdown during your work and very limited service costs
- **soft start (peaks limiter)**:
  - allows the machine to be plugged into a regular household outlet, avoiding the intervention of the line protection automatic switches
  - avoids peaks of power and tears on the arms when the cutting starts
- **safety chain brake:**
  - immediately stops the rotation of the chain in case of emergency

DV CD35-1500

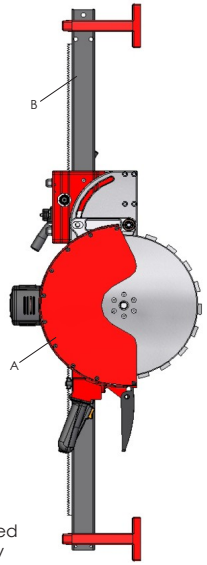


Diamond chain wet cutting system	DV CD35-1500
ELECTRIC DIAMOND CHAINSAW POWERHEAD (A)	CD35.35
MAXIMUM CUTTING DEPTH	16"
MAIN TRACK (B) LENGTH	59"
USABLE CUTTING LENGTH	47"¼
CURRENT (110-120 V - 50/60 Hz)	25 (MAX 31)

The DA VINCI cutting system **DV CD35-1500** allows to:

- cut concrete walls, concrete blocks, stone, bricks, cinder blocks and all the construction materials in general
- perform 16"-deep cuts
- cut walls, floors, window and door openings, enlargement of existing openings, deep niches and wall-saws corner cuts
- realize square cuts without overcutting, as it happens when cutting with a diamond blade
- the powerhead COCCODRILLO35 can also be used hand-held to cut stones, bricks, concrete blocks, etc. or for finishing works. More information are available at page 33

DV PE400-1500

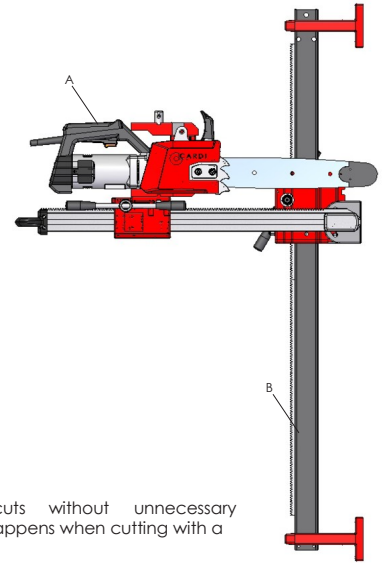


Diamond blade saw wet cutting system	DV PE400-1500
ELECTRIC BLADE SAW POWERHEAD (A)	PE 400-BL
MAXIMUM CUTTING DEPTH	6" ¼
MAIN TRACK (B) LENGTH	59"
USABLE CUTTING LENGTH	47"¼
CURRENT (110-120 V - 50/60 Hz)	25 (MAX 31)

The DA VINCI cutting system **DV PE 400-1500** allows to:

- cut all the construction materials on the market, in particular: concrete, masonry, concrete blocks, stone, reinforced concrete, etc.
- perform 6" ¼-deep cuts
- cut interior walls to create window and door openings and enlargements of exhisting openings
- perform flush cuts
- the powerhead PE 400 can also be used hand-held as a blade saw and cut-off saw for bricks, blocks, concrete and reinforced concrete or for finishing works. More information available at page 27

DV AL22-1500 230 V AVAILABLE ONLY

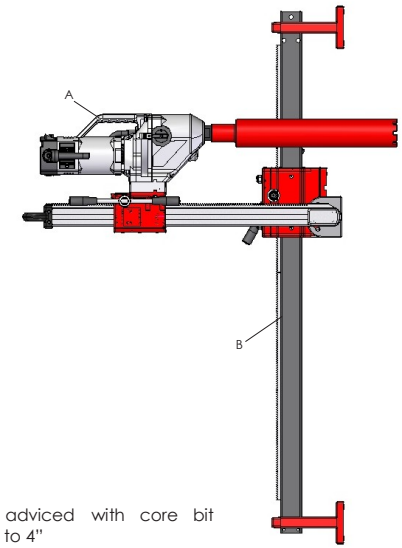


Carbide tipped chain dry cutting system	DV AL22-1500
ELECTRIC CARBIDE DRY CHAINSAW POWERHEAD (A)	AL22.53
MAXIMUM CUTTING DEPTH	53 cm / 21"
MAIN TRACK (B) LENGTH	59"
USABLE CUTTING LENGTH	47"¼
POWER - (230 V - 50/60 Hz)	2,200 (MAX 2,600)

The DA VINCI cutting system **AL 22-1500** allows to:

- cut construction materials as: abrasive materials in general, clay bricks full and hollow, poroton, tuff, gasbeton, limeston, etc.
- perform 21"-deep cuts
- cut interior walls to create window and door openings, enlargements of exhisting openings
- realize square cuts without unnecessary overcuttings, as it happens when cutting with a diamond blade
- the powerhead ALLIGATORE22 can also be used hand-held to cut bricks, blocks, etc. or for finishing works. More information are available at page 35

DV SD



Stitch drilling systems	DV SD-1500 *without drill motor*	DV SD-1501 *drill motor included*	DV SD-1504 *drill motor included*
MAIN TRACK (B) LENGTH	59"		
USABLE CUTTING LENGTH	47"¼		
DRILL MOTOR MODEL (A)	---------	T1 200-EL - *3 speed*	T4 300-EL - *2 speed*
MOTOR CURRENT (110-120 V-50/60 Hz)	-----	18 (MAX 22)	25 (MAX 31)
DRILLING DIAMETER IN CONCRETE	max 6"	max 4"	max 6"

The stitch drilling system **DV SD** allows to:

- obtain openings in the walls by using the stitch drilling tecnique, that is making a series of in-line drills
- drill 1-m-deep drillings by using a standard core bit and a core bit extension
- stitch drilling is adviced with core bit diameters from 3" to 4"

DIAMOND CORE BITS

DV CD35-1500

Finishing of a vertical cut in a reinforced concrete wall, going flush to the floor, with the DV CD35-1500

DV CD35-1500

Flush cutting in a reinforced concrete wall with the DV CD35-1500

DV PE400-1500

Cutting a reinforced concrete wall with the DV PE400-1500

DV CD35-1500

Cutting with the DV CD35-1500 using the semi-automatic feeding system DA VINCI SERVO (available only at 230 V)

DIAMOND PULSE-TECH

CARDI's revolutionary technology:
get unmatched performances in dry and wet drilling

DIAMOND

PULSE-TECH

Advanced hybrid drilling technology with micro-percussion

A revolutionary technology, featuring tens of thousands of micro-percussions per minute, enabling for the first time advanced dry and wet drilling with an unmatched performance

CARDI

A unique and revolutionary technology

DIAMOND PULSE-TECH features breakthrough innovations, developed from scratch, across the entire drilling system

- **DPT anti-vibration technology**
  - reduces vibrations by 50%
  - provides increased safety for the user and allows longer working hours

- **DPT technology with micro-percussion**
  - features a super-fast soft hammering effect – 9-26k hits/min on load
  - enables 2 advanced drilling options with unparalleled performance:
    - advanced dry drilling
    - advanced wet drilling

- **Innovative state-of-the-art core bits, specifically studied for the DPT**
  - are specifically studied to ensure resistance to elevated temperatures and micro-percussion impacts
  - ensures faster drilling times on all materials

The system

All components of the DIAMOND PULSE-TECH system work in synergy to enable advanced hybrid drilling

1. **Advanced hybrid core drill with micro-percussion**
   - allows to choose between 2 advanced drilling options:
     - advanced dry drilling: for a clean and faster drilling, in any environment
     - advanced wet drilling: for a faster drilling
   - features the innovative DPT micro-percussion technology, developed by CARDI, which provides a super-fast soft hammering effect – 9-26k hits/min on load – and maintains the segment sharped, clear from dust and debris, in all materials and conditions
   - is equipped with the reliable, robust and powerful CARDI motors, delivering max power / current up to 3,350 W / 31 A, respectively

2. **Core drill stand (rig)** with **anti-vibration technology**
   - features a new technology, developed by CARDI, that reduces vibrations by 50%, providing increased safety for the user and allowing longer working hours
   - delivers a stable and efficient drilling performance, thanks to the reinforced structural design and materials used in all CARDI stands (rigs), while maintaining a compact size to ease transportability

3. **Advanced dry and wet core bits**
   - feature segments that ensure faster drilling times on all materials, including the toughest reinforced concretes
   - have segments laser-welded on a high-quality steel body, to ensure resistance to elevated temperatures and micro-percussion impacts

- **Industrial dust extractor** - for any dry drilling, cutting, sawing work
  - ensures an efficient removal of dust and debris and provides cooling to the core bit, thanks to the double powerful motors
  - guarantees the safety for the user, thanks to the double and sizeable H/HEPA + M -class filters

The advanced hybrid drilling options

DIAMOND PULSE TECH is the only technology that let you choose between advanced dry and advanced wet drilling

Advanced dry

- DPT technology with micro-percussion
- Air
- Advanced dry core bit

Advanced wet

- DPT technology with micro-percussion
- Water
- Advanced wet core bit

- Use one single core drill
- Get multiple advanced drilling options
- Obtain unparalleled performance

The advantages of advanced dry and wet drilling

DIAMOND PULSE-TECH takes core drilling to new frontiers and delivers an unmatched drilling performance

Advantages of the advanced dry

Work cleanly

- **Drill cleanly**, keep your site spotless: no water / slurry
- **Do not worry about water connection**
- **Work in every environment**: e.g., finished interiors, historical buildings, cold sites, working sites with no water connection

Work faster

- **Avoid site set-up**
  - -No waterproof drilling area
  - -No water connection, no water hose running
- **Drill faster**
  - -Higher drilling speed, on all materials, vs. standard wet drilling
- **Avoid site clean-up**
  - -No need to clean up slurry
  - -No time wasted on slurry disposal

Reduce working time by >40%: great savings and more jobs done

Reduce waste

- **Get less waste**
  - -Get drilling dust; no water / slurry
- **Get a simpler, useful waste**
  - -Get dust, reusable to make concrete
  - -Avoid slurry and its disposal

Avoid damages

- **Avoid risk and costs** of property damages due to water leakages

Advantages of the advanced wet

Work faster

- **Higher drilling speed**, on all materials, vs. standard wet drilling

Reduce drilling time by >40%: great savings and more jobs done

Work as usual

- **Keep on working with water** when / if you prefer, as you are used to, while getting an unmatched drilling performance

- Drill cleanly: drill everywhere and better
- Drill faster: save time and money
- Take on more jobs: grow your business

DPH 2200 ME-16

Advanced hybrid – wet / dry core drill

Technical features	Operational mode	Hand-held or on stand (rig)
	Drilling mode	Advanced hybrid - wet / dry
	Technology	DIAMOND PULSE-TECH with micro-percussion
	Input power - rated (max)	2,050 (max 2,450) W
	Input current - rated (max)	18.0 (max 22.0) A
	Materials	Reinf. concrete, stones, asphalt, masonry, bricks
	Gears	1
	Rated no-load rpm	1,270 min^{-1}
	Rated load rpm	940 min^{-1}
	Load micro-percussions	22,560 min^{-1}
	Core bit connection	1" ¼ UNC
	PRCD / GFI	Included
	Weight	17.4 lb
	Dimensions - L x W x H	22" ½ x 4" x 6" ¾
	Supplied in	Heavy duty plastic case

Diameters	Hand-held / on stand		
	Masonry, bricks	1" ¼ - 8"	1" ¼ - 8"
	Reinforced concrete	1" ¼ - 4"	1" ¼ - 6"
Applications	Installations (HVAC, networks, anchors, chimneys, fences), any round opening		
Professions	Plumber, electrician, installer, stonemason, landscaper, construction co.		

DPH 2200 ME-16-K and CARDI HS 200-K

Advanced hybrid – wet / dry core drilling kits

DPH 2200 ME-16-K

DPH 2200 ME-16
adv. hybrid –
wet / dry core drill

3" ¼ - 82 mm

DPT 082
adv. dry
core bit

3" ¼ - 82 mm

CDU 082
adv. wet
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

CARDI HS 200-K

DPH 2200 ME-16
adv. hybrid –
wet / dry core drill

LDP 200
anti-vibration
core drill stand (rig)

3" ¼ - 82 mm

DPT 082
adv. dry
core bit

3" ¼ - 82 mm

CDU 082
adv. wet
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

506250
Anchoring
fixing bolt kit

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

DP 2200 MA-16

Advanced dry core drill

Advanced dry only

Technical features	Operational mode	Hand-held or on stand (rig)
	Drilling mode	Advanced dry
	Technology	DIAMOND PULSE-TECH with micro-percussion
	Input power - rated (max)	2,050 (max 2,450) W
	Input current - rated (max)	18.0 (max 22.0) A
	Materials	Reinf. concrete, stones, asphalt, masonry, bricks
	Gears	1
	Rated no-load rpm	1,270 min^{-1}
	Rated load rpm	940 min^{-1}
	Load micro-percussions	22,560 min^{-1}
	Core bit connection	1" ¼ UNC
	PRCD / GFI	Not necessary - no water
	Weight	17.2 lb
	Dimensions - L x W x H	22" ½ x 4" x 6" ¾
	Supplied in	Heavy duty plastic case

Diameters	Hand-held / on stand		
	Masonry, bricks	1" ¼ - 8"	1" ¼ - 8"
	Reinforced concrete	1" ¼ - 4"	1" ¼ - 6"

Applications	Installations (HVAC, networks, anchors, chimneys, fences), any round opening
Professions	Plumber, electrician, installer, stonemason, landscaper, construction co.

DP 2200 MA-16-K and CARDI DS 200-K

Advanced dry core drilling kits

DP 2200 MA-16-K

DP 2200 MA-16
adv. dry core drill

3" ¼ - 82 mm

DPT 082
adv. dry
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

CARDI DS 200-K

DP 2200 MA-16
adv. dry core drill

LDP 200
anti-vibration
core drill stand (rig)

2" - 52 mm

DPT 052
adv. dry
core bit

3" ¼ - 82 mm

DPT 082
adv. dry
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

506250
Anchoring
fixing bolt kit

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

DPH 3000 ME-17

Advanced hybrid – wet / dry core drill

Technical features	Operational mode	Hand-held or on stand (rig)
	Drilling mode	Advanced hybrid - wet / dry
	Technology	DIAMOND PULSE-TECH with micro-percussion
	Input power - rated (max)	2,300 (max 2,850) W
	Input current - rated (max)	20.0 (max 25.0) A
	Materials	Reinf. concrete, stones, asphalt, masonry, bricks
	Gears	1
	Rated no-load rpm	1,170 min^{-1}
	Rated load rpm	870 min^{-1}
	Load micro-percussions	20,880 min^{-1}
	Core bit connection	1" ¼ UNC
	PRCD / GFI	Included
	Weight	18.5 lb
	Dimensions - L x W x H	21" ¾ x 4" ½ x 7"
	Supplied in	Heavy duty plastic case

Diameters	Hand-held / on stand		
	Masonry, bricks	1" ¼ - 8"	1" ¼ - 10"
	Reinforced concrete	1" ¼ - 4"	1" ¼ - 8"
Applications	Installations (HVAC, networks, anchors, chimneys, fences), any round opening		
Professions	Plumber, electrician, installer, stonemason, landscaper, construction co.		

DPH 3000 ME-17-K and CARDI HS 250-K

Advanced hybrid – wet / dry core drilling kits

DPH 3000 ME-17-K

DPH 3000 ME-17
adv. hybrid –
wet / dry core drill

4" - 102 mm

DPT 102
adv. dry
core bit

4" - 102 mm

CDU 102
adv. wet
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

CARDI HS 250-K

DPH 3000 ME-17
adv. hybrid –
wet / dry core drill

LDP 200
anti-vibration
core drill stand (rig)

4" - 102 mm

DPT 102
adv. dry
core bit

4" - 102 mm

CDU 102
adv. wet
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

506250
Anchoring
fixing bolt kit

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

DPH 3500 SE

Advanced hybrid – wet / dry core drill motor

Technical features	Operational mode	On stand (rig)
	Drilling mode	Advanced hybrid - wet / dry
	Technology	DIAMOND PULSE-TECH with micro-percussion
	Input power - rated (max)	2,820 (max 3,350) W
	Input current - rated (max)	25.0 (max 31.0) A
	Materials	Reinf. concrete, stones, asphalt, masonry, bricks
	Gears	3
	Rated no-load rpm	590 - 970 - 1,610 min^{-1}
	Rated load rpm	390 - 640 - 1,070 min^{-1}
	Load micro-percussions	9,360 - 15,360 - 25,680 min^{-1}
	Core bit connection	1" ¼ UNC
	PRCD / GFI	Included
	Weight	36.2 lb
	Dimensions - L x W x H	25" ¼ x 6" ¼ x 6" ½
	Supplied in	Carton box
Diameters	On stand	
	Masonry, bricks	1" ¼ - 10"
	Reinforced concrete	1" ¼ - 10"
Applications	Installations (fences, guardrails), building consolidations, any round opening	
Professions	Construction co., professional drilling and cutting co., demolition expert	

DPH 3500 SE-K and CARDI HS 300-K

Advanced hybrid – wet / dry core drilling kits

DPH 3500 SE-K

DPH 3500 SE
adv. hybrid – wet / dry
core drill motor

5" ¼ - 132 mm

DPT 132
adv. dry
core bit

5" ¼ - 132 mm

CDU 132
adv. wet
core bit

505355
CARDIFACILE
device for quick
core-bit unscrewing

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

CARDI HS 300-K

DPH 3500 SE
adv. hybrid – wet / dry
core drill motor

CDP 520
anti-vibration
core drill stand (rig)

4" - 102 mm

DPT 102
adv. dry
core bit

5" ¼ - 132 mm

DPT 132
adv. dry
core bit

5" ¼ - 132 mm

CDU 132
adv. wet
core bit

505355
CARDIFACILE
device for quick
core-bit unscrewing

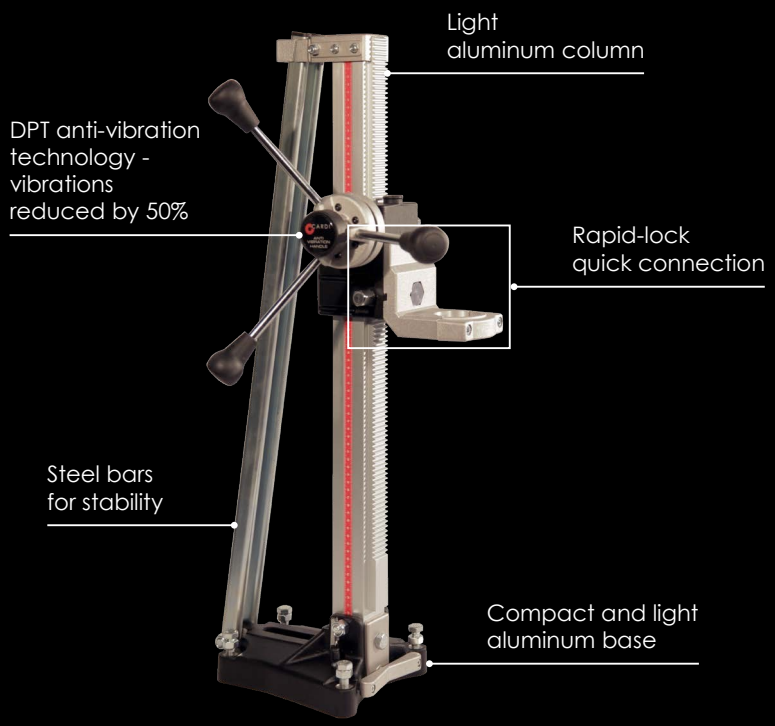
506250
Anchoring
fixing bolt kit

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

LDP 200

Core drill stand (rig) with DPT anti-vibration technology
for DPH 2200 ME-16, DP 2200 MA-16 and DPH 3000 ME-17



Technical features		
	Base	Aluminum - compact and light
	Column	Aluminum - 50 x 50 mm (ca. 2 x 2")
	Carriage	Self-lubricating sliding pads
	Feeding handle	DPT anti-vibration technology
	Max carriage run	22" ¾
	Max drilling diameter	8"
	Rear bars	Steel - 2 bars
	Tilting angle	0° - 45°
	Fixing system	Anchoring
	Core drill mounting	Rapid-lock quick connection
	Weight	29.3 lb
	Dimensions - L x W x H	17" ¼ x 13" x 39" ½

CDP 520

Core drill stand (rig) with DPT anti-vibration technology
for DPH 3500 SE

Technical features		
	Base	Steel - heavy duty
	Column	Steel - 50 x 50 mm (ca. 2 x 2")
	Carriage	Steel rollers and bearings
	Feeding handle	DPT anti-vibration technology
	Max carriage run	25" ½
	Max drilling diameter	20"
	Rear bars	Steel - 2 bars
	Tilting angle	0° - 45°
	Fixing system	Anchoring
	Core drill mounting	Dove-tail quick connection
	Weight	56.0 lb
	Dimensions - L x W x H	21" x 16" ½ x 44" ½

DIAMOND PULSE-TECH

CARDI's revolutionary technology:
get unmatched performances in dry and wet drilling

DIAMOND

PULSE-TECH

Advanced hybrid drilling technology with micro-percussion

A revolutionary technology, featuring tens of thousands of micro-percussions per minute, enabling for the first time advanced dry and wet drilling with an unmatched performa

CARDI

A unique and revolutionary technology

DIAMOND PULSE-TECH features breakthrough innovations, developed from scratch, across the entire drilling system

- **DPT anti-vibration technology**
  - reduces vibrations by 50%
  - provides increased safety for the user and allows longer working hours

- **DPT technology with micro-percussion**
  - features a super-fast soft hammering effect – 9-26k hits/min on load
  - enables 2 advanced drilling options with unparalleled performance:
    - advanced dry drilling
    - advanced wet drilling

- **Innovative state-of-the-art core bits, specifically studied for the DPT**
  - are specifically studied to ensure resistance to elevated temperatures and micro-percussion impacts
  - ensures faster drilling times on all materials

CARDI

The system

All components of the DIAMOND PULSE-TECH work in synergy to enable advanced hybrid

1. **Advanced hybrid core drill with micro-percussion**
   - allows to choose between 2 advanced drilling options:
     - advanced dry drilling: for a clean and faster drilling, in environment
     - advanced wet drilling: for a faster drilling
   - features the innovative DPT micro-percussion technolo developed by CARDI, which provides a super-fast soft hammering effect – 9-26k hits/min on load – and main segment sharped, clear from dust and debris, in all ma and conditions
   - is equipped with the reliable, robust and powerful CAR motors, delivering max power / current up to 3,350 W / respectively

2. **Core drill stand (rig)** with **anti-vibration technology**
   - features a new technology, developed by CARDI, that vibrations by 50%, providing increased safety for the us allowing longer working hours
   - delivers a stable and efficient drilling performance, tha to the reinforced structural design and materials used i CARDI stands (rigs), while maintaining a compact size t transportability

3. **Advanced dry and wet core bits**
   - feature segments that ensure faster drilling times on all materials, including the toughest reinforced concretes
   - have segments laser-welded on a high-quality steel bo to ensure resistance to elevated temperatures and mic percussion impacts

- **Industrial dust extractor** - for any dry drilling, cutting, saw
  - ensures an efficient removal of dust and debris and pro cooling to the core bit, thanks to the double powerful m
  - guarantees the safety for the user, thanks to the doubl sizeable H/HEPA + M -class filters

The advanced hybrid drilling options

DIAMOND PULSE TECH is the only technology that let you choose between advanced dry and advanced wet drilling

Advanced dry	Advanced wet
DPT technology with micro-percussion	DPT technology with micro-percussion
Air	Water
Advanced dry core bit	Advanced wet core bit

- Use one single core drill
- Get multiple advanced drilling options
- Obtain unparalleled performance

The advantages of advanced dry and we

DIAMOND PULSE-TECH takes core drilling to new and delivers an unmatched drilling perfor

Advantages of the advanced dry	Advantages of the advanced wet
Work cleanly • **Drill cleanly**, keep your site spotless: no water / slurry • **Do not worry about water connection** • **Work in every environment**: e.g., finished interiors, historical buildings, cold sites, working sites with no water connection	**Work faster** • **Higher drilling speed**, on all materials, vs. standard wet drilling ***Reduce drilling time by >40%: great savings and more jobs don***
Work faster • **Avoid site set-up** -No waterproof drilling area -No water connection, no water hose running • **Drill faster** -Higher drilling speed, on all materials, vs. standard wet drilling • **Avoid site clean-up** -No need to clean up slurry -No time wasted on slurry disposal ***Reduce working time by >40%: great savings and more jobs done***	**Work as usual** • **Keep on working with water** when / if you prefer, as you are used to, while getting an unmatched drilling performance
Reduce waste • **Get less waste** -Get drilling dust; no water / slurry • **Get a simpler, useful waste** -Get dust, reusable to make concrete -Avoid slurry and its disposal	
Avoid damages • **Avoid risk and costs** of property damages due to water leakages	

- Drill cleanly: drill everywhere and better
- Drill faster: save time and money
- Take on more jobs: grow your business

DPH 2200 ME-16

Advanced hybrid – wet / dry core drill

Technical features	Operational mode	Hand-held or on stand (rig)
	Drilling mode	Advanced hybrid - wet / dry
	Technology	DIAMOND PULSE-TECH with micro-percussion
	Input power - rated (max)	2,050 (max 2,450) W
	Input current - rated (max)	18.0 (max 22.0) A
	Materials	Reinf. concrete, stones, asphalt, masonry, bricks
	Gears	1
	Rated no-load rpm	1,270 min
	Rated load rpm	940 min
	Load micro-percussions	22,560 min
	Core bit connection	1" ¼ UNC
	PRCD / GFI	Included
	Weight	17.4 lb
	Dimensions - L x W x H	22" ½ x 4" x 6" ¾
	Supplied in	Heavy duty plastic case

Diameters	Hand-held / on stand		
	Masonry, bricks	1" ¼ - 8"	1" ¼ - 8"
	Reinforced concrete	1" ¼ - 4"	1" ¼ - 6"

Applications: Installations (HVAC, networks, anchors, chimneys, fences), any round opening

Professions: Plumber, electrician, installer, stonemason, landscaper, construction co.

CARDI

DPH 2200 ME-16-K and CARDI HS

Advanced hybrid – wet / dry core drill

DPH 2200 ME-16-K

DPH 2200 ME-16
adv. hybrid –
wet / dry core drill

3" ¼ - 82 mm

DPT 082
adv. dry
core bit

3" ¼ - 82 mm

CDU 082
adv. wet
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

CARDI HS 200-K

DPH 2200 ME-16
adv. hybrid –
wet / dry core drill

LDP 200
anti-vibration
core drill stand (rig)

3" ¼ - 82 mm

DPT 082
adv. dry
core bit

3" ¼ - 82 mm

CDU 082
adv. wet
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

506250
Anchoring
fixing bolt kit

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

DP 2200 MA-16

Advanced dry core drill

Advanced dry only

Technical features	Operational mode	Hand-held or on stand (rig)
	Drilling mode	Advanced dry
	Technology	DIAMOND PULSE-TECH with micro-percussion
	Input power - rated (max)	2,050 (max 2,450) W
	Input current - rated (max)	18.0 (max 22.0) A
	Materials	Reinf. concrete, stones, asphalt, masonry, bricks
	Gears	1
	Rated no-load rpm	1,270 min
	Rated load rpm	940 min
	Load micro-percussions	22,560 min
	Core bit connection	1" ¼ UNC
	PRCD / GFI	Not necessary - no water
	Weight	17.2 lb
	Dimensions - L x W x H	22" ½ x 4" x 6" ¾
	Supplied in	Heavy duty plastic case

Diameters	Hand-held / on stand		
	Masonry, bricks	1" ¼ - 8"	1" ¼ - 8"
	Reinforced concrete	1" ¼ - 4"	1" ¼ - 6"

Applications: Installations (HVAC, networks, anchors, chimneys, fences), any round opening

Professions: Plumber, electrician, installer, stonemason, landscaper, construction co.

CARDI

DP 2200 MA-16-K and CARDI DS

Advanced dry core drilling

DP 2200 MA-16-K

DP 2200 MA-16
adv. dry core drill

3" ¼ - 82 mm

DPT 082
adv. dry
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

CARDI DS 200-K

DP 2200 MA-16
adv. dry core drill

LDP 200
anti-vibration
core drill stand (rig)

2" - 52 mm

DPT 052
adv. dry
core bit

3" ¼ - 82 mm

DPT 082
adv. dry
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

506250
Anchoring
fixing bolt kit

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

DPH 3000 ME-17

Advanced hybrid – wet / dry core drill

Technical features	Operational mode	Hand-held or on stand (rig)
	Drilling mode	Advanced hybrid - wet / dry
	Technology	DIAMOND PULSE-TECH with micro-percussion
	Input power - rated (max)	2,300 (max 2,850) W
	Input current - rated (max)	20.0 (max 25.0) A
	Materials	Reinf. concrete, stones, asphalt, masonry, bricks
	Gears	1
	Rated no-load rpm	1,170 min
	Rated load rpm	870 min
	Load micro-percussions	20,880 min
	Core bit connection	1" ¼ UNC
	PRCD / GFI	Included
	Weight	18.5 lb
	Dimensions - L x W x H	21" ¾ x 4" ½ x 7"
	Supplied in	Heavy duty plastic case

Diameters	Hand-held / on stand		
	Masonry, bricks	1" ¼ - 8"	1" ¼ - 10"
	Reinforced concrete	1" ¼ - 4"	1" ¼ - 8"

Applications: Installations (HVAC, networks, anchors, chimneys, fences), any round opening

Professions: Plumber, electrician, installer, stonemason, landscaper, construction co.

CARDI

DPH 3000 ME-17-K and CARDI HS

Advanced hybrid – wet / dry core drill

DPH 3000 ME-17-K

DPH 3000 ME-17
adv. hybrid –
wet / dry core drill

4" - 102 mm

DPT 102
adv. dry
core bit

4" - 102 mm

CDU 102
adv. wet
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

CARDI HS 250-K

DPH 3000 ME-17
adv. hybrid –
wet / dry core drill

LDP 200
anti-vibration
core drill stand (rig)

4" - 102 mm

DPT 102
adv. dry
core bit

4" - 102 mm

CDU 102
adv. wet
core bit

506102
CARDIFACILE
device for quick
core-bit unscrewing

506250
Anchoring
fixing bolt kit

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

DPH 3500 SE

Advanced hybrid – wet / dry core drill motor

Technical features	Operational mode	On stand (rig)
	Drilling mode	Advanced hybrid - wet / dry
	Technology	DIAMOND PULSE-TECH with micro-percussion
	Input power - rated (max)	2,820 (max 3,350) W
	Input current - rated (max)	25.0 (max 31.0) A
	Materials	Reinf. concrete, stones, asphalt, masonry, bricks
	Gears	3
	Rated no-load rpm	590 - 970 - 1,610 min
	Rated load rpm	390 - 640 - 1,070 min
	Load micro-percussions	9,360 - 15,360 - 25,680 min
	Core bit connection	1" ¼ UNC
	PRCD / GFI	Included
	Weight	36.2 lb
	Dimensions - L x W x H	25" ¼ x 6" ¼ x 6" ½
	Supplied in	Carton box
Diameters	On stand	
	Masonry, bricks	1" ¼ - 10"
	Reinforced concrete	1" ¼ - 10"
Applications	Installations (fences, guardrails), building consolidations, any round opening	
Professional	Construction co., professional drilling and cutting co., demolition expert	

DPH 3500 SE-K and CARDI HS 3

Advanced hybrid – wet / dry core drill

DPH 3500 SE-K

DPH 3500 SE
adv. hybrid – wet / dry
core drill motor

5" ¼ - 132 mm

DPT 132
adv. dry
core bit

5" ¼ - 132 mm

CDU 132
adv. wet
core bit

505355
CARDIFACILE
device for quick
core-bit unscrewing

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

CARDI HS 300-K

DPH 3500 SE
adv. hybrid – wet / dry
core drill motor

CDP 520
anti-vibration
core drill stand (rig)

4" - 102 mm

DPT 102
adv. dry
core bit

5" ¼ - 132 mm

DPT 132
adv. dry
core bit

5" ¼ - 132 mm

CDU 132
adv. wet
core bit

505355
CARDIFACILE
device for quick
core-bit unscrewing

506250
Anchoring
fixing bolt kit

Optional

DPT H COMPACT
H / HEPA + M compact
ind. dust extractor

LDP 200

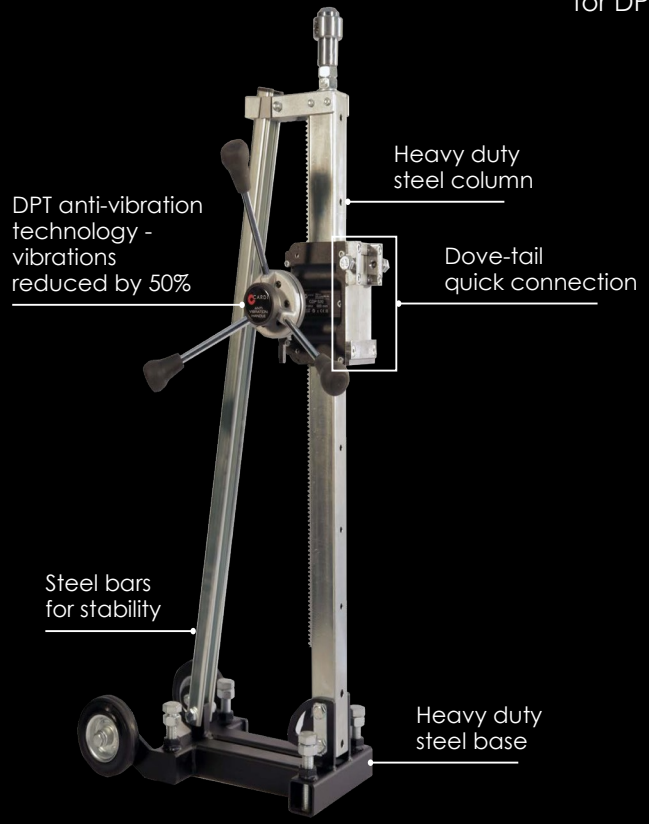
Core drill stand (rig) with DPT anti-vibration technology
for DPH 2200 ME-16, DP 2200 MA-16 and DPH 3000 ME-17

Technical features		
	Base	Aluminum - compact and light
	Column	Aluminum - 50 x 50 mm (ca. 2 x 2")
	Carriage	Self-lubricating sliding pads
	Feeding handle	DPT anti-vibration technology
	Max carriage run	22" ¾
	Max drilling diameter	8"
	Rear bars	Steel - 2 bars
	Tilting angle	0° - 45°
	Fixing system	Anchoring
	Core drill mounting	Rapid-lock quick connection
	Weight	29.3 lb
	Dimensions - L x W x H	17" ¼ x 13" x 39" ½

CARDI

CDP 520

Core drill stand (rig) with DPT anti-vibration tec
for DPH 3500 SE



Technical features		
	Base	Steel - heavy duty
	Column	Steel - 50 x 50 mm (ca. 2 x 2")
	Carriage	Steel rollers and bearings
	Feeding handle	DPT anti-vibration technology
	Max carriage run	25" ½
	Max drilling diameter	20"
	Rear bars	Steel - 2 bars
	Tilting angle	0° - 45°
	Fixing system	Anchoring
	Core drill mounting	Dove-tail quick connection
	Weight	56.0 lb
	Dimensions - L x W x H	21" x 16" ½ x 44" ½