

DA VINCI, THE NEW EXPANDABLE AND VERSATILE CUTTING SYSTEM



DA VINCI DV CD35-1500

It's a wet cutting system which uses a diamond chainsaw "COCCODRILLO35" that allows you to:

- cut concrete walls, concrete blocks, stone, bricks, cinder blocks and all the construction materials in general,
- perform a 35 cm deep cut,
- cut walls, floors, etc for windows and doors openings, passages, enlargement of existing openings, deep niches and wall-saws corner cuts, square cuts without overcutting as it happens with
- cuts made with diamond blade,
- and then the power head COCCODRILLO35 can also be used hand held to cut stones, bricks, concrete blocks, etc. or for finishing jobs.

DA VINCI DV AL22-1500

It's a dry cutting system which uses a carbide tipped (widia) chainsaw "ALLIGATORE22" that allows you to:

- cut part of the construction materials on the market such as: abrasive materials and materials with a low cement amount, solid and hollow blocks, poroton, tuff, limestone, aerated concrete and similar construction materials,
- perform a 53 cm deep cut,
- cut dividing walls, for windows and doors openings, passages, etc, square cuts without overcutting as it happens with
- cuts made with diamond blade,
- and then the power head ALLIGATORE22 can also be used hand held to cut blocks of material, or for finishing jobs.



DA VINCI DV PE400-1500

It's a wet cutting system which uses the 400 mm blade hand held saw "PELLICANO400" that allows you to:

- cut concrete walls, concrete blocks, stone, bricks, cinder blocks and all the construction materials in general,
- perform a 16 cm deep cut,
- cut walls, floors, etc for windows and doors openings, passages, enlargement of existing openings, deep niches and wall-saws corner cuts,
- and then the power head PELLICANO400 can also be used hand held to cut stones, bricks, concrete blocks, kerbs, curbs, etc. or for finishing jobs.



DA VINCI DV T10-1500

It's a wet drilling system which uses the heavy duty core drill motor "TALPA T10-500-EL" combined with an extra long mast and allows you to:



- use 1 m long core bits for the drilling of long holes saving time and money,
- perform continuous drilling operations using 1 m long extensions reducing the time to do the job,
- drill up to 500 mm diameter with the possibility to tilt the mast up to 45° towards the operator and 5° in the opposite direction,
- fix the core drill motor in a safe and quick way, thanks to the "CARDI cam lock system", without the use of wrenches,
- have an heavy duty steel base robust and particularly suitable for professional use, unlike the aluminum bases that are not suitable for intensive use.



DA VINCI DV CD35-1500



DA VINCI DV AL22-1500



DA VINCI DV PE400-1500



DA VINCI DV T10-1500



THE CUTTING SYSTEM FOR CONCRETE, BRICKS AND STONE

Diamond chain wet cutting system		DV CD35-1500	
power head	Electric Chainsaw	COCCODRILL035	CD 35.35
main track			T60-1500
auxiliary guide			T50-CD
max cutting depth		cm	35
carriage travel (main track)		mm	1200
electric motor type			1 ph - 230 V

Carbide tipped chain dry cutting system		DV AL22-1500	
power head	Electric Chainsaw	ALLIGATORE22	AL22.53
main track			T60-1500
auxiliary guide			T50-AL
max cutting depth		cm	53
carriage travel (main track)		mm	1200
electric motor type			1 ph - 230 V

Diamond blade wet cutting system		DV PE400-1500	
power head	Electric cut-off saw	PELLICANO400	PE400
main track			T60-1500
auxiliary guide			KIT-PE
max cutting depth		cm	16
carriage travel (main track)		mm	1200
electric motor type			1 ph - 230 V

Diamond core bit wet drilling system		DV T10-1500	
power head	Electric core drill motor	TALPA500	T10 500-EL
main track			T60-1500
auxiliary guide		QUICK CONNECT	CAM-LOCK
max cutting depth		mm	500
carriage travel (main track) / max core bit length		mm	1200 / 1000
electric motor type			1 ph - 230 V

CARDI s.r.l.
Via Leonardo Da Vinci, 21 - IT - 24030 Pontida (BG), ITALY
Tel. +39 035 795029 - Fax. +39 035 796190
info@cardi.biz - www.cardi.biz

DA VINCI: the new cutting system.
Expandable, flexible, extremely versatile.
Four powerheads - One track system

THE "DA VINCI" SYSTEM
It's a cutting and drilling equipment composed by modular elements, the four power heads, which can be applied to the track system in accordance with the job that must be done.

STEEL MAST AND ROLLER CARRIAGE
A special column with steel rack is the element on which runs an heavy-duty carriage made of extruded aluminum. The steel rollers system simultaneously ensures rigidity and easy sliding even in the presence of water, dust and mud. This is the common element of the DA VINCI system.

POWER HEADS
At this time 4 different power heads can be purchased separately from each other:
Coccodrillo35
wet cutting with diamond chain
Alligatore 22
dry cutting with carbide tipped chain (wida)
Pellicano400
wet cutting with diamond blade
T10 500 - EL
for the long and continuous drilling operations

ADVANTAGES

230 V POWER
Da Vinci is the first cutting system equipped with electric 230V single phase motor that can be used in any environment, residential, industrial and on the construction site.

SMALL INVESTMENT
The user has the possibility to purchase, together with the track system, a single power head and only when needed, other power heads; thereby the initial investment is small and affordable also from construction companies that run occasionally cutting and coring jobs. Performing cutting and drilling jobs autonomously means a considerable saving of costs and waiting times.

NO NEED OF FINISHING AFTER THE CUT
The rigid guide of the cutting tools allows to perform precise and fast cuts which do not require follow up finishing operations.

NO VIBRATIONS
The "DA VINCI" power heads don't transmit vibrations to the structure ensuring to not cause damages to the building and to the operator when compared with breaking hammer working.



CUTTING TOOLS LAST LONGER
The "Da Vinci" system is designed to increase tool life with a significant reduction in the cost per square meter, when compared with hand-held cuts.

ONE OPERATOR
The systems low weight allows it to be used by only one operator with a remarkable savings in labor cost.

EASY TO TRANSPORT
The reduced dimensions allow the system to be transported with a small dimension truck or with a small car.

INDOOR USE
Because of the absence of exhaust fumes and a limited noise level is possible to work indoors.

MINIMAL MAINTENANCE
The high quality components ensure minimal maintenance over the years, particularly when compared with similar gas-powered equipments.

MADE IN ITALY AND CE MARKED
Da Vinci is designed and manufactured entirely in Italy in accordance with the European standards and Regulations.