

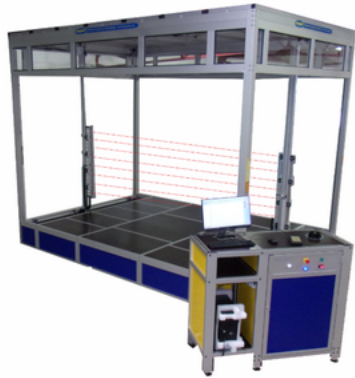
# CROMA

cutting machine



## INDUS Series

CROMA' specialty since its inception, the industrial machines are renowned worldwide for their versatility, high quality and strength. The reinforced frames are tailored to the dimensions you need, and CROMA offers a wide range of options and functions to customize your machine: cutting harp up to 40 wires, pneumatic turntable, conveyors... Get a guarantee of reliability, by choosing an equipment that will meet your needs and requirements for the upcoming decades.



525 MODEL

### ADVANTAGES

- › Steel guidance, with high precision bearing
- › Independent axes, with 120 mm wire extension
- › Double reinforced frame: The robust structure of the machine can withstand the loading & unloading of the heaviest blocks, with intensive production rates
- › High dimensions available: standard machines up to 6 meters long
- › Included with this model: PC housing, speed adjustment during the cutting process, remote control
- › CROMA software recognized as the most efficient and intuitive on the market
- › 2 years warranty

## TECHNICAL DATA



ROTATIVE HARP



REINFORCED HARP  
wire positioning every mm

#### TECHNOLOGY

- 4 to 5 axes

#### ENGINES

- Stepper motor

#### MAXIMUM SPEED

- 3.2 m / min

#### ACCURACY

- ± 1 mm

#### RESOLUTION

- 0.1 mm

#### REPEATABILITY

- 0.05 mm

#### CUTTING WIRE

- Nickel / Chrome base, delivered with 5 spare wires
- Ø 0.3 mm

#### NUMBER OF WIRES

- Up to 12 cutting wires (option)

#### CUTTING TABLE

- Reinforced wood, 13-ply

#### GUIDANCE

- Linear ball bearing

#### STRUCTURE

- Stainless anodized aluminum

#### HEATING

- External potentiometer

#### WIRE EXTENSION

- 120 mm or 25 °

#### SOFTWARE

- FAOMA and Croma Output

#### IMPORT FILES

- .PLT .DXF .STL

#### INTERFACE

- Windows XP, 7, 8, 10

#### CONDITIONS OF USE

- 0 ° C to 50 ° C

#### CONNECTION

- RJ 45, 2 ethernet cards required

#### POWER SUPPLY

- 230 VAC or 115VAC

## MODELS

Cutting capacities	321	421	323	424	521	525	621	626
X (Horizontal movement - mm)	3050	4050	3050	4050	5050	5050	6050	6050
Y (Vertical stroke - mm)	2050	2050	2050	2050	2050	2050	2050	2050
Z (Working length of the wire - mm)	1300*	1300*	4050	4050	1300*	5050	1300*	6050

\*This machine can be equipped with the wire reduction system and with the Stratoconcept Software.

Feel free to **contact us** for specific requests or for more information.

**Video demo** on the following link from our Youtube channel:

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SAS au capital de 302 000 € - RCS : La Roche-sur-Yon - VAT FR 36353851934 - NAF 7112 B

[sales@croma-foamcutter.com](mailto:sales@croma-foamcutter.com)

**CROMA · INDUS SERIES**

## OPTIONS

### SPEED ADJUSTMENT AFTER STARTING - INCLUDED -



Very convenient to adapt the cutting speed according to the material you are working with.  
This feature enables adjusting the initial movement of the wire by +/- 50%

### REMOTE CONTROL - INCLUDED -



Manual control of many features, such as:  
Speed setting (slow / fast).  
Turntable driving (in both directions).  
Start, pause or stop the cutting.  
Bring your wire to different definite positions, stored in the machine.

### AUTOMATIC TURNTABLE



CROMA's turntable  $\varnothing$  1150 mm allows you to produce 3D objects easily and automatically.  
Heavy duty option:  $\varnothing$  1500 mm with a pneumatic system.

### MULTIRADIUS SOFTWARE



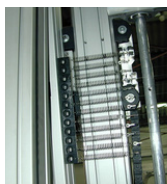
Ideal to create parts made of variable radii, especially in the building industry: arches, reservations, concrete molds, etc.

### WIRE EXTENSION SYSTEM



This system allows the wire to extend up to 750 mm, offering the ability to cut angles over 45° and to make technical parts with a higher accuracy. It can be associated with the Stratoconcept software.

### AUTOMATIC WIRE POSITIONING



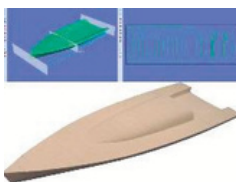
Set the distance between each wire in the program, and the automat will display them with great accuracy.  
Combined with a conveyor, this is the perfect feature to produce mass productions of sheets and panels.

### MULTIWIRE HARP, FIXED OR ROTATIVE



Up to 40 cutting wires at once. This option increases and multiplies the cutting productivity, reducing the production cost.  
Rotative option: automatic tilting of the harp.

### STRATOCONCEPT SOFTWARE



Use your machine as a 3D printer:  
Create prototypes and oversized objects in multiple layers, quickly and easily from your 3D file.  
With this technology, complex shapes and sharp angles can be done.

### PC HOUSING - INCLUDED -



This ergonomic cabinet includes the electronics, a compartment for the computer, as well as a dedicated space for the storage of consumables.  
The computer itself is optional.

### HORIZONTAL LATHE



The horizontal lathe is the ideal tool for making all types of columns or oversized objects, like an egg or a surfboard.

### MATERIAL HOLDING SYSTEM



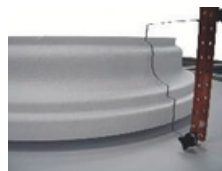
This device helps holding the thin panels vertically on the machine bed.  
Display as much sheets as possible on the edge, and start cutting to reach a great productivity.

### ARCHITECTURAL PROFILES DATABASE



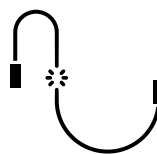
Database of more than 1 500 moldings and architectural profiles. Our designers have gathered an extensive collection of profiles ready to use.

### SHAPEABLE FLAT WIRE TOOL



The  $\varnothing$  0.3 mm round wire is replaced by a flat wire, or by a thicker round one  $\varnothing$  0.9 mm.  
This thick wire can be shaped by hand with or without template, and it can take any form.

### DETECTION OF WIRES BREAKAGE



If the Wire breaks during the cutting process, the software detects the defect and automatically pauses the machine, so you can either change the wire or bring it back to its starting position.

### LOADING - UNLOADING OPTIONS



Conveyors, self-supporting wheels, side rollers...  
Ask us for the most appropriate solution to your needs.

### TURNKEY SOLUTIONS, CONTROL & SAFETY



Light barriers, machine enclosure, smoke aspiration, safety laser scanner...  
Many solutions exist, let's talk about your needs.

Feel free to **contact us** for specific requests or for more information.