CROMA
cutting machine

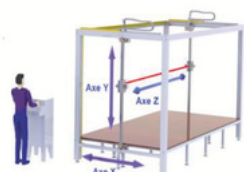MADE IN FRANCE

UHD + Series

> Croma's Bestseller over the past 15 years, the UHD + Series is suitable for all industries. Thanks to the many available options, our CNC machine can be personalized to meet all your needs. That is the perfect fit for small and medium series cutouts, with a great quality-price ratio.
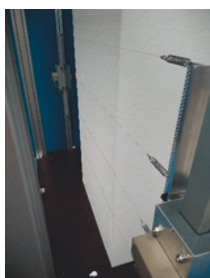
ADVANTAGES

- Made in France, with high quality materials and components
- Ease of installation and assembly
- Independent axes with 80 mm wire extension
- Designed to process the standard block sizes from the raw material suppliers
- New guiding systems for a better cutting accuracy
- CROMA Software recognized as the most efficient and intuive on the market
- 1 year warranty
- CE Standard

TECHNICAL DATA

113 MODEL

MULTIWIRE HARP

TECHNOLOGY
• 4 to 5 axes
ENGINES
• Stepper motor
MAXIMUM SPEED
• 2.7 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 6 cutting wires
CUTTING TABLE
• Reinforced wood, 13-ply
GUIDANCE
• Linear ball rollers
STRUCTURE
• Stainless anodized aluminum
HEATING
• External potentiometer
WIRE EXTENSION
• 80 mm or 20 °
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
• Ethernet RJ 45
POWER SUPPLY
• 230 VAC or 115VAC

MODELS

Cutting capacities	113	311	313
X (Horizontal movement - mm)	1280	3050	3050
Y (Vertical stroke - mm)	1280	1280	1280
Z (Working length of the wire - mm)	3050	1280*	3050

*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 :

CROMA · UHD + SERIES

AUTOMATIC TURNTABLE Ø 900 mm

CROMA's turntable - fix or removable - allows you to produce 3D objects easily and automatically.

PC HOUSING

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

WIRE REDUCTION SYSTEM

The wire reduction device reduces the wire length, to achieve angles greater than 45 °. This will allow you to cut technical parts with a greater precision, and it can be subscribed for the use of the Stratoconcept software.
Available on 311 model only

HORIZONTAL LATHE

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

MULTIRADIUS SOFTWARE

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

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.
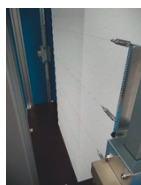
SPEED ADJUSTMENT AFTER STARTING

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%

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.
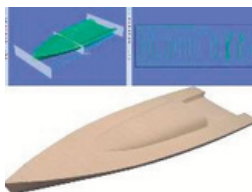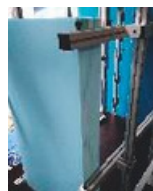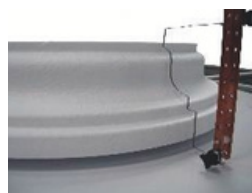
REMOTE CONTROL

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.

SHAPEABLE FLAT WIRE TOOL

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

MULTIWIRE HARP

Up to 6 cutting wires at once. This option increases and multiplies the cutting productivity, reducing the production cost.

PROTECTION AND SAFETY

Light barriers, machine enclosure, smoke aspiration, safety laser scanner...
Let's talk about your needs.

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.

CONTROL COMPUTER

Ordered to our official supplier DELL, we set it up with the required software for your application.

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