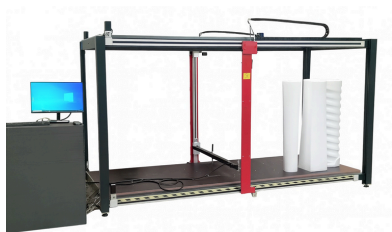# CROMA
cutting machine

MADE IN FRANCE

UHDV2 Series

Developed from our constantly evolving expertise, the UHD V2 series offers you a combination of power, precision, and reliability. It is the go-to machine for all sectors that demand flawless cutting quality. Ultra-versatile and rich in options, the UHD V2 guarantees maximum productivity in small and medium runs, while offering unbeatable value for money.

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 double linear guiding systems for a better cutting accuracy
❯ CROMA Software recognized as the most efficient and intuive on the market
❯ 5 year warranty
❯ CE Standard

TECHNICAL DATA

Limit switch on linear guide

MULTIWIRE HARP

TECHNOLOGY
• 4 to 5 axes

ENGINES
• 6 Stepper motor 5Amp

MAXIMUM SPEED
• 8m / 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 Prismatic belt

STRUCTURE
• Stainless anodized aluminum

HEATING
•Electronically controlled heating

WIRE EXTENSION
• 80 mm or 20 ° bis 600 mm in option

LIMIT SWITCH
• Electronical limit switch managed by software

SOFTWARE
• FAOMA and Croma Output

IMPORT FILES
• .PLT .DXF .STL

INTERFACE
• Windows XP, 7, 8, 10,11

CONDITIONS OF USE
• 0 ° C to 50 ° C

CONNECTION
• Ethernet RJ 45

POWER SUPPLY
• 230 VAC or 115VAC

MODELS

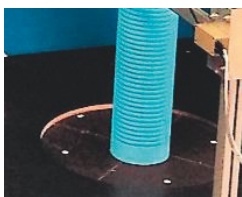| Cutting capacities	113	311	313
X (Horizontal movement - mm)	1280	3050	3050
Y (Vertical stroke - mm)	1280	1280	1280
Z (Working length of the wire - mm)	3050	1280*	3050

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.
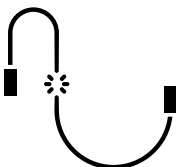*Available on 311 model only*

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.
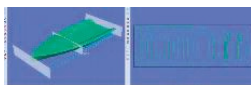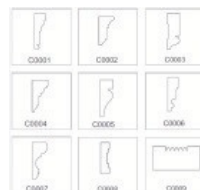
REMOTE CONTROL

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.

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