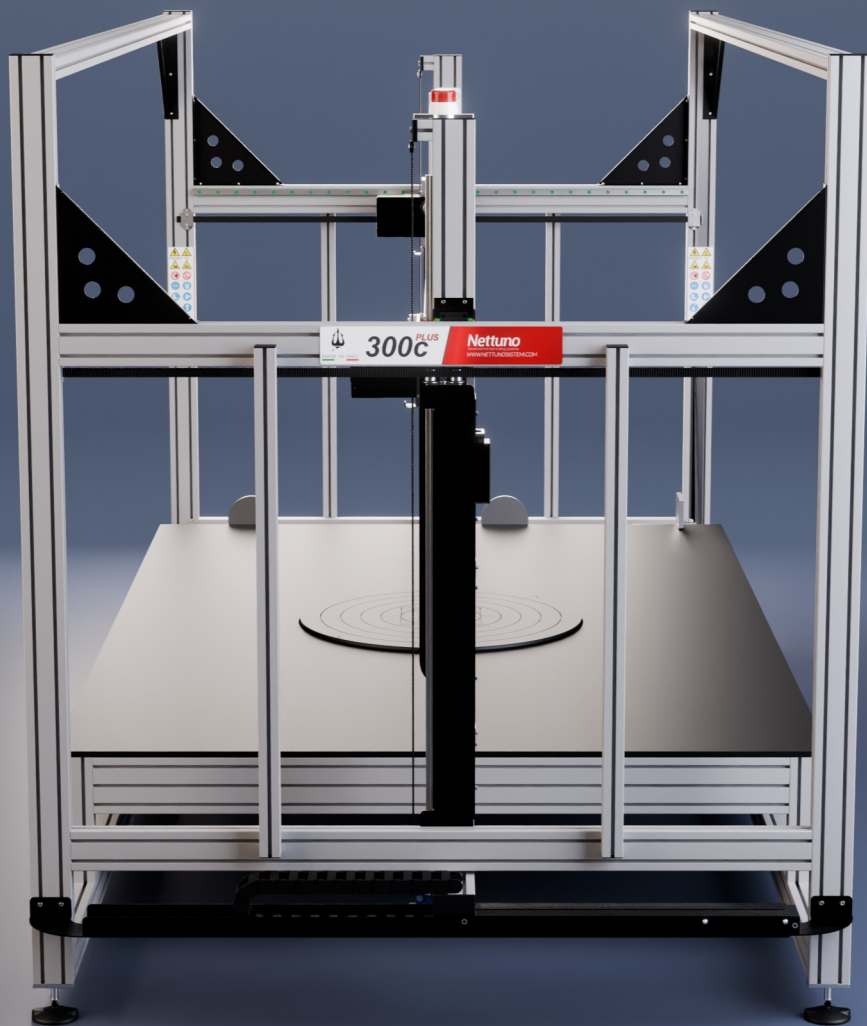


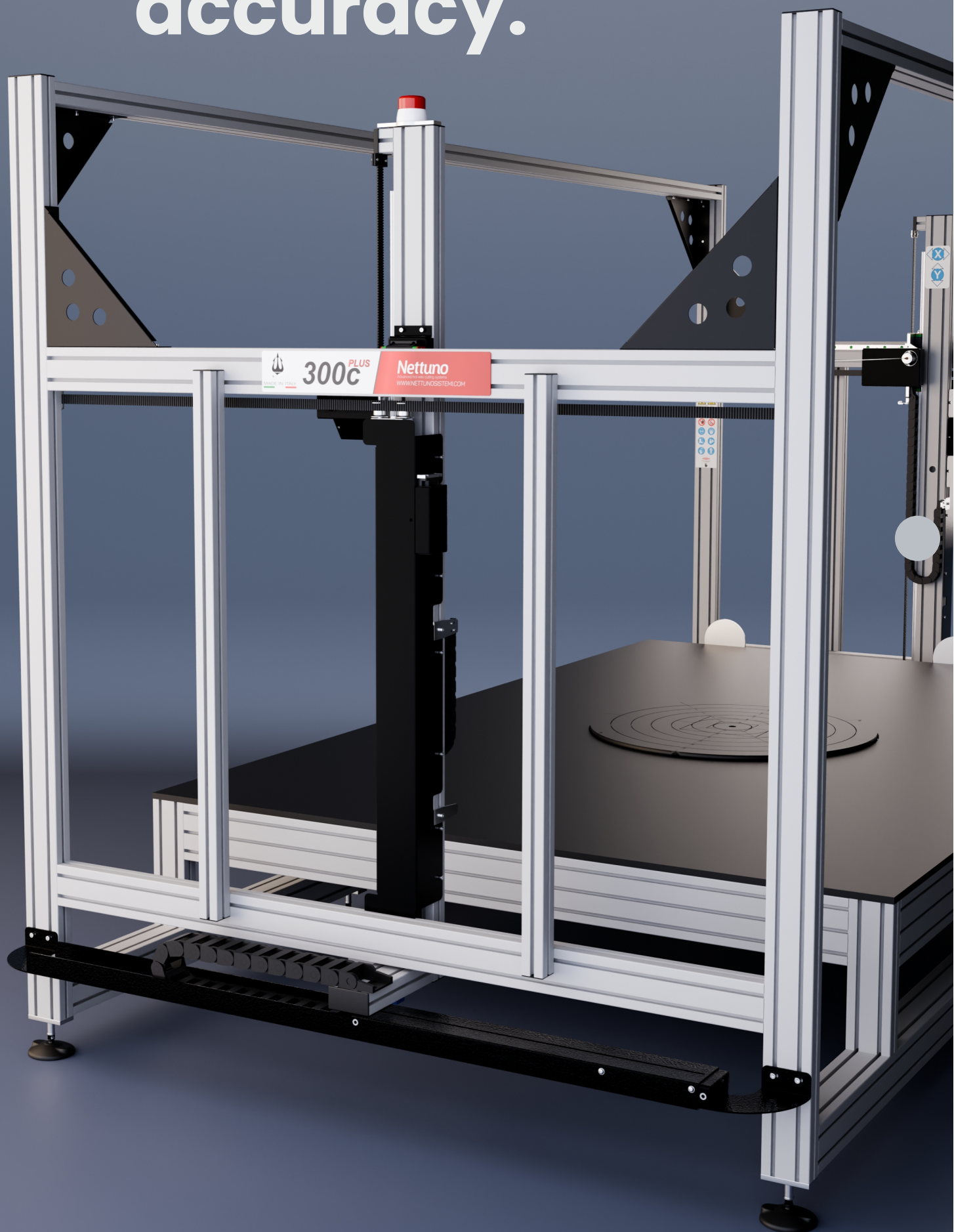
300c^{PLUS}

Designed for window and door manufacturers



Go Nettuno, and your way of working will never be the same:
pure innovation, unmatched precision, breakthrough technology made to own every challenge.
Take control.

Pinpoint accuracy.



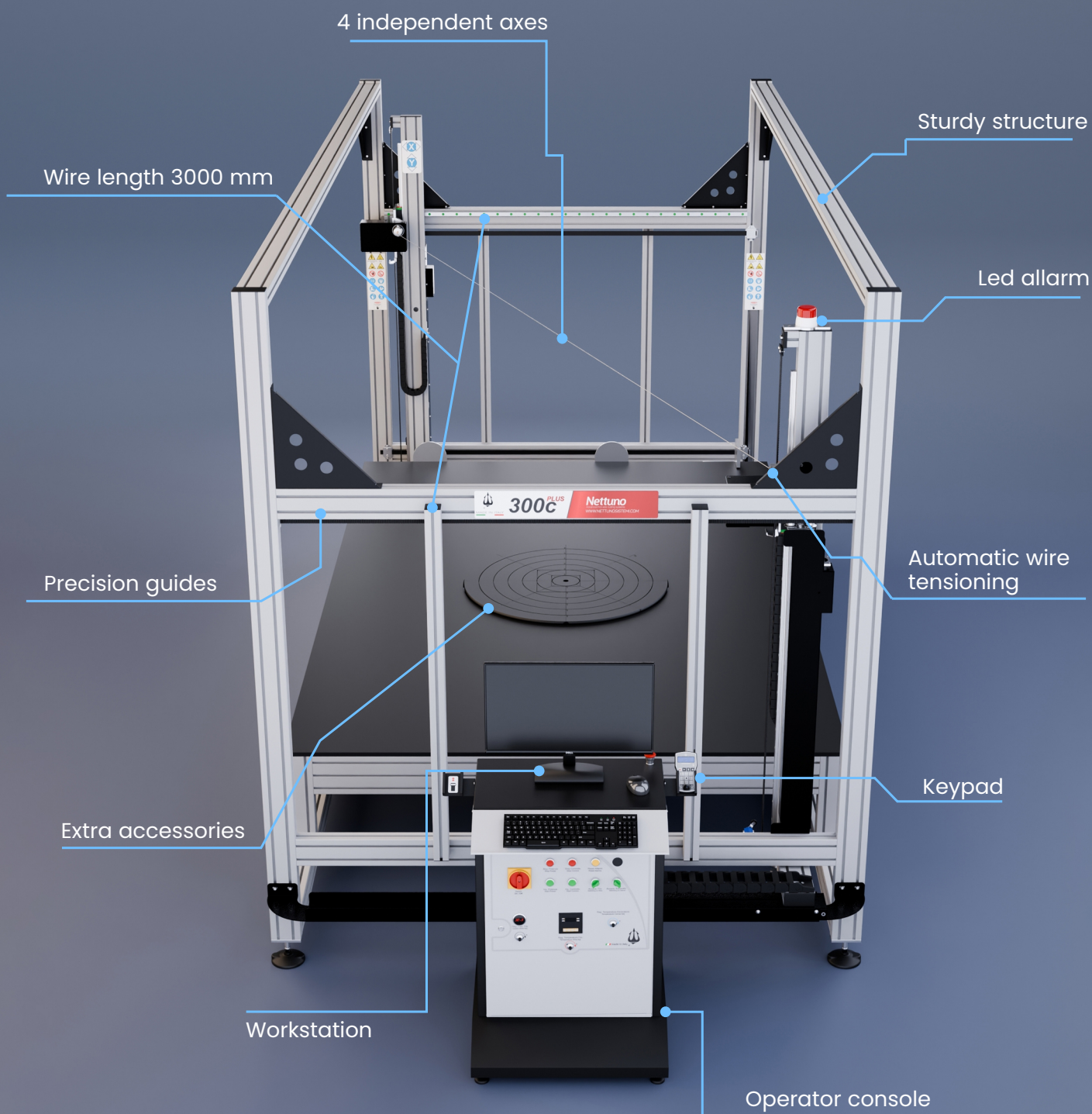
Tailored polystyrene.

300C Plus isn't just another machine. It's built for professionals in the insulated window and door industry who demand precision and customization — with zero compromise.

With four independent axes, advanced wire tension, and a cutting area engineered to perfection, it turns every block of polystyrene into custom components for thermal insulation, acoustic performance, and refined design.

With 300C Plus, every polystyrene process is unique, every cut flawless, and every production faster and easier.

Attention to details.



To discover everything 300C Plus has to offer, we invite you to explore the dedicated sections: on page 3 you'll find the included accessories, while pages 4 through 7 present the optional accessories designed to expand your processing capabilities. For the most detailed technical specifications, the complete datasheet awaits you on page 11.



Adaptable technology.

The 300C Plus can be enhanced with accessories designed to optimize workflow, making every cut more precise, efficient, and tailored to your business.

Among the included accessories is the wireless keypad, always within reach, allowing you to monitor every detail of the cutting process closely.

The integrated operator console provides a solid support and a safe space for the PC, while Dell hardware ensures high performance and consistent reliability.

The in-house developed software, intuitive and user-friendly, guarantees precise control and features specifically designed to meet every need.



Included keypad



Included HMI & software



Included operator console

Extra accessory



360°
precision



Vertical turntable

Total control of rotation and maximum stability.

By placing polystyrene blocks (EPS, XPS) in a vertical position, Mammut can sculpt the entire surface of the material with full 360° freedom of movement.

This setup is perfect for creating complex shapes, intricate details, and finely carved surfaces such as decorative columns, architectural elements, spheres, or artistic components.

The vertical configuration ensures maximum

block stability, minimizing vibrations and preserving every detail with accuracy.

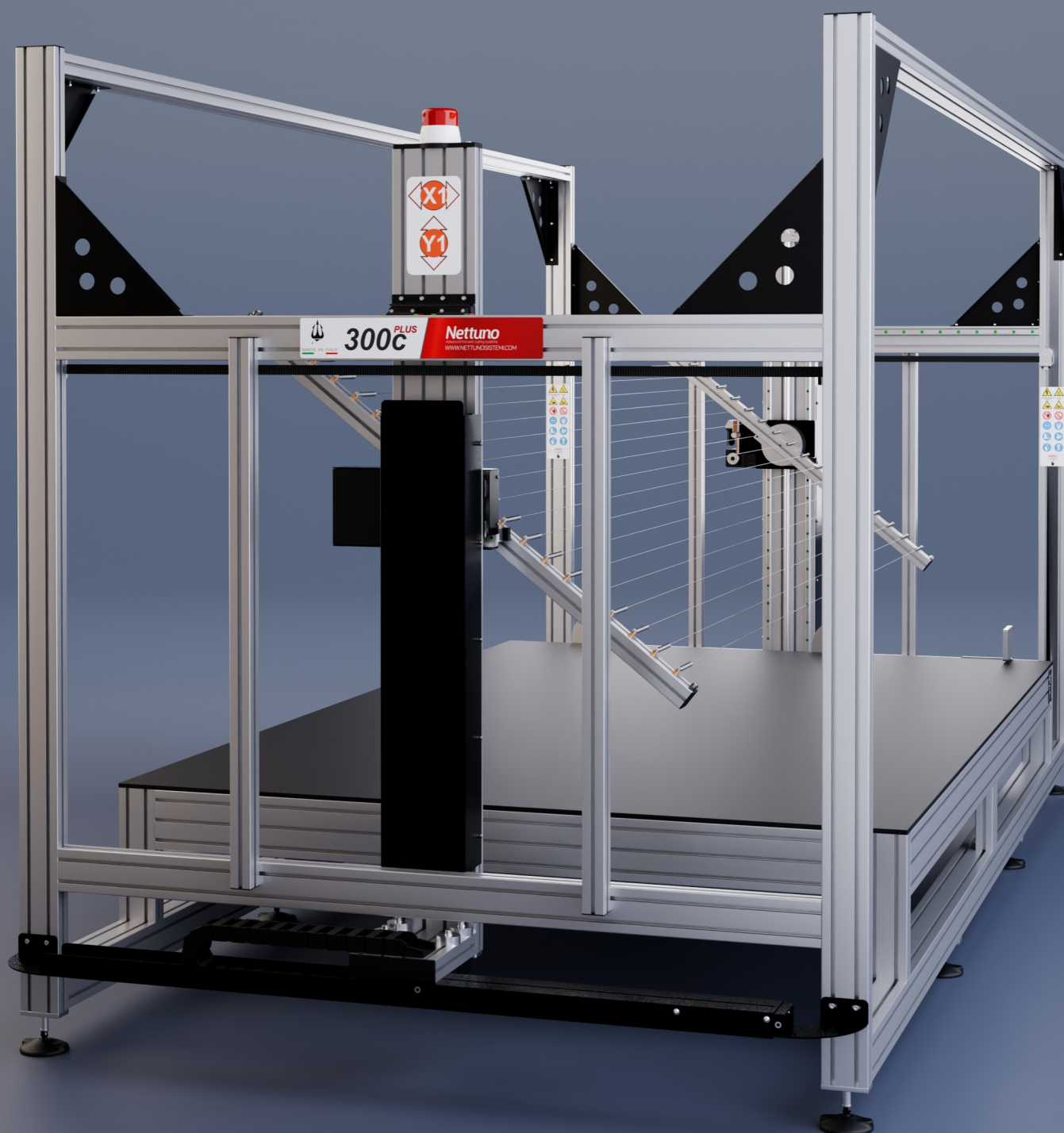
With direct control through Nettuno Software, every movement is managed with micrometric precision.

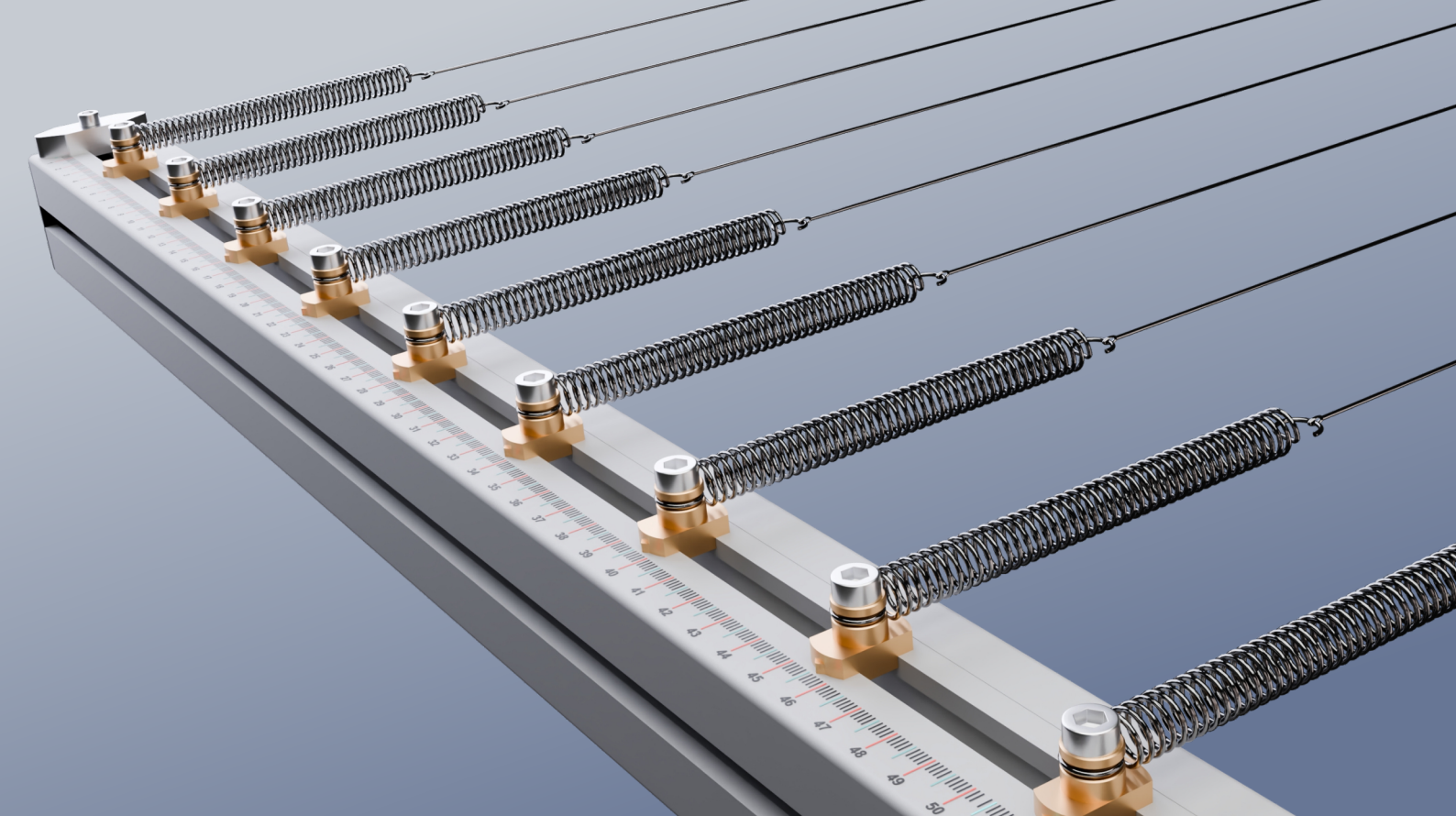
Rotation speed is adjusted in real time, enabling continuous, uniform operations and ensuring outstanding aesthetic quality, even on irregular and highly complex geometries.

Extra accessory

When quantity is needed.

Multiple wire harp





More wires, more pieces, less time.

Series cutting

With the multiple wire harp, you can cut multiple pieces at once. Up to 20 wires work in perfect sync on the same block, producing identical elements in a single pass.

Total flexibility

The wires can be mounted and repositioned with ease, adjusting the spacing through the integrated metric scale. Vertical, horizontal, or diagonal: the harp adapts to any cutting configuration.

Instant control

A dedicated panel lets you regulate wire temperature with pinpoint precision. A display shows values in real time, while quick on/off switches and intuitive adjustments make operation straightforward.

Max wire number	20 wires $\varnothing$ 0,30 Ti
Software	Management window
Wire tension	Springs
Wire absorption	Max power 8 kW
Wire temperature adj.	External potentiometer



Simple. Intuitive.

Specifically designed and developed in-house, Nettuno software is the extra edge that makes our company a leader in hot-wire cutting technology for polystyrene processing machines.

The result of years of experience and ongoing investment in research and development, Nettuno offers a one-of-a-kind interface in the industry, divided into two distinct applications: Nettuno Docker Cam and Nettuno Cutter.

All the necessary software is included with 300c Plus.



Nettuno docker cam.

An integrated CAD/CAM environment that streamlines toolpath creation for every type of machining, from 2D cutting to complex operations with simultaneous turning or independent axes.

With file import capabilities and real-time 3D visualization, you can preview the final result before execution, ensuring precision and operational safety.

Most common file imports.

DXF > DWG > EPS > AI > PDF > HPGL-PLT > WMF > SVG > STL

Nettuno cutter.

Nettuno Cutter is the interface that communicates directly and seamlessly with the machine. The workspace is divided into seven management areas, organized into intuitive windows, each dedicated to a specific function.

At the center, an interactive 3D simulation replicates the machine in real time, tracking its movements while simultaneously calculating the estimated completion time.

Before starting the process, a preview simulation allows you to check the position of the axes, ensuring full control and safety prior to execution.

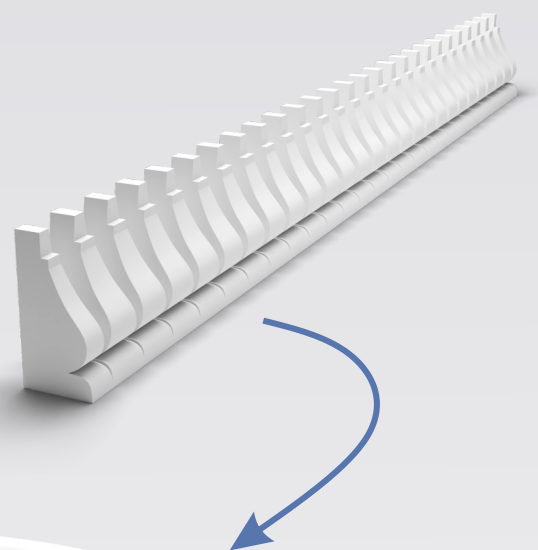


Wedges.

Design segment cuts.

The included Wedges application allows you to perform wedge cuts, arches, and curved frames with exceptional precision and speed.

By importing a DXF shape—such as a building floor plan—Wedges can automatically generate wedge cuts to create curves, arches, frames, ellipses, and even “S”-shaped forms.



Machine details.

Wire without limits.

300c Plus integrates an in-house developed automatic wire friction system. The wire can tilt freely, reaching maximum diagonal angles.

The result? Complex, precise cuts impossible with traditional machines.

Software.

The CNC router integrates Nettuno software, intuitive and powerful, streamlining every step of the workflow. With the wireless keypad, you can remotely control speed, pauses, rotations, and axis coordinates with complete freedom.

Precise movement.

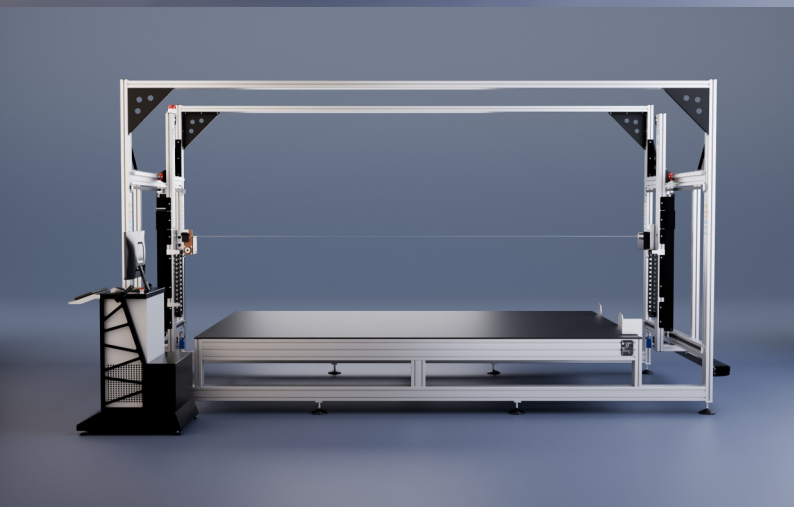
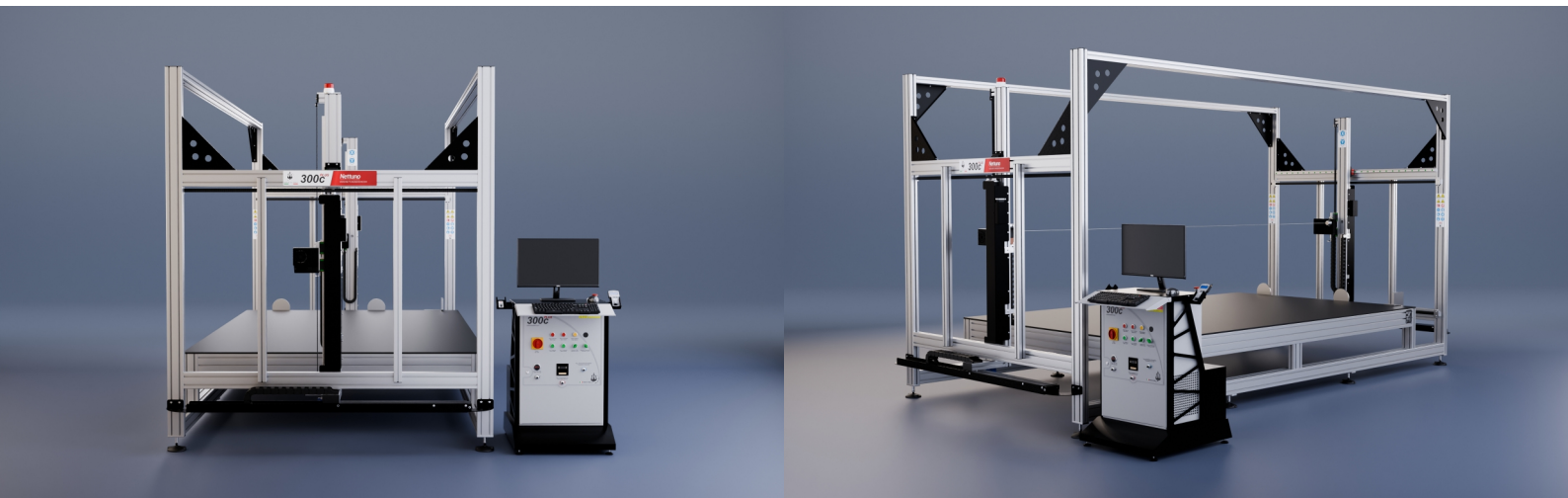
Servo motors and ball screw linear guides. Every movement is smooth, every cut perfectly accurate—start to finish. Achieves a remarkable precision of ± 0.05 mm.

Cutting area.

With its work area of X 1400 mm | Y 1250 mm | Z 3000 mm, 300C Plus meets the real-world dimensions required in the window and door industry. It adapts to your workflow, simplifying production and consistently delivering perfect results.



300c Plus



300c Plus:

Cutting area: X 1400 mm | Y 1250 mm | Z 3000 mm

Structure: Anodised aluminium profiles

Maximum axes speed: 13 m/min

Movement accuracy: +/- 0.05 mm

Wire length: 3000 mm

Type of cutting wire: Ø 0,25 Ti

Power supply: 220/230V 50/60Hz

Single wire absorption: 1 kW

Wire tensioning: Automatic

Wire temperature adjustment: External potentiometer

Motors: Servo

Axes number: 4 independent

X-Y axes transmission: Ball bearing guides and toothed belt

Table top: Compacmel Plus (high-density wood fiberboard)

Weight: 600 kg

Software:

CorelDraw license: Included

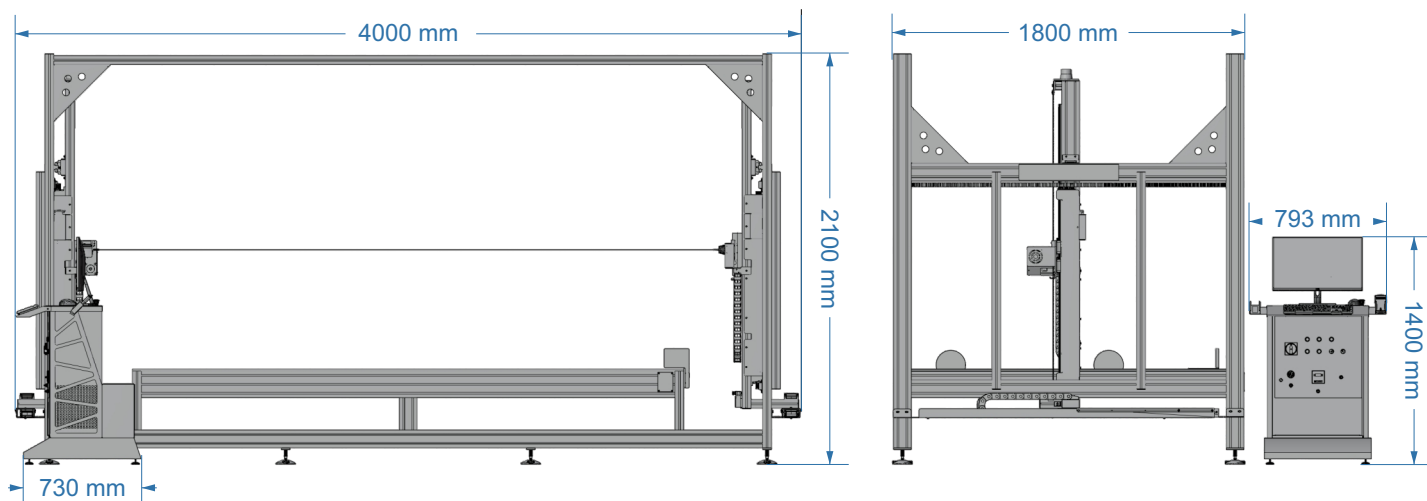
Nettuno Docker CAM license: Included

Nettuno Cutter license: Included

Wedges: Included

Warranty: 12 months

Overall dimensions:



Your vision, powered by our systems.

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Technical specifications may vary depending on the selected product. Images are for illustrative purposes only. For commercial information or to choose the solution best suited to your needs, please contact Nettuno Sistemi.

