

SH400

EPS HOT WIRE MODELER



Compact, yet powerful.



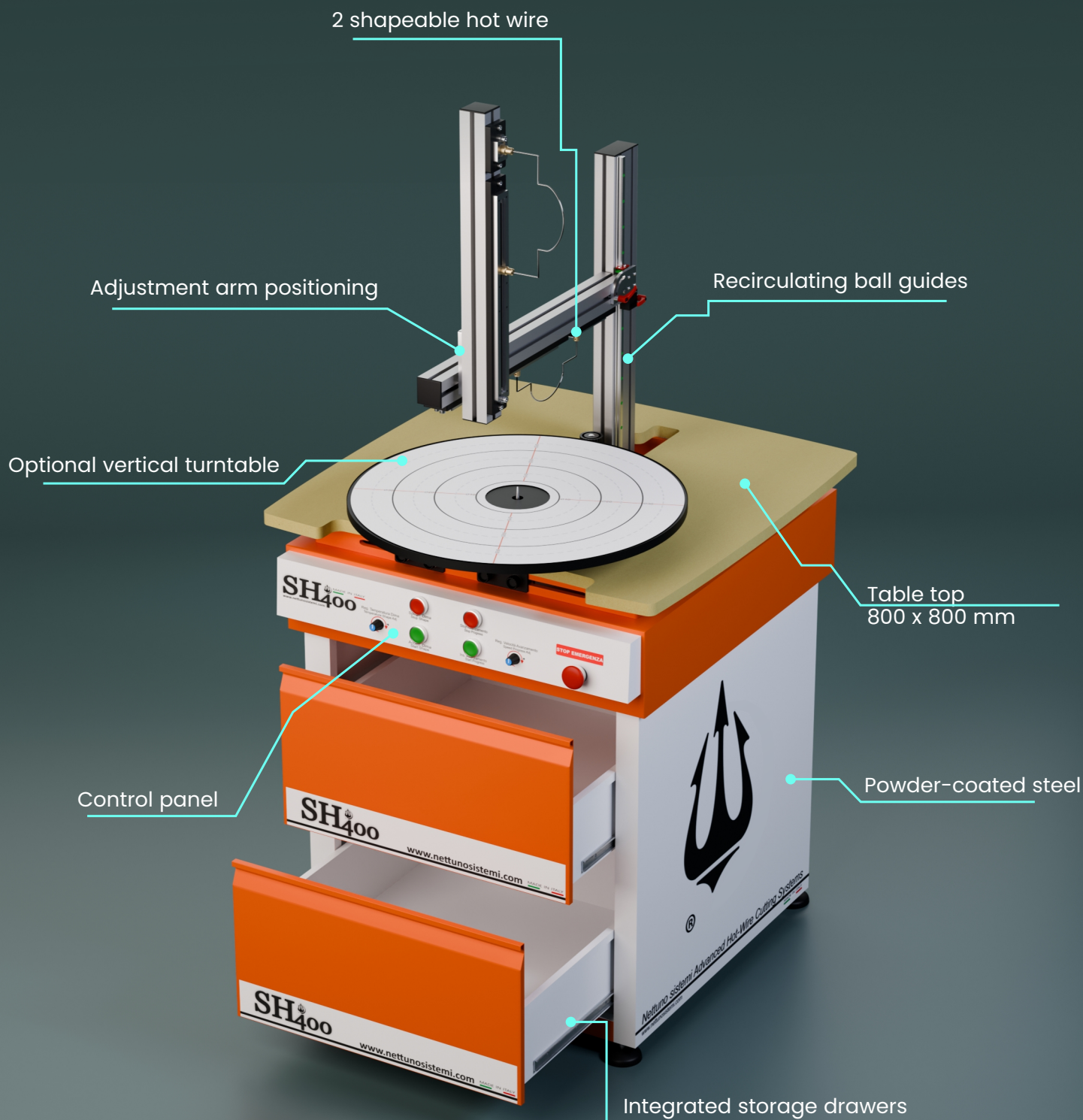
Curved cornices.

The SH 400 semi-automatic polystyrene curved frame molding machine is developed for the creation of frames, cornices, capitals, architraves, and friezes.

Designed for the construction industry, it allows the production curved shapes in EPS thanks to a hot wire that can be manually shaped according to customer requirements.

SH 400 is a machine that combines high productivity, high quality, ease of use, and low investment costs.

Attention to details.



For more detailed technical information, please refer to the complete data sheet on page 7.

SH400

Get inspired.



Unique works.

Thanks to the manually shapeable hot wire.



Space saving.

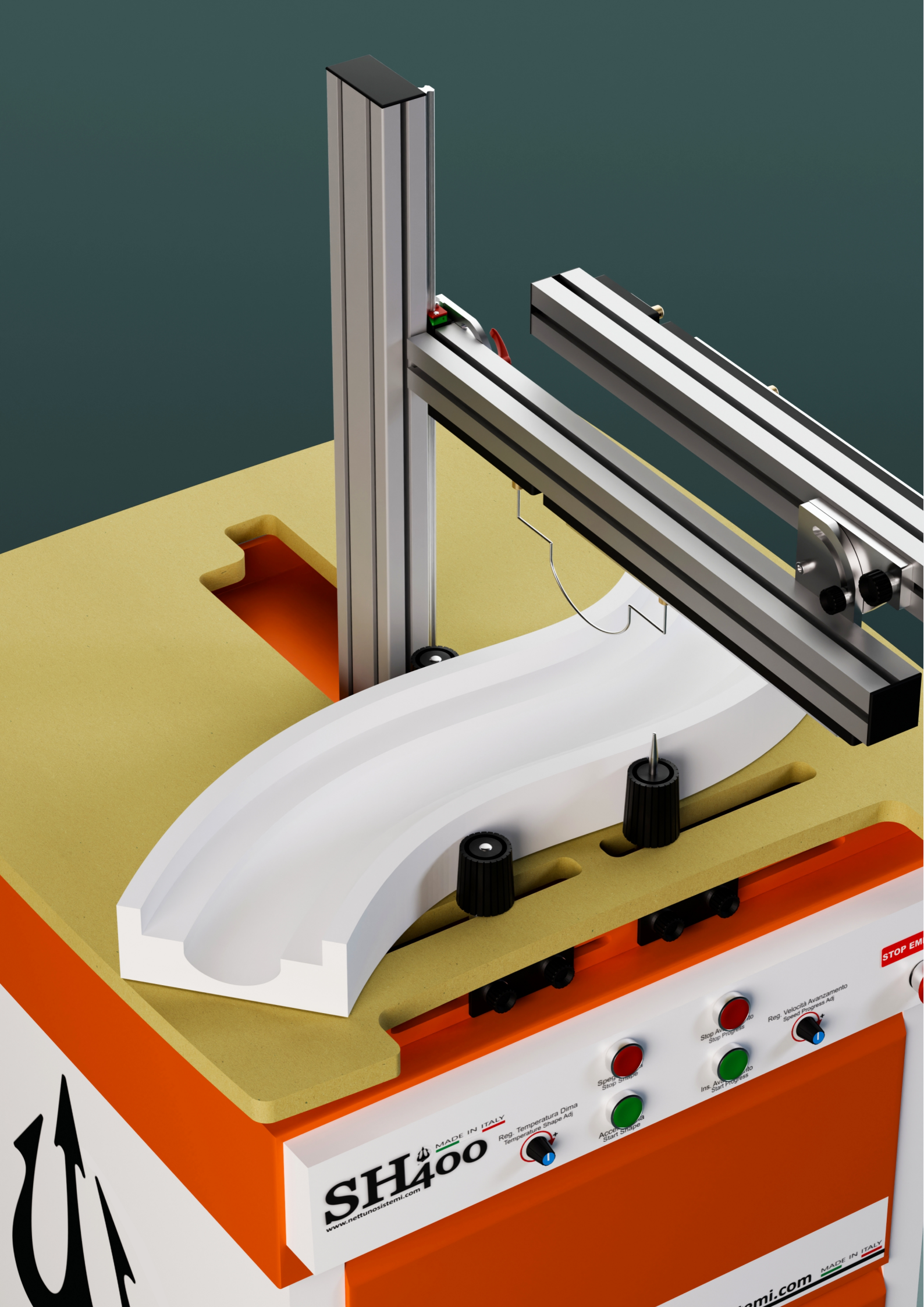
Ergonomic design that does not compromise on quality.



Precise.

Sub-millimeter accuracy (± 0.05 mm)

The integrated control panel offers complete and intuitive management of the machine, featuring start and stop buttons and an emergency button switch to ensure maximum operator safety. The adjustable wire speed and temperature allow each process to be tailored to specific production needs. Compact yet sturdy, the structure is made of powder-coated steel and anodized aluminum, ensuring long-lasting strength and durability. The X-Y axis transmission runs on ball recirculation guides, guaranteeing smooth and accurate movement. The machine is also equipped with two integrated sliding drawers, ideal for keeping tools and accessories within easy reach. With its compact footprint, it combines functionality and practicality in minimal space.



SH400
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MADE IN ITALY

Reg. Temperatura Dima
Temperature Shape Adj

Accensione
Start Shape

Stop Avanzamento
Stop Progress

Reg. Velocità Avanzamento
Speed Progress Adj

STOP EMERGENCY

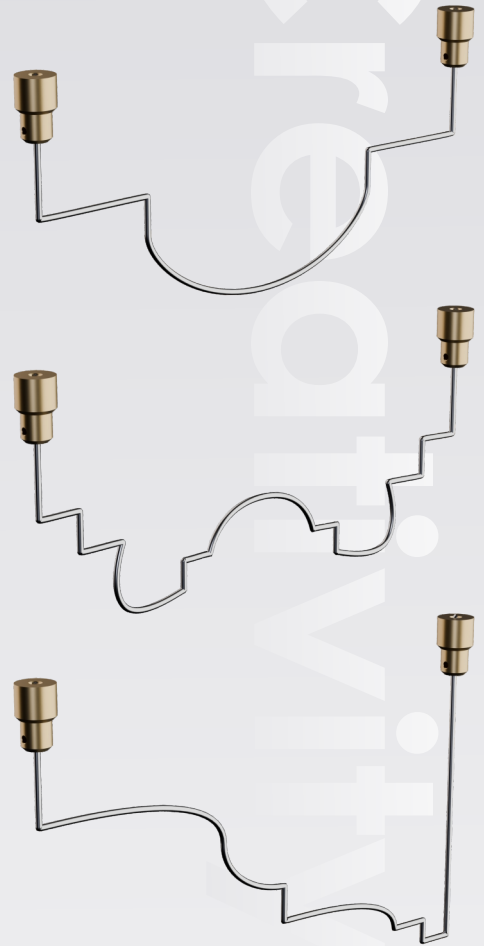
www.nettunosistemi.com MADE IN ITALY

Simple. Intuitive.

The SH 400 uses a manually shapeable wire, which can be positioned at the desired distance along the arm to create a wide range of architectural elements such as frames, cornices, capitals, architraves, and friezes.

Changing or shaping the hot wire is quick and easy: the operation can be completed in just a few steps, without special tools or long downtime.

The wire can be bent by hand to create custom shapes — smooth lines, sharp angles, or complex profiles — simply by replacing and shaping it directly on the arm.



The wire that shapes your ideas.

This flexibility allows for the creation of unique and detailed shapes, maintaining the same precision and continuity of movement that characterizes the SH 400.

Each wire configuration guarantees different and specific results:

Straight cut – Curved cut – Complex shaped cut

The ability to manually shape the wire turns the SH 400 into a creative and versatile machine: it doesn't just cut, it shapes ideas, combining craftsmanship and technological precision in a single compact machine.



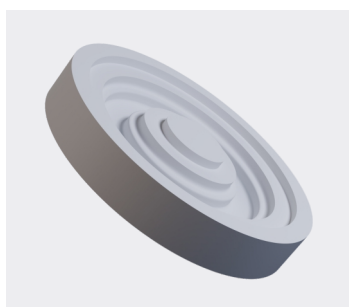
Vertical turntable.

The vertical lathe expands the capabilities of the SH 400, allowing 360° shaping of EPS blocks or cylinders with outstanding precision.

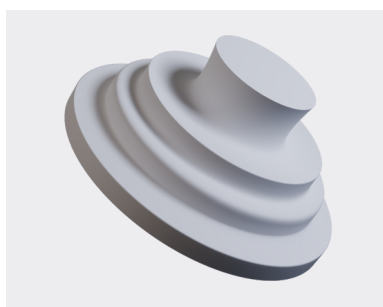
Engineered to create complex elements, it works from all angles, ensuring smooth surfaces and fine details even in the most intricate designs.

The system enables the production of columns, bases, capitals, moldings, and decorative profiles with consistently high-quality results. The workpiece is mounted on a rotating support for maximum stability, while the hot-wire cutter operates in perfect sync to sculpt the material seamlessly.

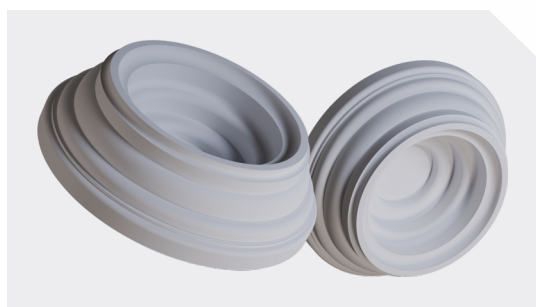
Manual wire adjustment, combined with speed control for both rotation and feed, allows full adaptability to different sizes and project complexities.



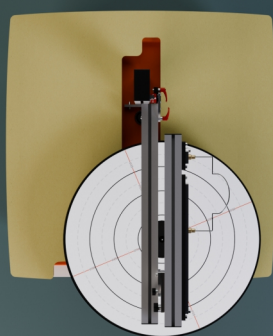
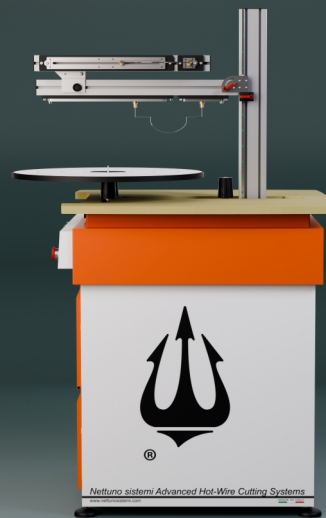
Hollowed cornices.



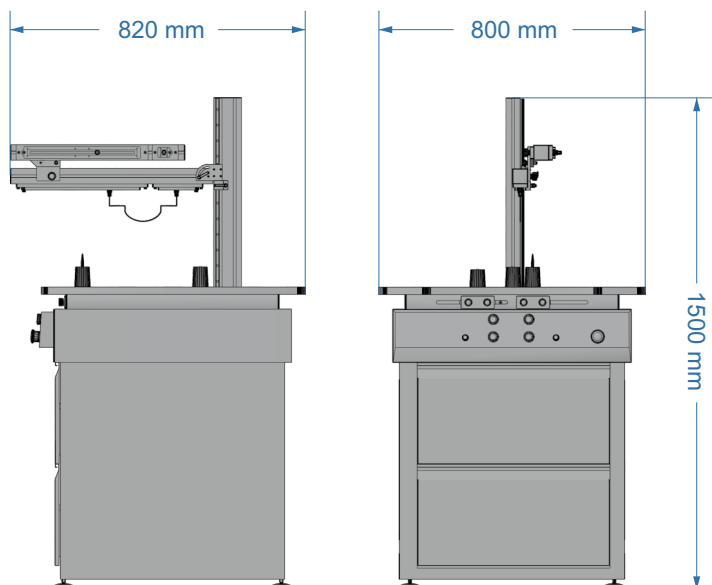
Shaped cornices.



Hollowed and shaped cornices.



Overall dimensions:



Structure: Powder-coated steel and anodised aluminium profiles

Feed speed potentiometer: Integrated

Movement accuracy: +/- 0.05 mm

Cutting wire diameter $\varnothing$: 1 – 2,5 mm

Type of cutting wire: Shapeable Nickel-Chrome wire/foil

Power supply: 220/230V 50/60Hz

Single wire absorption: 0,5 kW

Wire temperature regulation: External potentiometer

Motors: Stepper

Number of axes: 1

X-Y axes transmission: Recirculating ball bearing guides

Table top: 800 x 800 mm in HDF

Table top height above the floor: 900 mm

Weight: 100 kg

Maximum wire length: 500 mm

Cornices: Width 600 mm | Height 800 mm

Minimum internal radius: 130 mm

Vertical turntable: Optional

Your vision, powered by our systems.

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