



## Zeus



**HELIOS**

Zeus is a 3 controlled axes work centre with the optional of fourth and fifth axes, ideal for profiling, milling, drilling, typing, sculpturing, and turning. This model is available in two versions: "Standard" and "PLUS" (with a bridge passing of mm. 735, allowing to work massive blocks).

Axes are moved by Brushless motors, ball screws and prismatic ball guides guarantee the precision in moving. The machine is stainless steel lined throughout in order to ensure maximum structure life. The working table, made up of ground aluminium, is available either in the traditional staved version, in order to simplify the clamping of the pieces directly onto the plane, or in the "flat" version, in order to quicken the placement of the "double vacuum" suction cups.

The tool store is placed on the back side, in order to make maximum use of the working area. The 12,5 HP ISO 40 electro-spindle guarantees the maximum efficiency even in difficult working conditions.

## Typologies of working



Lettering



Engraving



Sculpturing



Frames



Inlaying works



Pictures' scratching



Columns



Capitals



Statues



Tops



Drain boards



Portals



Bathtubs



Decorative pieces



Fireplaces

## Technical features

(1) Zeus | (2) Zeus Plus

Working area (mm)	x 3.370 - y 1.910 - z 420 (1) x 3.370 - y 1.910 - z 485 (2)	Cone type	ISO 40
Overall dimensions (mm)	4.600 x 3.300 x 2.500 (1) 4.600 x 3.300 x 2.700 (2)	Spindle rotation speed	0-9000 RPM
Consolle	600 x 600 mm	Max. working speed	30-50 m/min
Power supply	380 Volt + N + GND	Net weight	3.900 Kg (1)   4.200 Kg (2)
Power	16 Kw	Bridge passing	535 mm (1)   735 mm (2)
Compressed air	8 BAR/min	Distance between spindle and working plane	455 mm(1)   655 mm (2)
		Tool changer	Automatic
		Water consumption	40 lt/min.

## Accessories

- Digitizer for the acquisition of 3D images
- Laser for the acquisition of 3D images
- Numeric Control Lathe
- Photograb device
- Fourth axis for a continuous rotation of 360 degrees
- Option for straight cutting with disk and for columns' grinding
- Option for frontal sculptures
- Option for cutting with convex disk (shaped cutting)
- Template Reader
- Mechanical support for the realization of inclined drainers
- "Y" Axis Extra – Travel
- Surface copy device to execute lettering works on the slabs with not uniform thickness and tool calibrate device



# HELIOS

ENGRAVING MILLING AND ROUTING  
CNC WORK CENTRES, TO MEET ALL YOU NEED

### Operative Headquarter

Via Olanda, allacciante H  
Zona Industriale  
66050 San Salvo (CH) - Italy

Tel. 0039 0873 341584  
Fax 0039 0873 545077

### Showroom

Via Sandro Pertini  
Zona Artigianale  
66050 San Salvo (CH) - Italy

[www.heliosautomazioni.com](http://www.heliosautomazioni.com)  
[info@heliosautomazioni.com](mailto:info@heliosautomazioni.com)