



Kompact



The lack of space inside workshops is, for many stone-masons, the most common hindrance to the purchase of a C.N.C. machine which really suits their needs. Once again, "Helios Automazioni" proves to be particularly close to those needs and introduces "Kompact", the new and revolutionary 3, 4 or 5 controlled axes work centre, conceived for all those customers who are willing to obtain the widest range of performances, the utmost accuracy and, at the same time, make maximum use of the space available. Ideal for profiling, milling, drilling, typing, sculpturing, and turning, this innovative C.N.C. machine offers an optimal and surprising ratio between overall dimensions and working area. As in all of the "Helios" machines, the axes are moved by Brushless motors; ball screws and prismatic ball guides guarantee the precision in moving.

The machine is completely lined in anti-corrosion materials in order to ensure maximum structure life. The working plane is of ground aluminium and the tool store is placed on the back side. "Kompact" is available in the double version "Standard" and "Plus", with a 7,5 HP or a 12 HP ISO 40.

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) Kompact | (2) Kompact Plus

Working area (mm)	x 2500 - y 1500 - z 420 (1) x 2500 - y 1500 - z 485 (2)	Cone type	ISO 40
Overall dimensions (mm)	3650 x 2800 x 2500 (1) 3650 x 2800 x 2700 (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	3.500 Kg (1) 3.600 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
- "Y" Axis Extra – Travel
- Surface copy device to execute lettering works on the slabs with not uniform thickness and tool calibrate device



HELIOS

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