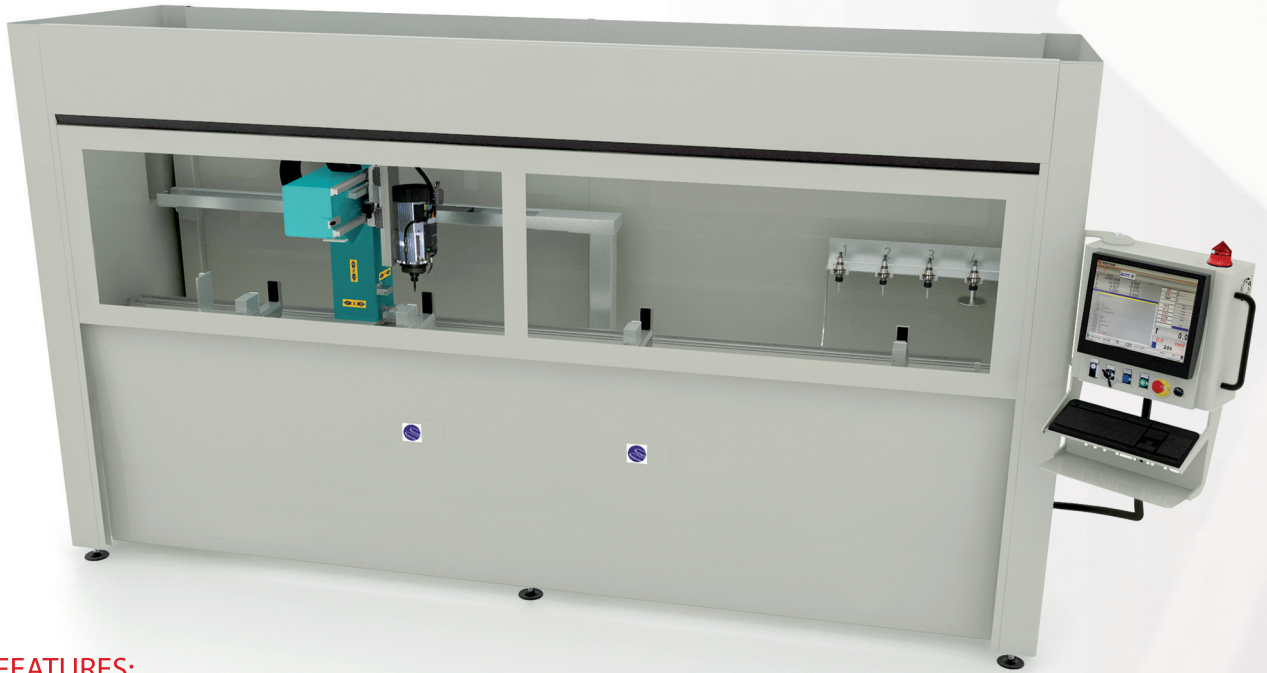


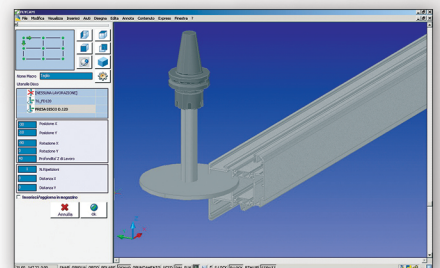
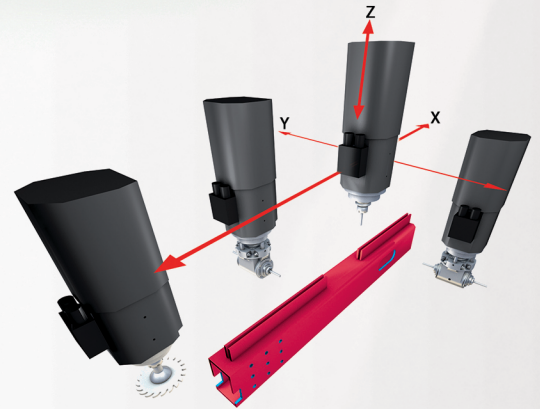
O SERIES 3 AXIS

O series 3 axis machining center with moving gantry, especially designed for milling, drilling, threading and cutting bars or workpieces made of aluminium, PVC, light alloys and steel.



TECHNICAL FEATURES:

- Main structures made of electro-welded steel, normalized and worked with CNC machine tools.
- 3-Axis movement controlled by high-precision brushless servomotors.
- Electric spindle (4 kW in S1), with ISO 30 tool connection suitable for material removal processes during milling and drilling operations.
- Tool magazine holding up to 5 tools, mounted on the base of the machine.
- Clamps manual positioning (automatic positioning optional).
- Maximum workable length 3.3 meters.
- Chips conveyor plate.
- Full safety enclosure.
- Angular head which allows machining operations on the lateral faces of the workpiece without its repositioning.



O SERIES 3 AXIS

Description	O 3 axis 3.3 version	Description	O 3 axis 3.3 version
X AXIS LONGITUDINAL	3450 mm 135.82 in	NUMBER OF STOP REFERENCES STANDARD	1 manual
Y AXIS CROSS	600 mm 23.6 in	VOLTAGE	400 V triphase - 50/60 Hz
Z AXIS VERTICAL	265 mm 10.43 in	SPINDLE MOTOR POWER S1	4 kW (5,5 kW / 7,5 kW optional)
MACHINING OF THE WORKPIECE SIDES	angular head	ADJUSTABLE ELECTRO SPINDLE SPEED	0-18000 rpm (0-24000 rpm optional)
AXIS ACCELERATION	X 1.5 m/sec ² Y 1.5 m/sec ² Z 2 m/sec ²	TOOL HOLDER	ISO 30
AXIS POSITIONING SPEED	X 40 m/min Y 40 m/min Z 15 m/min	SPINDLE COOLING SYSTEM	Electric fan
TOOL MAGAZINE CAPACITY	5 positions	OPERATING PRESSURE	7 bar
MAXIMUM MILLING BLADE DIAMETER	120 mm 4.72 in	TOTAL INSTALLED POWER	6 kW / 8kW
NUMBER OF STANDARD VICES	4	OVERALL DIMENSIONS (LxPxH) mm - WEIGHT kg	4600x1675x2260 mm - 1400 kg
VICES POSITIONING	manual (automatic optional)	OVERALL DIMENSIONS (LxPxH) in - WEIGHT lb	181.1x66x89 in - 3080 lb

MAXIMUM SIZE MACHINABLE WITH VERTICAL TOOL AND ANGULAR HEAD

