Gemma Group

BOLERO 5

5 AXIS CNC CENTRE

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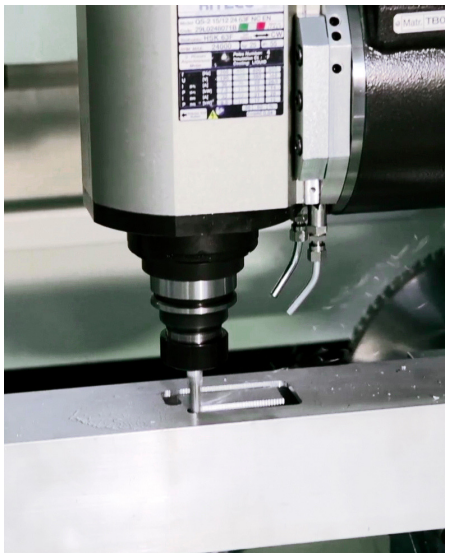

- 5 axis cnc centre able to work on extruded aluminium, light alloys, PVC, iron and steel
- Electrospindle rotation in Axis C on every angle +/-320°, interpolation with Axis A on every angle in +/-135° (bi-rotational head)
- Light curtain system (to allow pendolum mode on 2 fields)
- 8 pneumatic and automatic clamps managed by CN
- Automatic lubrication system for guides
- Microdrop oil system
- Automatic change of the tools at 12 lodging + 1 position for saw blade diam. 500mm
- Dedicated software HICAM 2 with ISOFILE upload fucnction and program execution
- Pc with Windows 10 + wifi + possibility of teleassistance
- Remote control for regulate speed of axis movement and speed of tools

STANDARD EQUIPMENT
15kw Electrospindle HSK63
8 Pneumatic clamps (automatic movement)
Safety protection guard
6x HSK63 cone complete with tools
Air filter

OPTIONALS
Raising stop right side
Double central stop
Motorized clamps instead of automatic
Slim clamps instead of standard
Double clamping system (only for Slim version)
Additional clamps
Bar code reading device
Additional magazine HSK for SAW BLADE 500mm
Tool length measuring device
Angular head with two horizontal spindle
Motorized belt conveyor
3D CAD/CAM Software (HICAM 3 or CAMQUIX)

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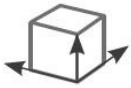
GENERAL SPECIFICATIONS

Axis travel (X):	7000 / 9400 mm
Axis travel (Y):	1300 mm
Axis travel (Z):	670 mm
Electrospindle rotation (A)	+/- 135°
Electrospindle rotation (C)	+/- 320°
Rapid traverse (X):	100 m/1'
Acceleration (X):	46 m/s2
Rapid traverse (Y):	53 m/1'
Acceleration (Y):	1,3 m/s2
Rapid traverse (Z):	33 m/1'
Acceleration (Z):	3,5 m/s2
Electrospindle:	15kw HSK63
Type of spindle cooling:	Water cooling
Max tool length:	160mm
Max tool diameter:	270mm (500mm for saw blade)
Working pressure:	7 bar

	PROFILO: capacità taglio (mm) *PROFILE: cutting capacity (mm)*	
90°	305x305	650x305
45°		



mm	kW	kg	mm
500	15	5400 / 5800	10950x4100x2950

Matr. TB03691
HITECO
Model PX-2 15/12 24 63F NC EN
Code 29L0415565C
Toolholder HSK 63F
RPM MAX 24000
kp 26
p 55
3 Phase Asynchronous Motor
Poles Number 4
Insulation Cl. F
Cooling LIQUID

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