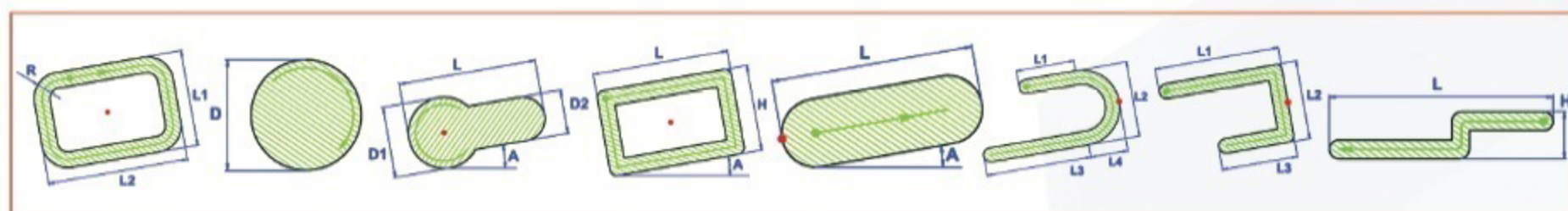


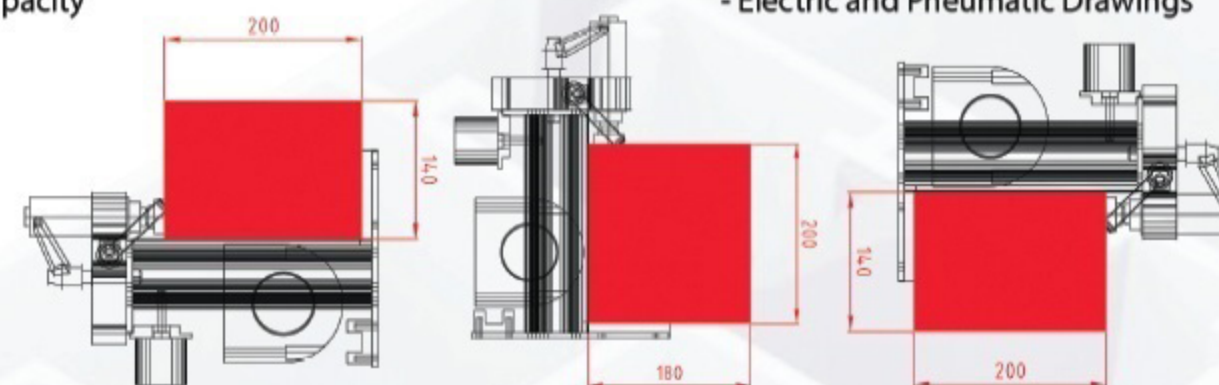
C3S VERTICAL MACHINING CENTER 3 METER

The C3S is a numerically controlled vertical router for Aluminum, PVC, Fiberglass and steel capable of working on 3 sides of the profile. Pneumatic tilting working table: +90°/0°/-90°, intermediate angles are obtained by mechanical stops. Spindle speed adjustment from 3000 to 15000 rpm is controlled by a frequency inverter. Numerically Controlled positioning of X and Y. Axis X, Y and Z movements utilize brushless motors. The unit comes complete with 4 pneumatic double acting clamps for material fixturing. Software compensated tool diameter correction. Left and right profile zero stops. Milling dimensions: X= 3000 mm Y= 150mm Z= 150mm. Perimeter protection for safety, optional. TS7005 TouchScreen control allows for remote assistance and importation of DXF files for ease of programming.



COMPONENTS SUPPLIED:

- N. 1 Electrospindle 4,5 Kw (6 Hsp)- 0/15000 rpm
- N.4 Manual Positioning Clamps (supplied with the C3S)
- N.1 Oil Sprayer Lubrication on the Electrospindle
- Single Zone Working
- Fast & Easy Changing ISO 30 Tool System
- Manual Slides Greasing
- Cooling System by Electric Fan
- Numerical Control
- Touch Screen
- PC with Monitor
- Hard Disk 80 Gb capacity
- USB Ports
- Keyboard
- Serial and Parallel Interfaces for Online Connection, Barcode Scanner, Modem and Label Printer
- Operator Console on the Machine
- Air Gun and Spiral Plastic Pipe
- Service Spanner for Tool Holders
- Machine Documentation/ Manuals
 - CE Certificate
 - User and Maintenance Manual
 - CNC Manual
 - Operator Manual
 - Electric and Pneumatic Drawings



Technical Data	C3		
Axis X	2600 mm (102 in.)	Number of Stops Reference	2 manual (pneumatic optional)
Speed	20m/min (65 ft/min.)	Clamps	4 manual
Axis Y	316 mm (12.44 in.)	Automatic Clamp	Pneumatic by carriage
Axis Z	240 mm (9.44 in.)	Positioner	
Axis I	180°	Power and Independent Clamps (optional)	CNC Controlled
Spindle Motor			
Speed	18000 RPM	Cooling System	Electric fan
Power	4,5 Kw (6.3 Hsp)	Tool Lubrication	1 on the spindle
Number of Tools	7	Tank Capacity	5 Litres (1.3 Gal.)
Tool Holder	ISO 30	Operating Pressure	7 bar (100 psi)
Dimension		Compressed Air Consumption	22 l/min (.78 cfm)
Length	± 3220 mm (126 in.)	Max. current drawn @ 400V	8 Kw
Width	± 1650 mm (65 in.)	Amperage	16 A
Height	± 1800 mm (71 in.)	Bearing Lubrication	Manual
A axe Rotation	-90°/0°/-90° Pneumatic	Machinable Max Size with working plane at 0°	150 x 150 x 2600mm (6x6x102 in.)
Max Speed Axis	X=25m/min, Y 25m/min, Z 15m/min	Work piece size on 3 faces	100 x 150 x 2600mm (4x5x102 in.)
Rotation Speed	81 ft/min 81 ft/min 48 ft/min		
Max Milling Tool Diameter	120mm (4.7 in.)		

Ingombro Overall dimensions - Abmessungen - Dimensiones - Dimensões - Encombrement			Peso Weight - Gewicht - Poids	
L	W	H		
4600	1910	1790	Kg 1050	