

Applications



CNC machining centres

TC 1000

INTOREX
woodworking
machinery

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TC 1000

CNC machining centre of 4 interpolated axes. As standard the TC is fitted with an automatic frontal hopper feed loader that deliver the blank between the headstock and tailstock where it is clamped. It is equipped with a milling head for shaping, an horizontal and vertical router head for drilling either milling and a flat belt sanding unit, all of which are controlled through the CN.

It is very simple to set up and can be used for small batch production or high volume machining. The quality / detail of the finished component is excellent, keeping in mind that thanks to the sanding unit a finished component can be produced.

Leading the innovation

TC-1000 is a very focused machine to produce a wide range of different designs, shaped furniture and joinery parts such as chair, table and sofa legs and many other types of standard or complex parts.

Economic manufacturing through elimination of repeated set-ups with the best surface quality through integration of sanding process.

Equipment



Standard machine: frontal hopper feed loader, horizontal router head, vertical (tilt) router head, shaping and sanding unit.



Detail of machining two sofa legs at the same time with straight vertical router head.



Detail of machining two sofa legs at the same time with tilted vertical router head.



Optional equipment: Transfer exit belt to eject the finished parts.

Technical specifications

Max. Length to be mechanized	1000 mm
Automatic feeding up to	Sq.100 mm
Manual feeding up to	Sq.130 mm
Total axes	4
Axes stroke	
X axis	1700 mm
Y axis	320 mm
Z axis	250 mm
A axis	∞
Headstock (A axis)	3 kw
Rotation speed	0 - 200 rpm
Shaping head (Y axis, Y3 unit)	7,5 Kw
Rotation speed up to	1000 - 6000 rpm
Sanding head flat (Y axis, Y4 unit)	2,2 KW
Rotation speed	3000 rpm
Horizontal router head (Y axis, Y1 unit)	5,6 KW
Rotation speed	18.000 rpm
Vertical router head (Y Axis, Y2 unit)	2 KW
Rotation speed	18.000 rpm
Total power installed	25 Kw
Weight of the machine	3100 kg
Dimensions	3600x2900x2100(h)mm

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