

Applications



CNC machining centres

TRO 1300



Address
Tallers, 21
Pol. Ind. Mas Les Vinyes
08570 Torelló
Barcelona
Spain

Contact
T +34 93 858 44 53
itx@intorex.com
www.intorex.com



TRO 1300

TRO-1300, is a 12 axes CNC wood lathe machining and sanding center capable to generate turnings with the speed and accuracy of knife cutting yet enhanced by a multi-axis sanding and milling system like no other.

As standard the TRO is fitted with an automatic hopper feed loader that delivers the blank between the headstock and tailstock where it is clamped.

It is equipped with three CNC copiers for turning and two CNC copiers for sanding turned parts.

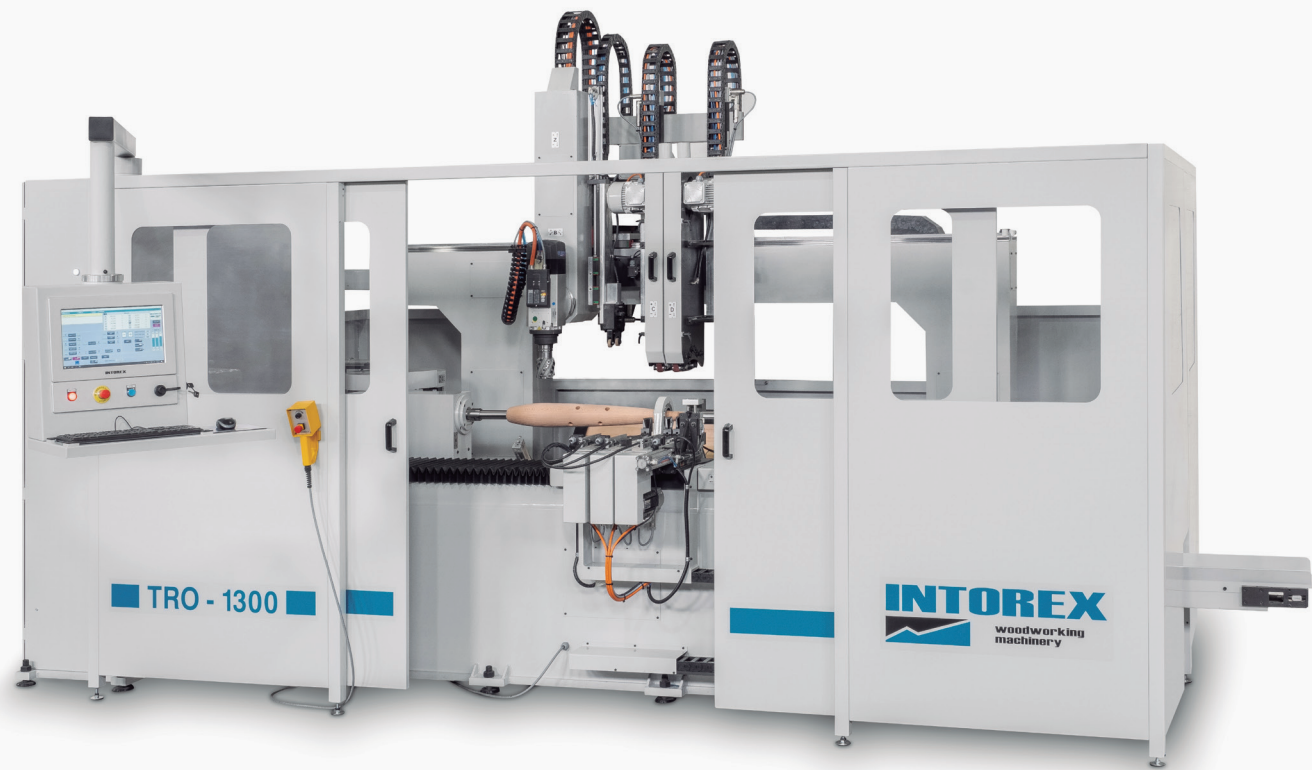
60% more output thanks of efficient process integration of turning, sanding and drilling in one set up.

In additional the TRO has an independent router head with an 8 tool changer. This can be used for additional drilling, milling and shaping operations.

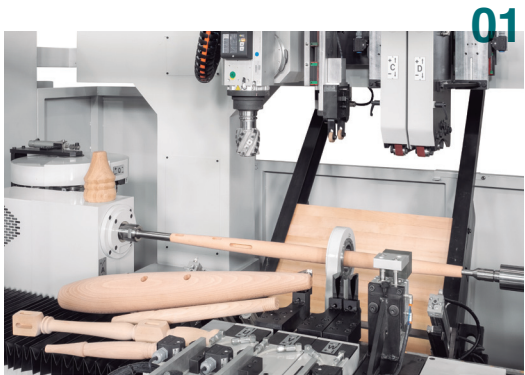
Integrated turn-mill-sand centre at highest level of accuracy and efficiency

Thanks to the sanding facility it is possible to produce a completely finished component that requires no further work or handling. Once the final machining or sanding operation is completed, the component is ejected onto a transfer exit belt.

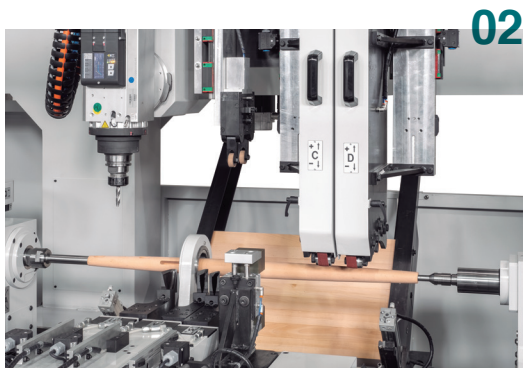
Components such a chair, table and sofa legs, baseball bats, newel posts, stair spindles (with modern contemporary design) can all be produced on this machine.



Equipment



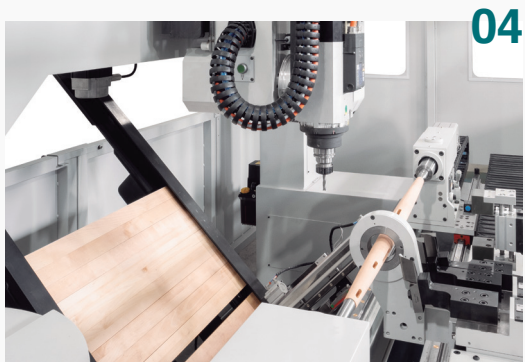
Standard machine with three CNC turning copiers, two CNC sanding copiers and a rotary tool changer of 8 positions.



Two CNC copiers for sanding working simultaneously with the turning process.



Electro-spindle with the rotary tool changer of 8 positions.



Fully automatic rear hopper feed loader capable to load pieces of sq. section 100 mm and 1300 mm long.

Technical specifications

Max. length to be mechanized	1300 mm
Automatic feeding up to	Sq.100 mm
Total axes	12
Axes stroke	
A axis	∞
B axis	+/- 90°
C axis	250 mm
D axis	250 mm
P axis	1800 mm
Q axis	360 °
U axis	150 mm
V axis	150 mm
W axis	150 mm
X axis	2400 rpm
Y axis	450 mm
Z axis	320 mm
Headstock (A axis)	22 kW
Rotation speed	0 - 5000 rpm
Sanding head (C - D axes)	1 kW
Rotation speed	3000 rpm
Rotary head (B axis)	7.5 kW
Rotation speed	22000 rpm
Tool holders	
Type	HSK F63
Type of tool changer	Rotary (8 positions)
Total power installed	40 kW
Weight of the machine	5250 kg
Dimensions	5300x3650x2860(h) mm

INTOREX reserves the right to modify the technical features of its products without prior notice

