

CELASCHI S.p.A.

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Società per Azioni a socio unico
Cap. Soc. € 200.000 i.v.
Cod. Fisc. e Reg. Imprese PC 11934640155
Partita IVA 01170290330



CELASCHI

solutions for windows-doors and parquet

ca. 9.75000.-

No. 1 Double End Tenoner MODUL T1-240

Double sided machine for simultaneous processing (tenoning, squaring, profiling, and sanding) of solid wood elements and panels for furniture, windows, flooring and such. Heavy-duty structure in welded and stress-released steel, dimensioned according to machine-composition and length.

Standard minimum working width 220 mm; (milling heads)
Standard maximum working width 3000 mm; (milling heads)

The movable stand moves along a double ground steel guide, and is automatically lubricated. Transmission of the movement is by means of precision screw and electric motor controlled by electronic inverter. Reading of the position is on digital display (tenth of mm displayed).

Positioning control also possible with remote control board.

Safety relay to prevent movement of the movable side while chain-track is running and to prevent the track from running while the movable side is being positioned.

Two high accuracy transport chain-tracks composed of elements (links) in ball shaped cast-iron, sliding on special self-lubricating resin guides.

The joining pins, in hardened-steel, 16-mm diameter, run on sealed-bearings lubricated for life.

All chain-track components are produced with Cnc machines and individually tested by electronic measurer to verify all machining tolerances.

Slide-away reference-dogs with 400 mm pitch.

Chain-track covering pads are made in high resistance vulcanized rubber on steel support plate.

The steel support plate is 2mm thick and is attached to the top of the chain-link by 4 screws.

The balanced transmission shaft (diameter 80-mm) has a large-size positive key-way and driving sprocket (8-teeth).

The sprockets are hardened in the contact points.

Sliding guides of the chain-tracks, transmission-shaft and guides of the movable stand are all automatically lubricated

Standard feed rates variable by means of electronic inverter, **from 4 to 24 M./min.** The speed is adjustable by means of a graduated potentiometer located on the main control cabinet.

Reference fence is located on the fixed side of the machine with Siko read-out for the horizontal positioning.

The reference fence is adjusted vertically, manual adjustment.

Top pressure beam has powered V-belt, manual vertical positioning (working thickness) and Siko read-out. Pressing action by anti-stain V-belts driven by main drive clutch.



HH MASKINER

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Infeeding and outfeeding steel supports/protections.

The column which holds the working units and saddle-slide supports are made of aged cast-iron with dovetail guides, which have been ground.

Centralized lubrication system for all sliding surfaces of the saddle-slide.

Thanks to the high accuracy of saddle-slide machining the working units can be installed without mechanic locking items.

All standard working units are supplied with 0-90° inclination and inclination readout on graduated decimal scale (angular read-out on request) . Note: standard extraction hoods are supplied either horizontal or vertical, with limited inclination.

Special hoods will be supplied on request for special machining operations.

All standard working units are supplied with decimal Siko read-outs for horizontal and vertical positioning.

Electrical cabinet supplied with standard 3 m connecting cables.

The electrical system is according to European standards EN60204-1. Motor start controlled by remote switches. The electrical cabinet is located at the infeed fixed side of the machine. Upon request, extra wiring can be supplied for a different location.

Protections: the machine is equipped with emergency stops as follows: on front end (both sides of both ends) of the machine, on the main control cabinet, on the pendant and on the infeeding-side of the top pressure beams (thickness safety).

An emergency stop-wire is located at machine-exit.

Standard paint: RAL 7035 (glossy embossed white)

1 - SAFETY and SOUND ENCLOSURE on the machine - CE compliant

Doors with manual opening by gas-springs. Timed control for enabling opening after all motors have stopped. Walls with high density mineral wool coating, fire-proof fire protection class 0 (zero), protected by a glass film coat and perforated sheet iron. Internal light installation with waterproof sealed lamps.

1 - ELECTRONIC CONTROL with touch screen

For the control of:

Movable stand positioning (working width)

Digital axes.

Zero off-set adjustable (Zero is the distance between the chains + the two working lines) and tool calculation

Manual, semiautomatic and automatic functioning.

TOUCH-SCREEN Display (5.7") (keyboard on monitor) with mimic diagram of the machine.

Programs memorization and start, including a.c. axes

Digital interventions and transport speed.

Diagnostic alarms and input PLC - output PLC

POSITION 1-2

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2 - COPE MOTOR

Power 8,1 kw (11 HP)
Rotation speed RpM. : 6000
Spindle Ø 40 mm, length: 123 mm
Max. tool Ø.: 250 mm.
Max. pipe :Ø 140 mm.
Horizontal and vertical manual adjustment
and position display
Inclination adjustment with read-out on angular scale.
Spindle equipped with set of spacer rings.

POSITION 3

1 - "023" BELT SANDING MOTOR FOR FLAT SURFACES

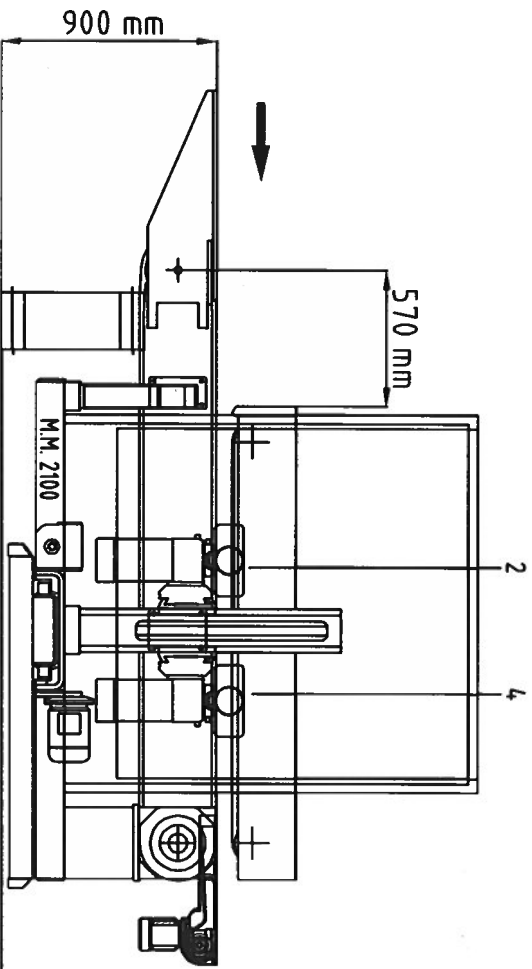
Power : 2,2 KW
Rotation speed RpM. : -1400
Max. pipe :Ø 100 mm.
Belt development 2500 mm. with H=90 mm
Belt oscillation : 60 mm.
Unit inclinable from 0° to +15°.
Complete with micrometric displacement device,
protection and electric equipment

POSITION 4

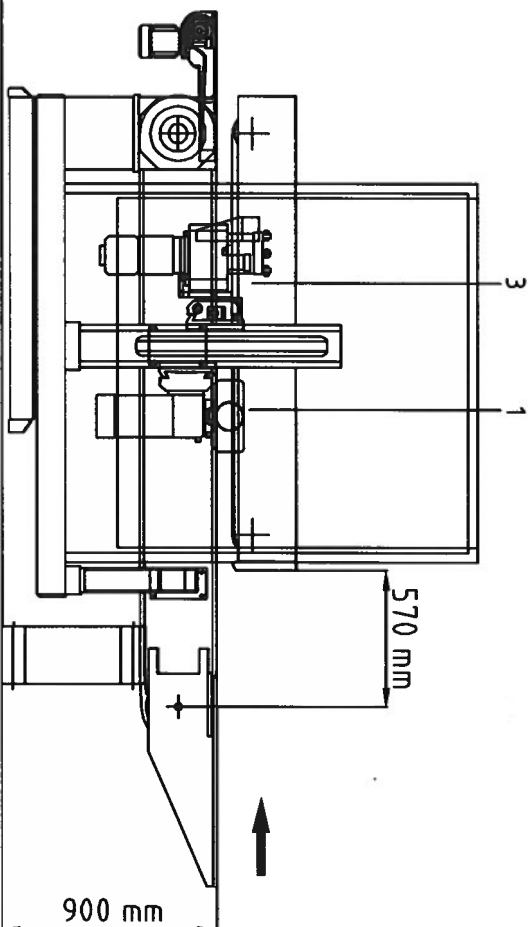
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ALL MOTORS CONTROLLED BY INVERTER



MODUL T1 24.0 Capacity: 3000 mm
 Sliding chain track Width: 90mm / Z=8
 Movable stand



MODUL T1 24.0 Capacity: 3000 mm
 Sliding chain track Width: 90mm / Z=8
 Fixed stand

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|--|---------------|
| NOME E COGNOME _____ CESSIO TRATA DA ASSOCIAÇÃO E INVERT. _____ DATA _____ | |
| PRESSÃO DA COMPRESSA _____ 6 _____ DATA _____ CESSIO DA ASSOCIACAO DE PROPRIETARIOS _____ | |
| NOME DA VITRALIZADORA _____ | |
| CELASCHI GABBIANI | S.G. 10113 |
| Data 26.03.2007 | ANSGAR |

