

SERIES 400 TECHNICAL DETAILS



CEHISA



SERIES 400

MAIN TECHNICAL DETAILS

Min/Max. Thickness of the panel	8-60mm
Min/Max. Thickness of edgebanding	Up to 15 mm
Minimum length of the panel	120 mm
Minimum width of the panel	75 mm
Tooling speed	12.000 RPM
Drag Chain speed	11 (9 –18 OP.) m/mi
Air pressure required	6 – 7 Kg./cm2
Total electric output	5.79 Kw
Dimensions	3434 x 1800 x 1400 mm
Net weight	1020 Kg.



TECHNOLOGIC FEATURES

- HIGH quality standard.
- RELIABILITY of use.
- modern LOOK and FULL and STRONG fairing body.
- HIGH technologic components.
- TOUCH screen with automatic positioning of the groups.
- FLEXIBILITY of use.



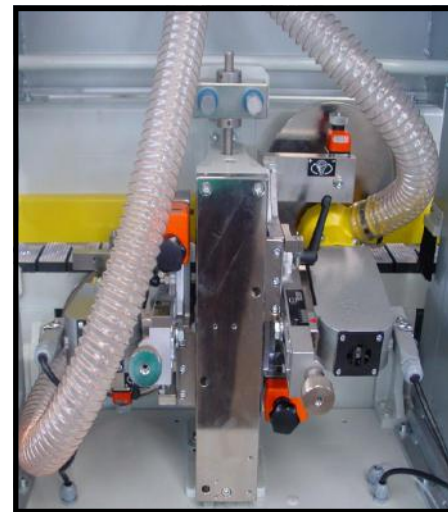
OPERATION GROUPS



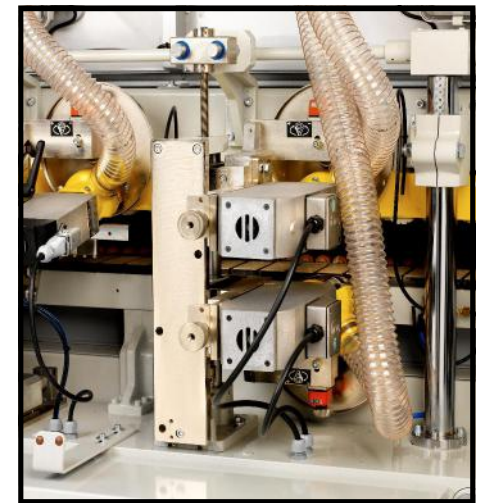
**PRESURE ROLLERS
+
GLUE TANK**



**END TRIMMING
UNIT
V-8**



**TOP AND BOTTOM
TRIM UNIT
L-8 AF**



**TOP AND BOTTOM
TRIM UNIT
L-15**

MACHINE FEATURES

- This machine has got two anchorage for its transport.
- Electrical and Pneumatic connection socket.
- Optimized aspiration system. Chip centralized suction mouth.
- Large hold tray rolls.
- Protection cabin. Full fairing body. Light and strong.
- Solid bench. Stabilized and mechanized steel beam. Based on the result of experience and extensive "know-how" in a unilateral edgebanders hot melt glue technology.
- Internal and lateral mechanized chain guide to improve the resistance of lateral charges.
- Large white rubber pats to improve the adherence of the panels.
- Motorized pressure beam of high rigidity steel with double line of staggered wheels, to ensure an optimal subsection of the panel. Centralized regulation through a handle with numerical indicator. **(OPTIONAL)**
- Large Infeed fence, adjustable with numerical indicator for an optimal rectified of the panel.
- Electrical and pneumatic cabinet, cabling and correctly identified.
- Pneumatic and electronic equipment of leading European brands with CEE regulations.
- Independent Electronic Converters
- High Frequency Motor.
- Self-braking motors
- Electrical system switch with locking device and overload relays for motor protection

COLOUR TOUCH SCREEN (OPTIONAL)

- Colour touch screen of 8 inches **OMRON**.
- Control of all functions of the machine.
- Automatic positioning of the groups
- Options of edition and correction parameters .
- Start&Stop the machine directly from the screen.
- Checking inputs/outputs from PLC.
- Direct connection with the PLC.
- Simple and intuitive use.
- Some different languages included.
- Create, edit and choose programs.
- Memory for 100 different programs.
- Height control of pressure beam with height memory.



Standard control panel



DRAG CHAIN

- Chain forward is composed of rubber-coated roller high grip, mounted on an industrial chain.
- The sliding of the pads is mounted on two guides top and interior tempered and mechanized in hardened steel.
- Slip surface to improve the adherence of the panels.



OPERATING UNITS

FEEDING UNIT:

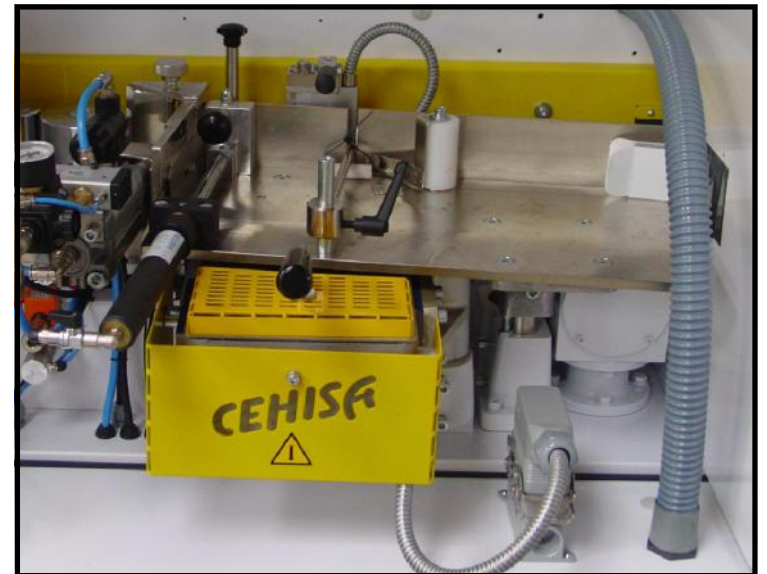
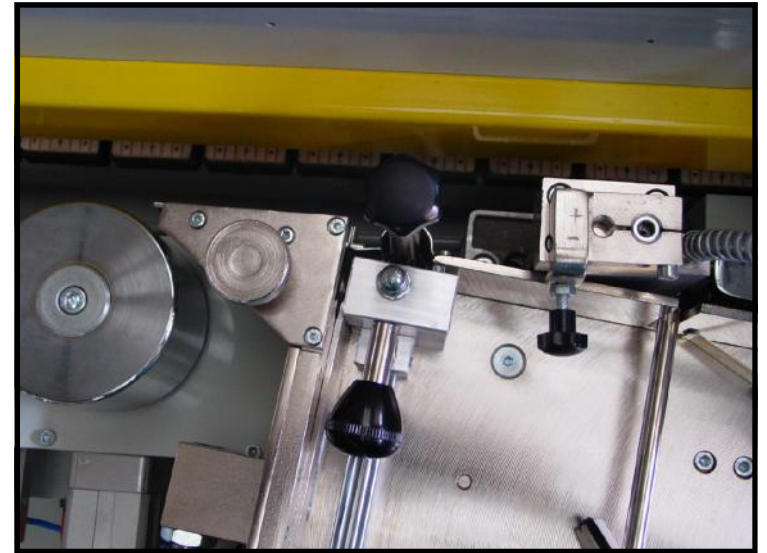
Feeding automatically roll material and pre-cut strips one by one. It is equipped with a P.V.C. cutter up to 3 mm thickness. The output of the edge is controlled by a timer that saves the edging material. It includes a set of driving rollers in each case to achieve a perfect drag of the fed material.

GLUE POT UNIT M-5:

Thermo-fuse gluing unit with a double chamber: one to work normally and another to refill without stopping the machine. Gluing system is by injection in the upper and lower metering roller, equipped with resistance at the bottom and roll dispenser, electronic thermostat and temperature drop on hold to prevent glue scorching, Teflon tray for easy maintenance.

400 Series includes quick melt glue pot as **(OPTIONAL)** equipment.

The quick melt glue tank is equipped with tubular resistances of higher calorific value, considerably reducing the operating time over other series that do not have this option.



OPERATING UNITS

PRESSURE STATION:

Formed by four rollers of which the first is motorized and the last three are free, smaller diameter and conical, positive, negative and neutral. The pressure of the rollers is carried pneumatically to ensure a constant force and pressure over time. The positioning of the base roller to the thickness of the edge is done via digital meter, capable of edge thickness of 0,4 up to 8 mm.

Including the **OPTION 2-position pneumatic**, from the control panel is automatically adjusted to two different edge thicknesses (for example, 0.4 and 2 mm - 0.4 and 3 mm)

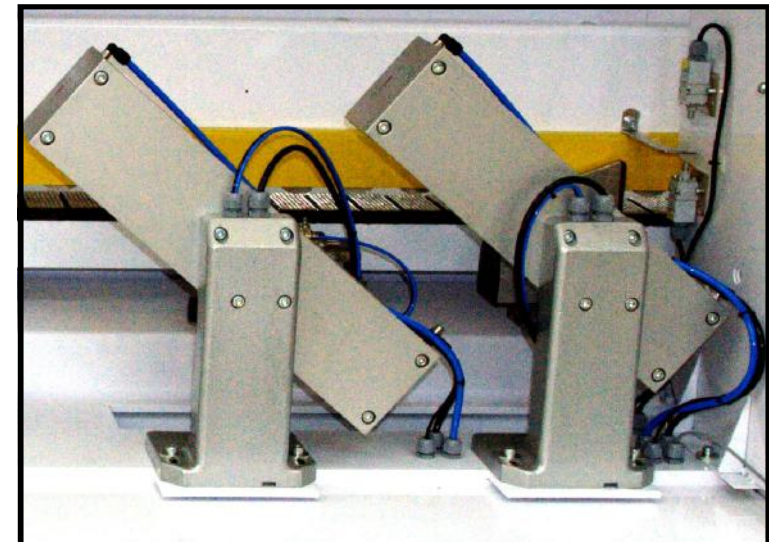
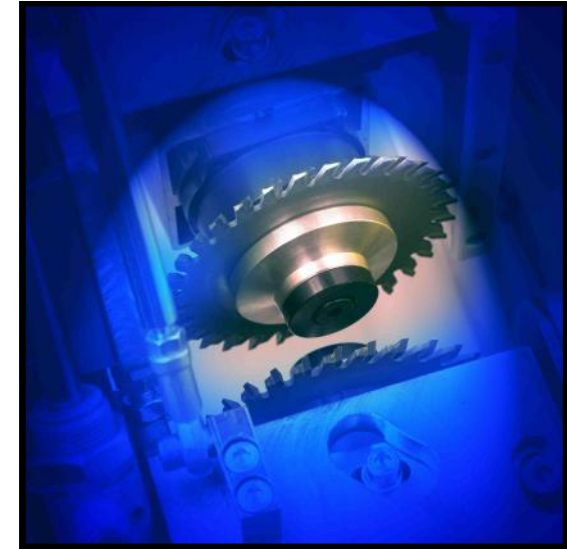
Including the **OPTION 5-position pneumatic**, from the control panel is automatically adjusted to 5 different edge thicknesses (for example, 0.4, 2, 3,4 and 5 mm)



OPERATING UNITS

END TRIM STATION V-8 N

This station consists of two independent high frequency motors that spin at 12,000 rpm and 0.55 kW, making the cut of the excess from the front and rear panel with high reliability thanks to the sliding of the group, through calibrated cylindrical rods and linear ball bearings. The end trim V-8N engines fitted as standard pneumatic tilt (0° - 10°) is controlled from the control panel. **(OPTIONAL)**
Steely saws to ensure good wear resistance.



OPERATING UNITS

TOP&BOTTOM TRIMMING STATION L-8AF

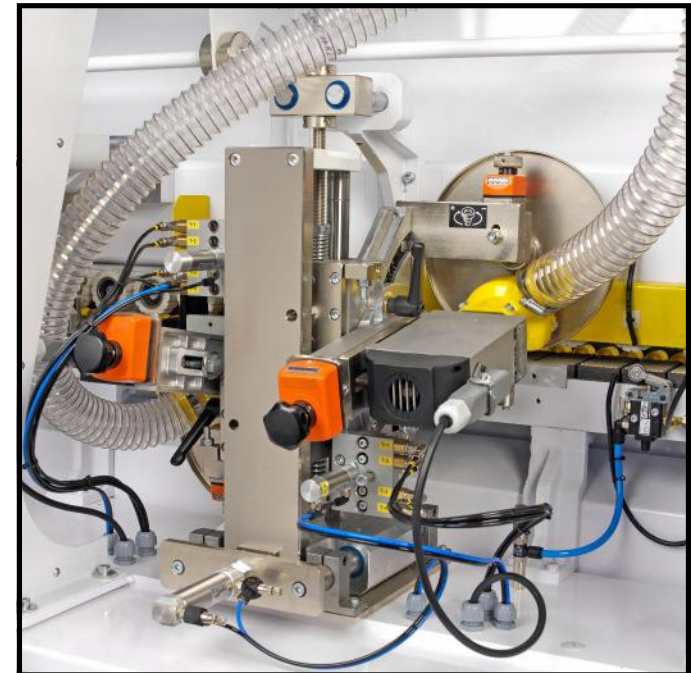
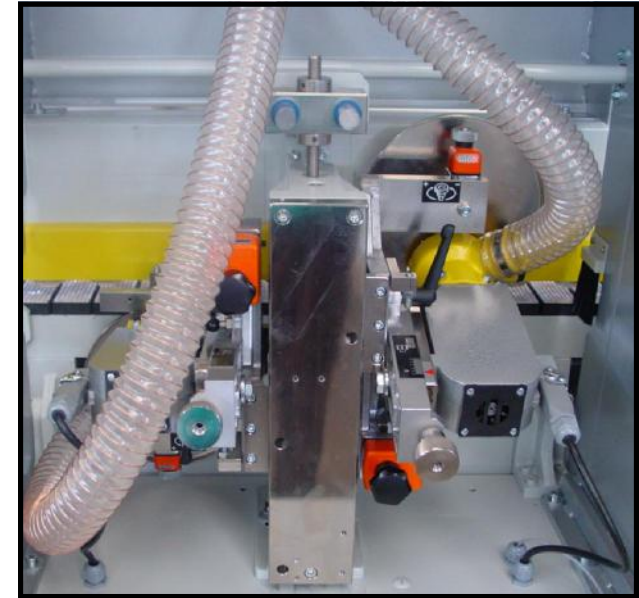
Equipped with two independent high frequency motors of 12,000 rpm and 0.55 Kw. (0.75 Kw **OPTIONAL**)

Each panel performed the edge, over the top and bottom, with vertical and horizontal tracer panel. Equipped with digital counter for a quick and perfect fit. Possibility of engine tilt

(0 ° -20 °). Combined blades mounted to work, indifferently bar and radio.

Including the **OPTION** of 2- pneumatic positions, from the control panel is automatically adjusted to two different edge thicknesses (0.4 and 2 mm or 0.4 and 3 mm)

Including the **OPTION** 5-position pneumatic, from the control panel is automatically adjusted to 5 different edge thicknesses (for example, 0.4, 2, 3,4 and 5 mm)



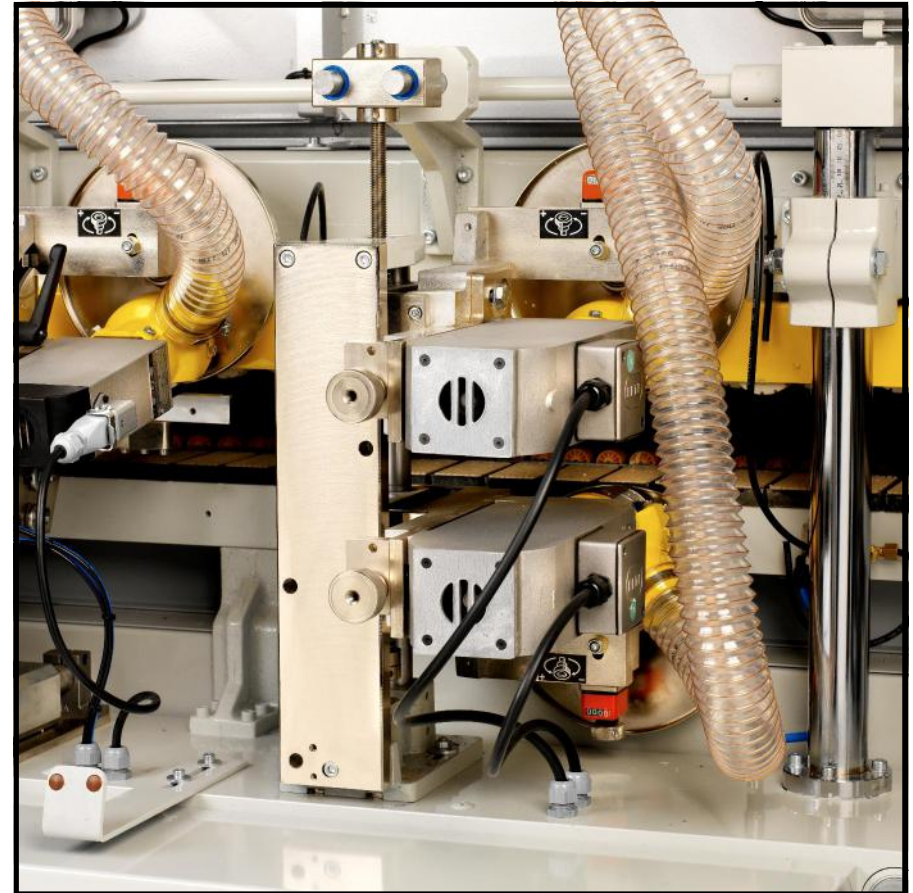
OPERATING UNITS

TOP&BOTTOM TRIMMING STATION L-15AF

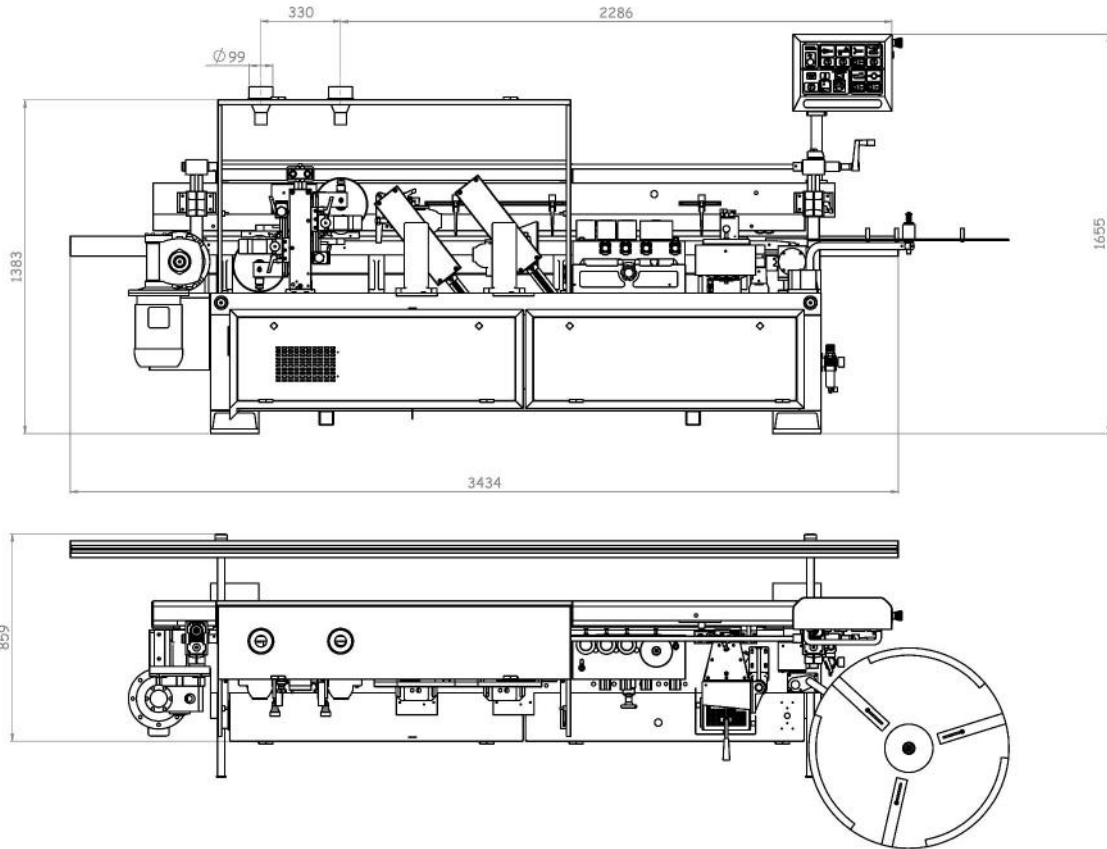
Equipped with two independent high frequency motors of 12,000 rpm and 1.5 Kw..

Each panel performed the edge, over the top and bottom, with big vertical tracer panel. Equipped with digital counter for a quick and perfect fit.

For solidwood up to 15 mm.



LAYOUT



	FECHA	NOMBRE	CEHISA	GRUPO
DIBUJADO	28/3/12	Ernest		
MODIFIC.				
ESCALA	CANTID.	Composición máquina		402 00 00A1M2
1:15				