

# SOFTFORMING

*refine* your ideas

TAILORED SOLUTIONS



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**TAILORED SOLUTIONS**

## TECH SPECS

### EDGEBANDING MATERIAL

Melamine/PVC/ABS/PP/veneer

0,4- 0,6 mm

### PANEL

Thickness, min-max

Length, min-max

Width min-max

8 - 60 mm

120 - unlimited mm

120 - unlimited mm



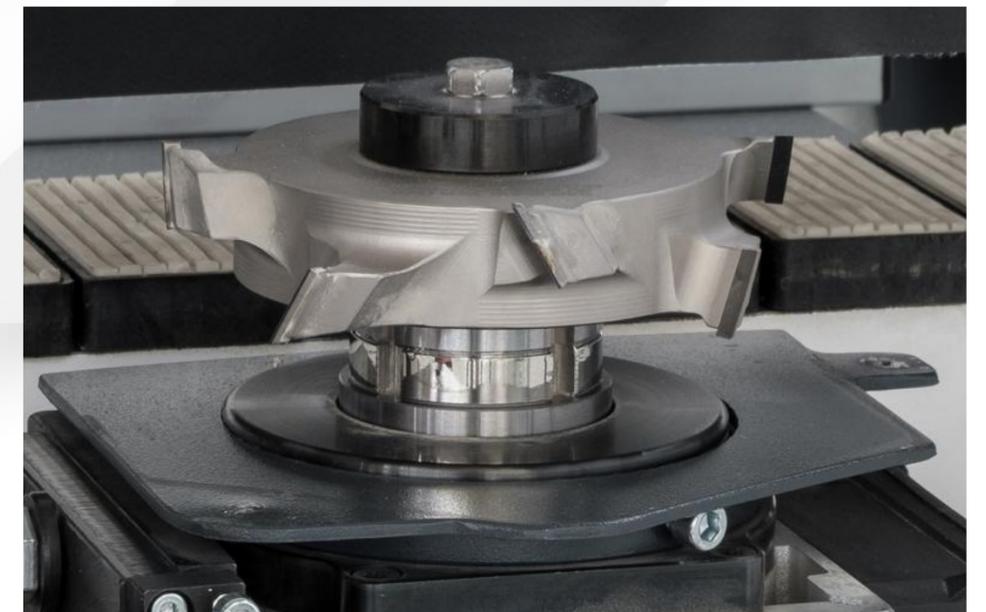
## AVAILABLE WORKING UNITS:

- Roughing pre-milling unit
- Outlining pre-milling unit (more than 1 can be equipped)
- Non-stick agent spray station at entrance
- Infrared lamp for panel pre-heating at entrance
- Double feeding system (1st standard, 2nd with edge grooving unit)
- Standard Eva glue pot
- Glue POT EVA/PUR/PO + Pre-melter
- Antistatic and coolant agent spray
- End trim
- Top rough trimming unit
- T&B trim
- Corner rounding for straight edge banding
- Radius Scraper for straight edge banding
- Glue scraper
- Cleaning agent spray station at exit
- Buffing unit
- Grooving unit

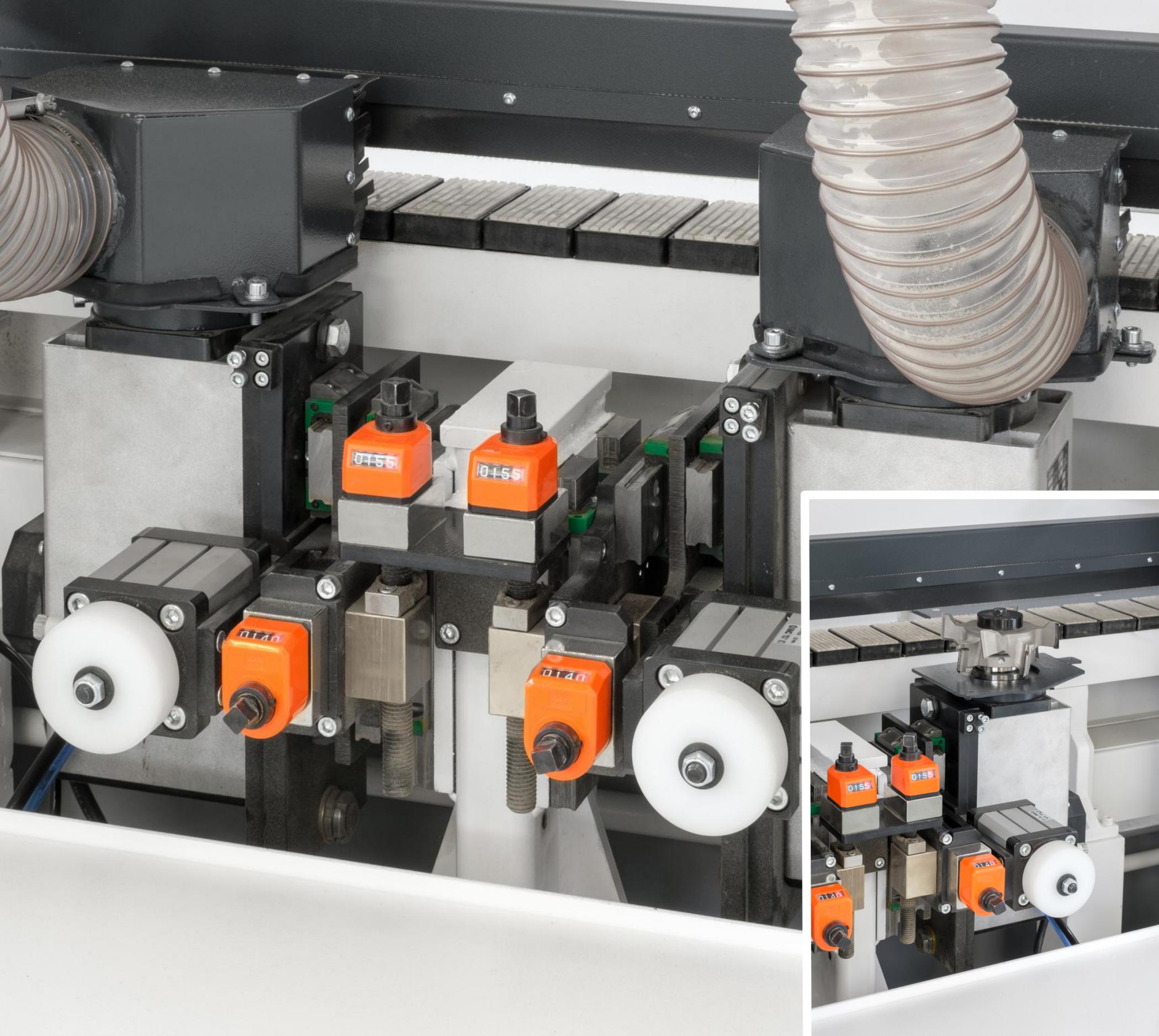


## ROUGHING PRE-MILLING **PV-9**

- Complements the PF-9 station for profiles requiring milling on the top surface of the panel.
- Powered by one 5,1 kW HF motor.



- DIA tooling for the roughing process prior to the outlining



## OUTLINING PRE-MILLING **PF-9**

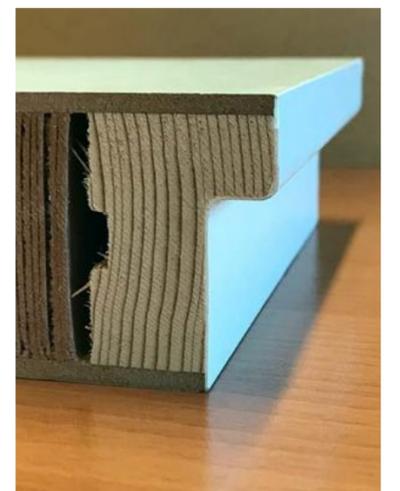
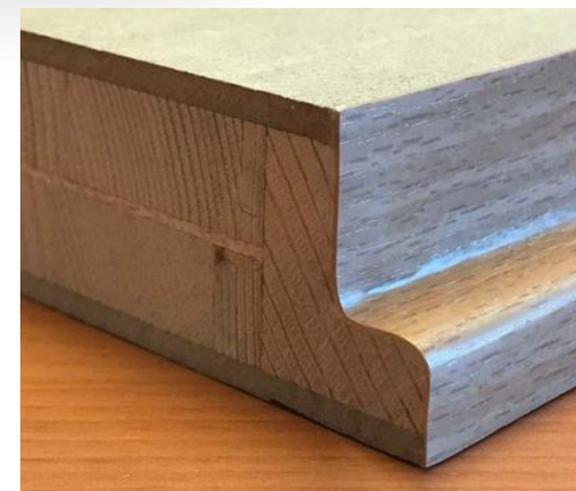
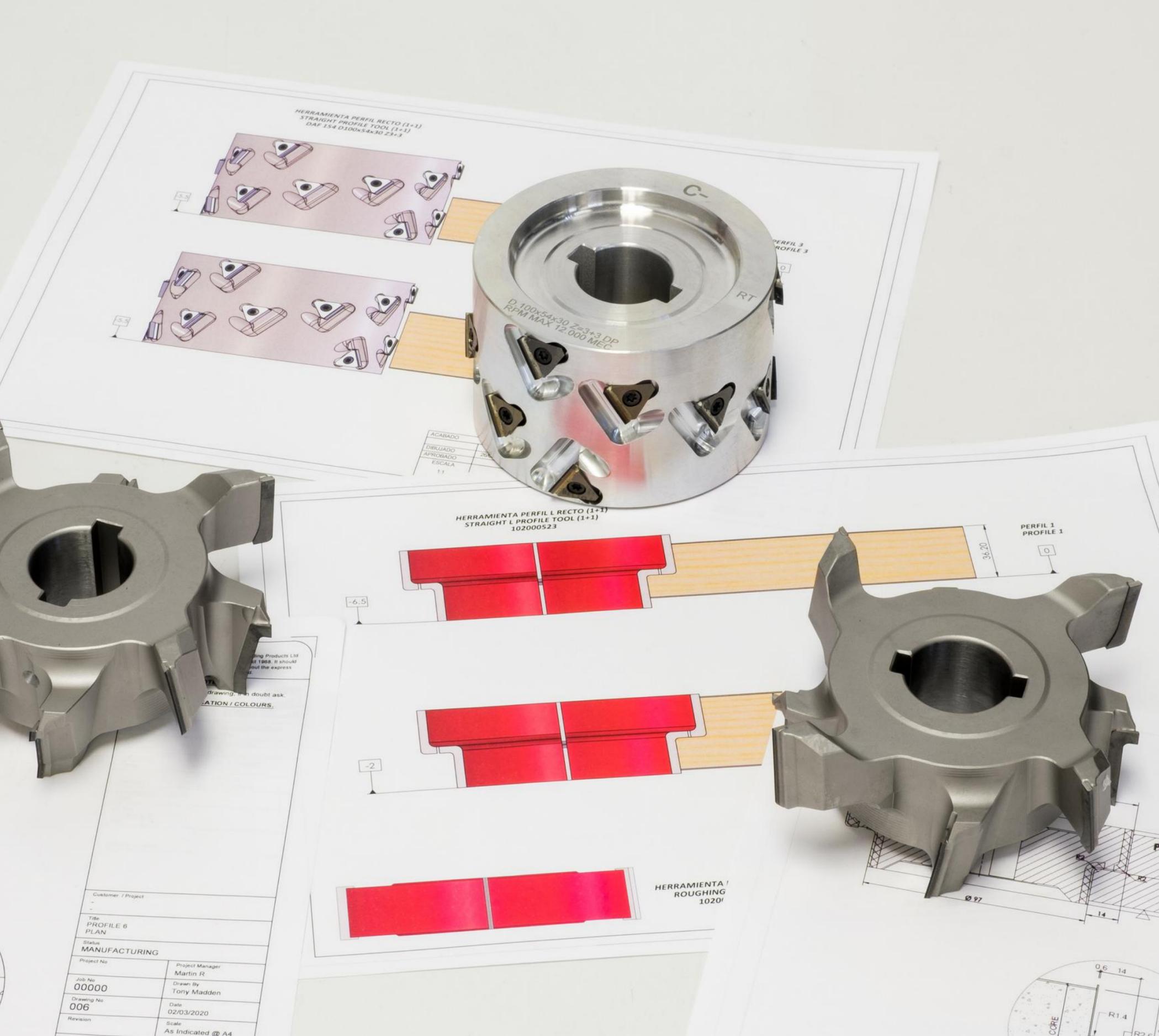
- Powered by 2 HF motors the first one with 2,2 kW rotating CW and the second with 2,2 kW, rotating CCW.



- DIA tooling for the profile outlining

## TAILOR-MADE TOOLING

- Different tooling for each profile, according to its shape



# PIVOTING 10" CONTROL PANEL

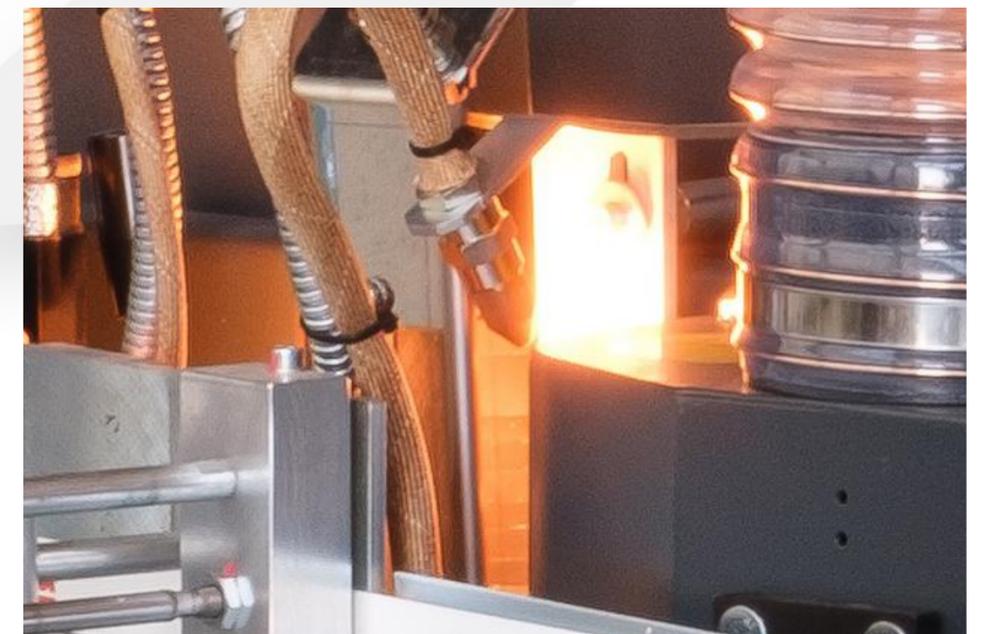
- 10" TFT color touch LCD.
- User friendly control with direct connection to the PLC, providing quick Access and monitoring of all machine functions (start/stop, program editing, parameters check & editing, alarms visualization, PLC I/O diagnostics) in real time.
- Robust 10" TFT colour touch LCD with LED backlighting, multi-language support and 128 Mb of memory for storage of screen data and job programs.





## INFRARED LAMP AT ENTRANCE

- Pre-heating of the panel prior to the application of glue
- Improves adhesion by reducing thermal contrast

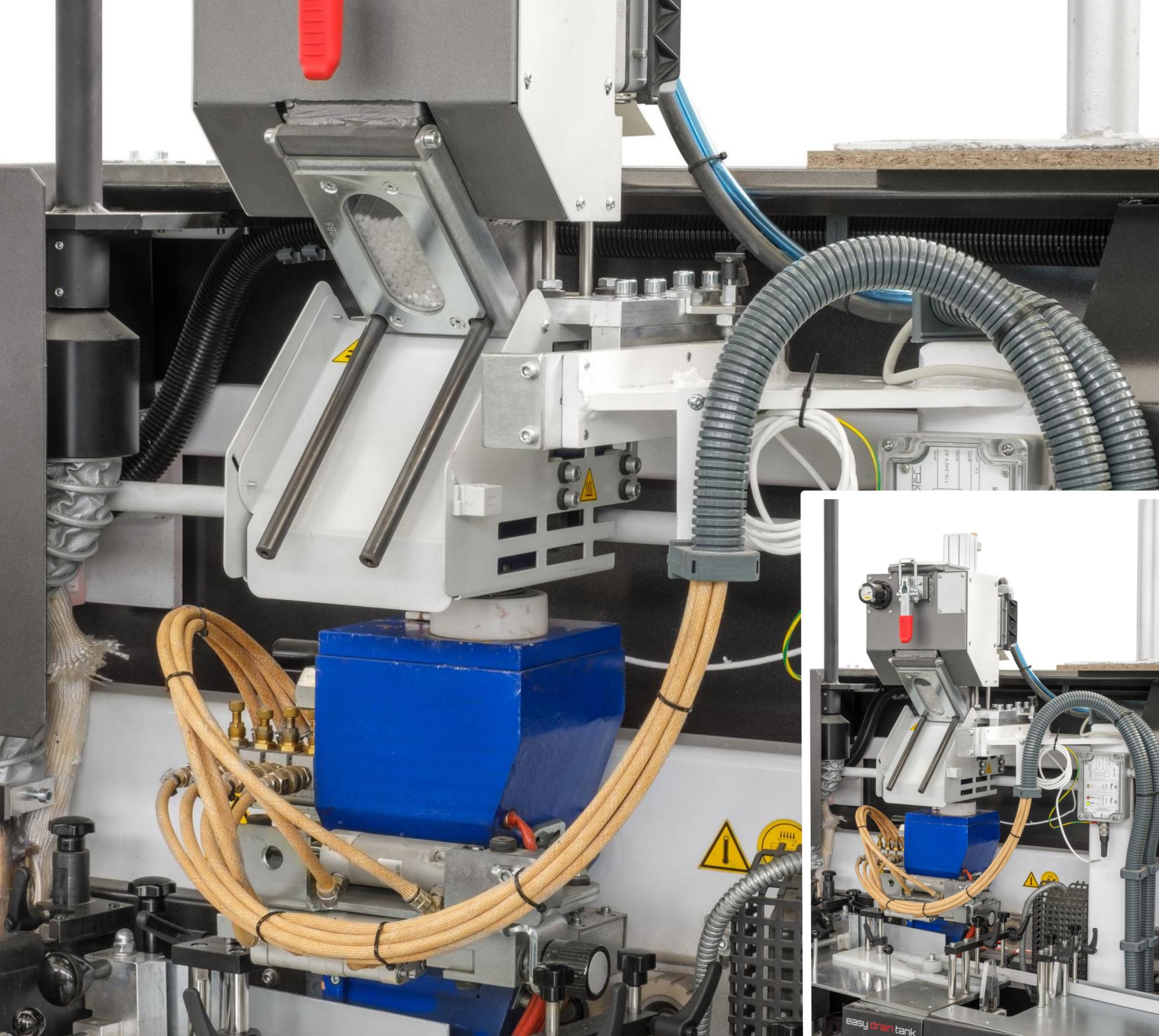




## GLUE POT MS

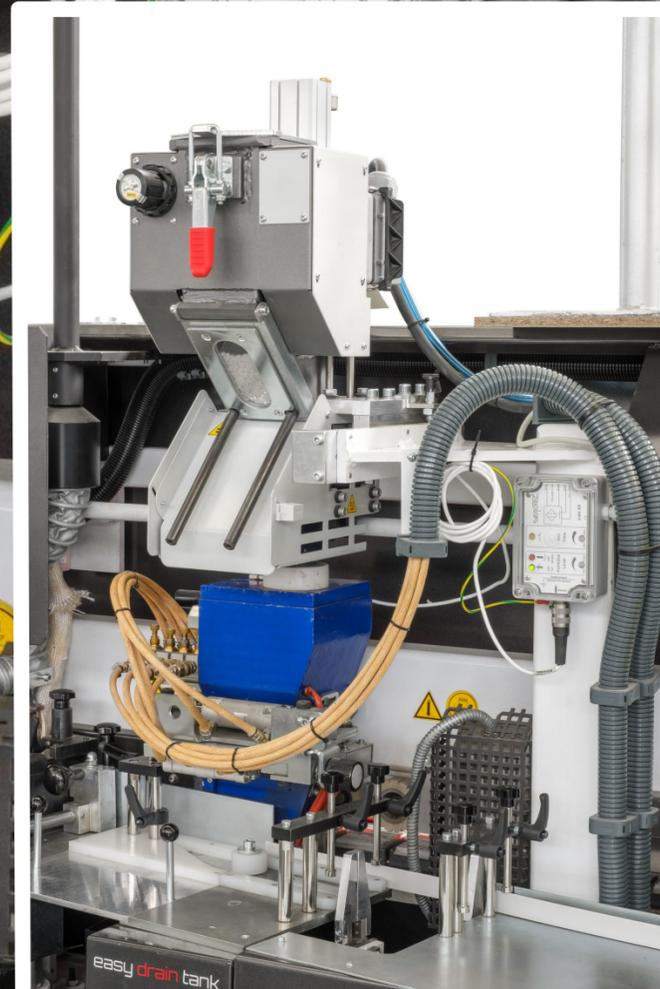
- Glue pot specially designed for applying the glue on the edge band.
- Working temperature controlled by electronic thermostat that automatically switches to waiting temperature when the machine is idle to prevent scorching of the glue.
- Full TEFLON® coating of the whole assembly.



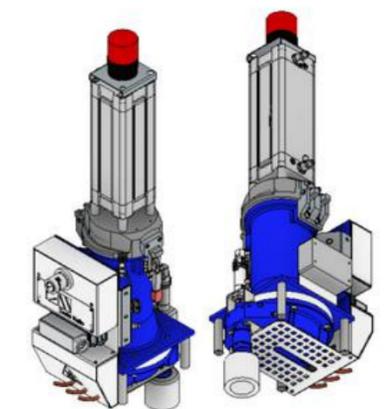


## GLUEPOT M22 EVA/PUR/PO

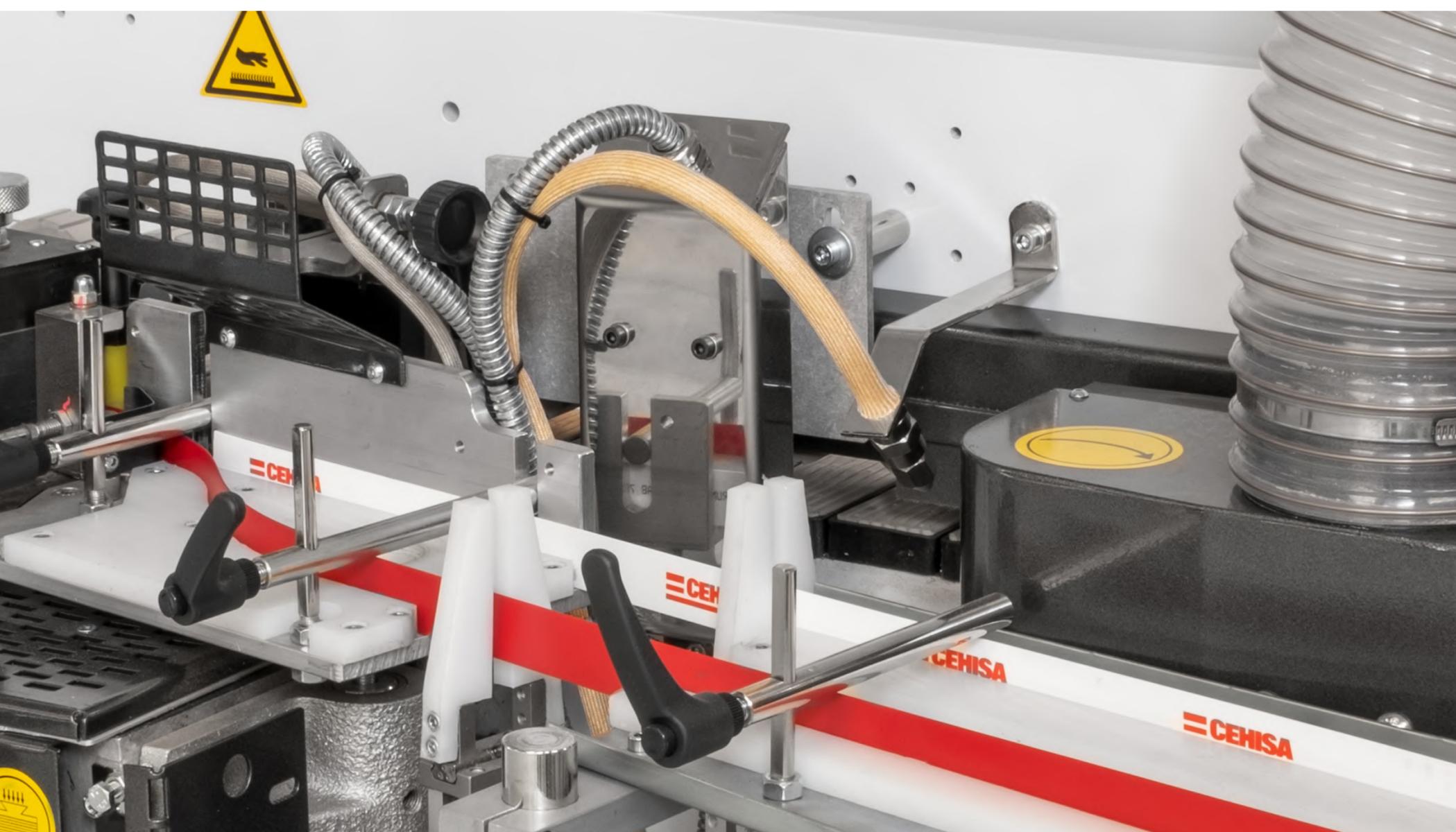
- The gluepot has the ability to work EVA/PUR/PO glues as standard. It is equipped with a pneumatic cleaning system for both the glue pot and the glue roller and also allows an easy and quick change of glue
- **OPTIONAL:** Pre-melter with a load capacity of 1 Kg granulate glue and a working capacity of up to 4kgs per hour. The Pre-melter mixes the EVA/PUR/PO glue at the right time in order to avoid degradation of the glue.
- **OPTIONAL:** New Pre-melter for 2 kg cartridges



1kg Granulate Pre-melter

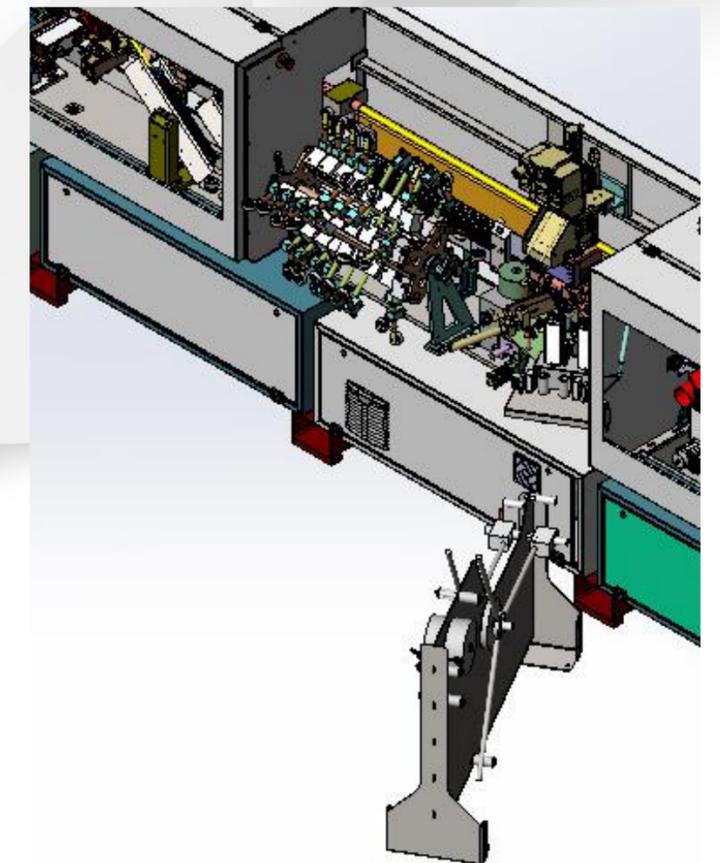


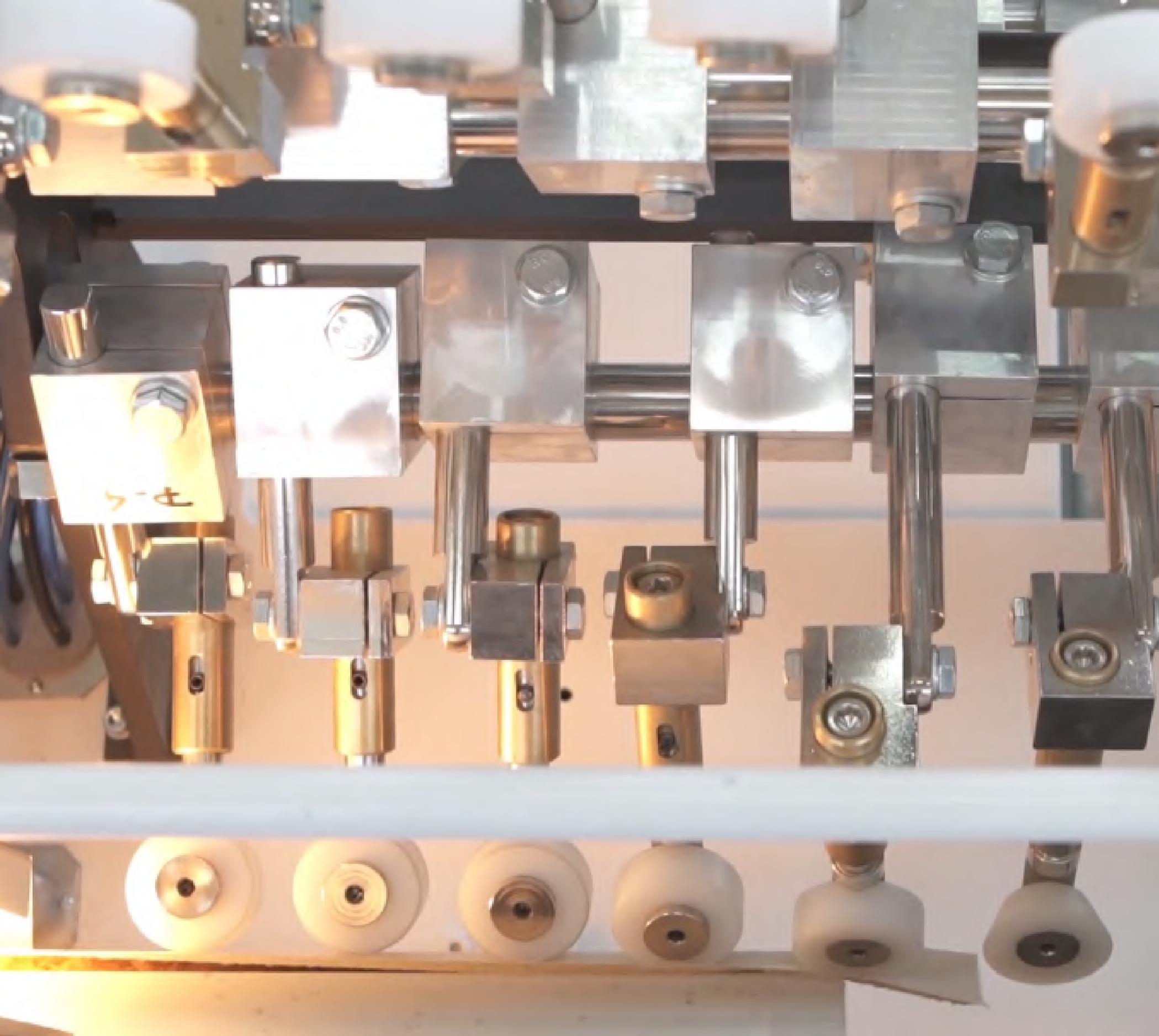
2kg PUR cartridge Pre-melter



## DOUBLE EDGE FEEDING

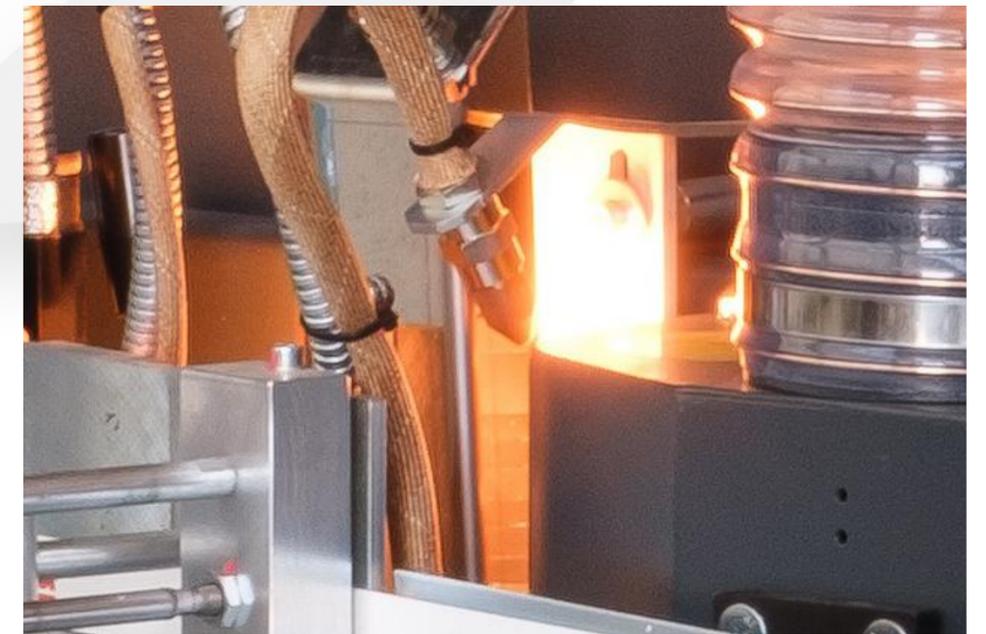
- It allows to load two different types of edges in the feeding zone and to alternate the use between them



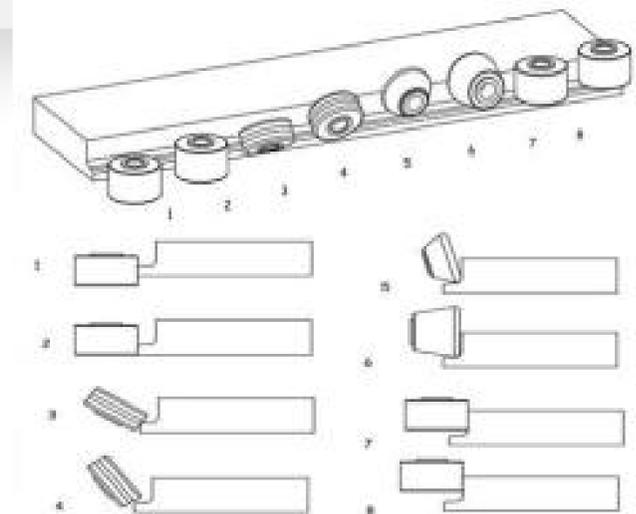
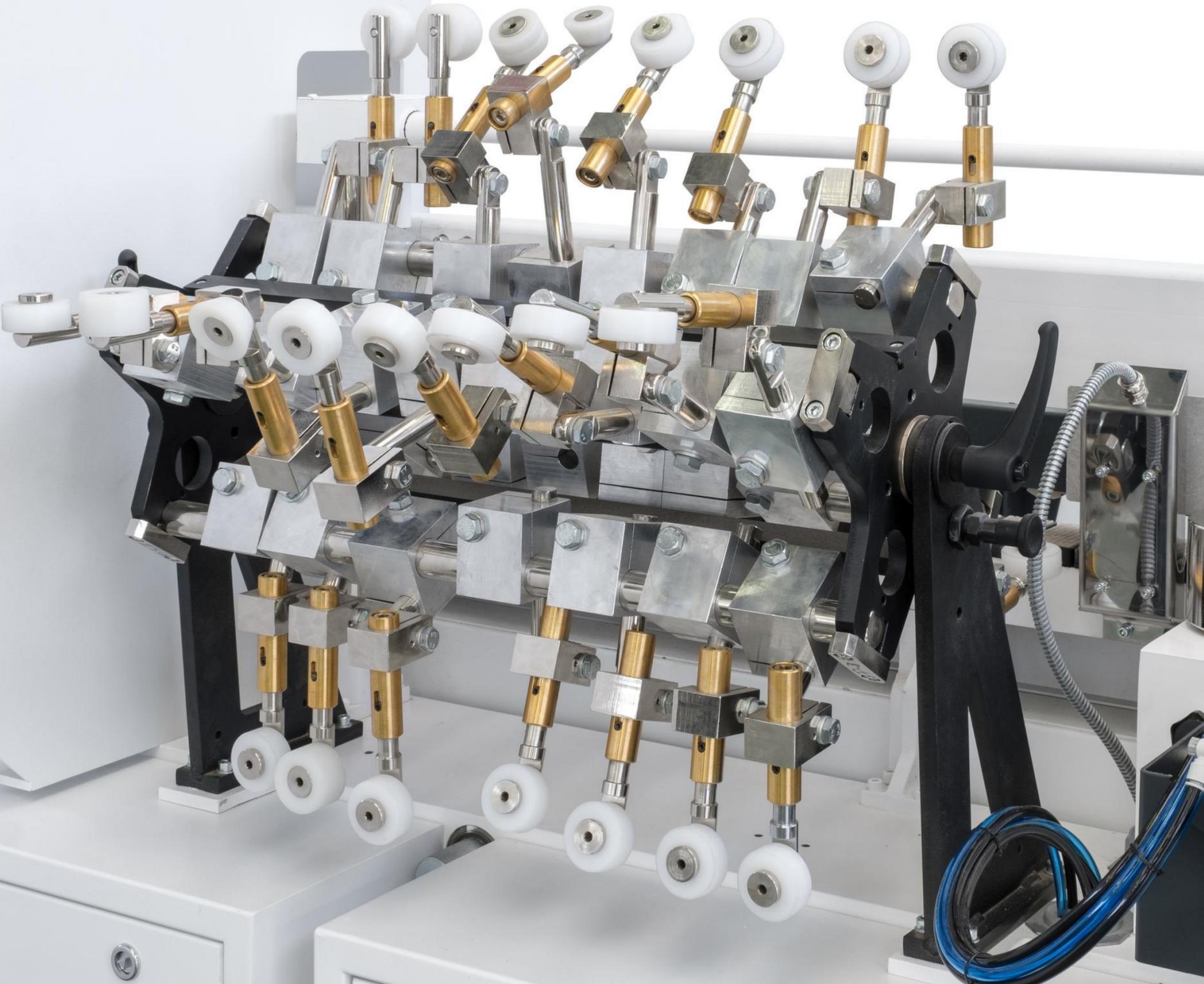


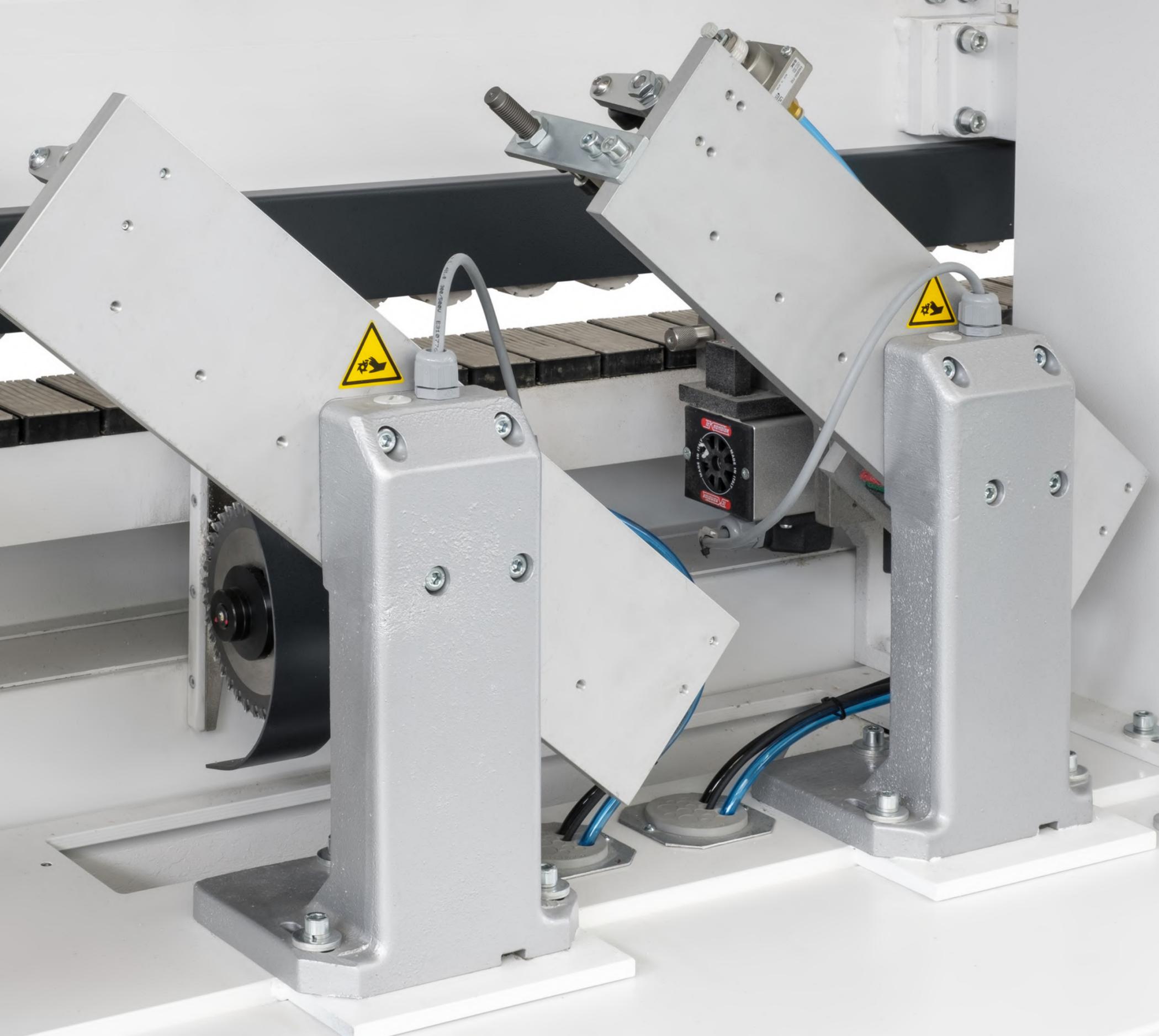
## INFRARED LAMP FOR GLUE REACTIVATION

- To reactivate the glue once the edge has been applied to the board, achieving better adhesion in the pressure roller area.



# PROFILE CHANGE ROTARY DRUM

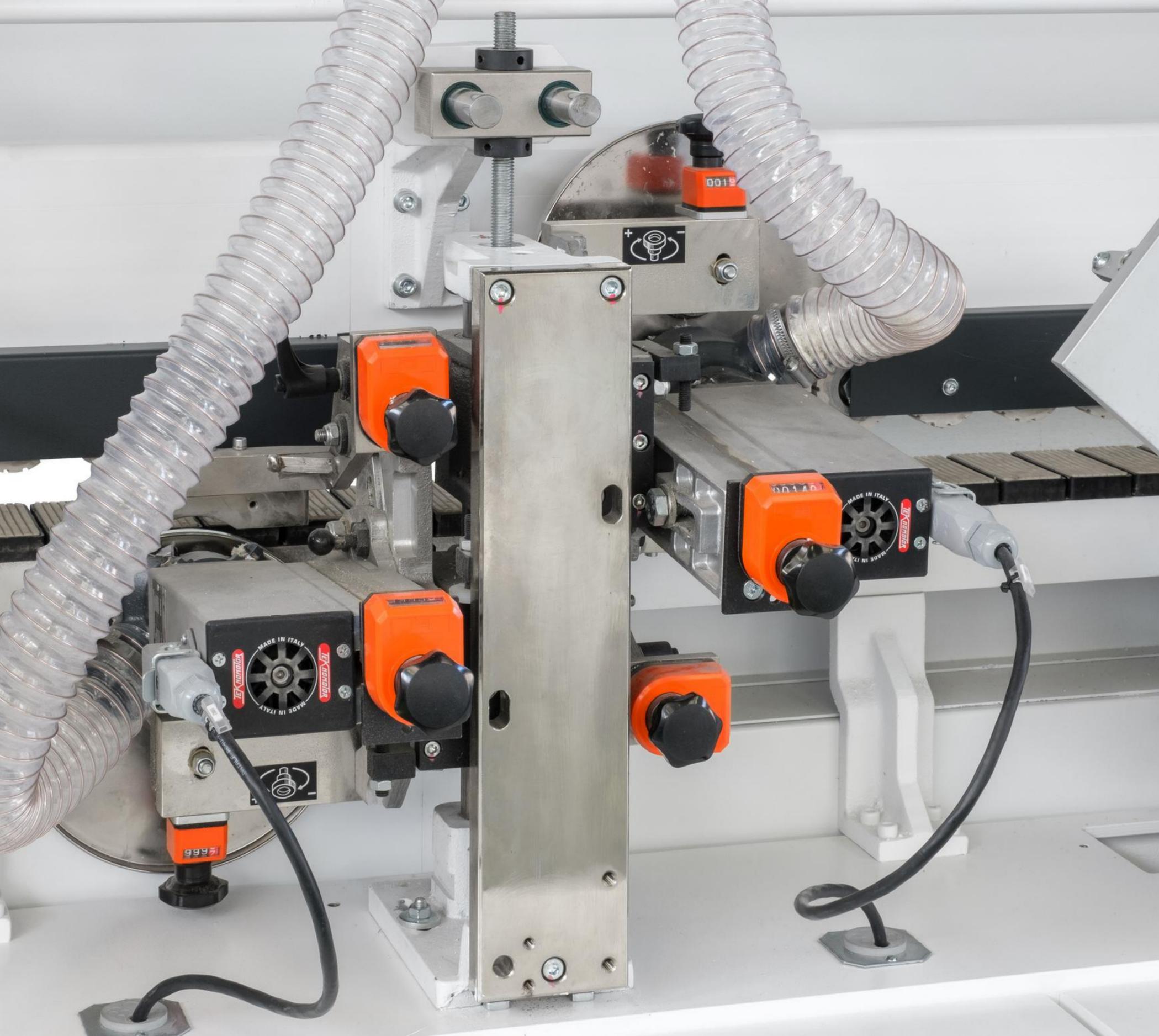




## END TRIM

### V-8L

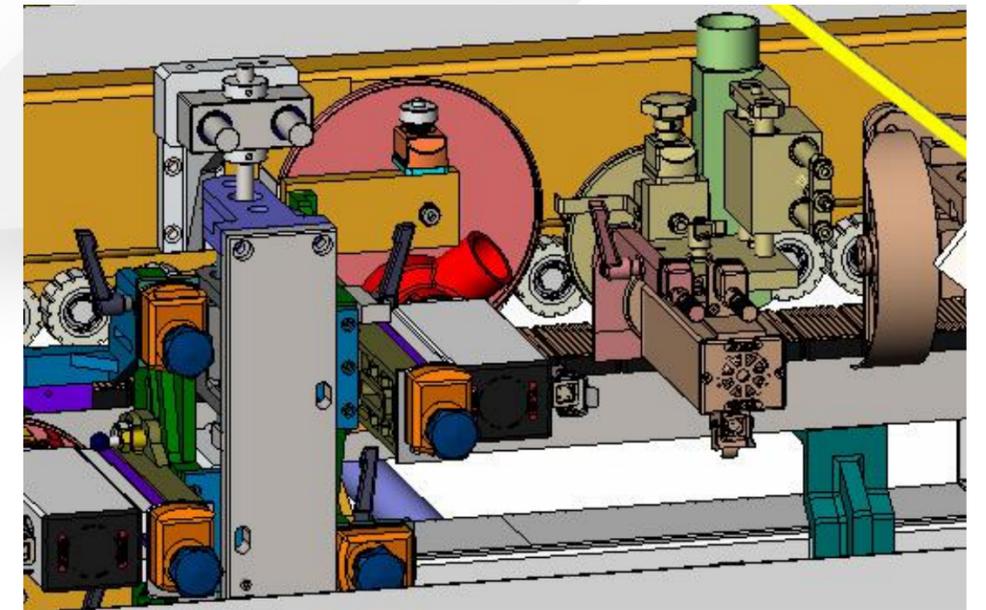
- 2 independent carriages with a HF motor (0,55kW / 12000 rpm) in each carriage, one performing the front and the other the rear trim cut.
- It allows smooth and precise movement of the carriage on linear bearings along hardened and ground cylindrical guide ways.
- The saws can be tilted at an angle 0-10° angle for a better finish of the end trim cuts.



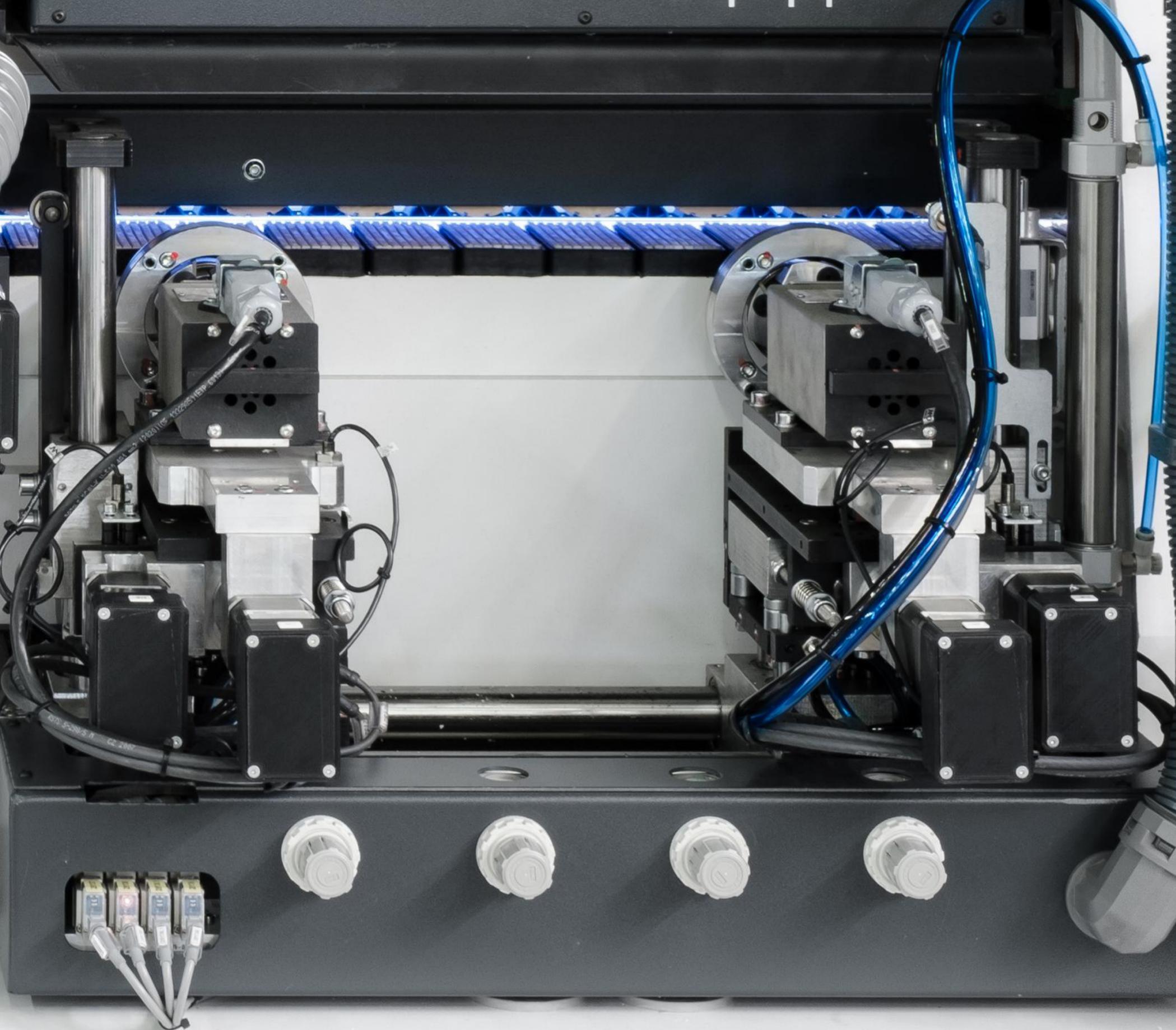
## T&B TRIM

### L8-AF

- Two independent units for trimming the top and the top and bottom edges of the panel.
- HF motors 0.55 kW/12000 rpm, tiltable 0° – 20°.
- Horizontal and vertical copiers with SIKO readers for easy and precise adjustment.
- Tools: Cutter heads with interchangeable tips TCT  $\varnothing 70$  /  $\varnothing 20 \times 20$  Z4 (lower unit) /  $\varnothing 70$  /  $\varnothing 9.5 \times 20$  Z4 (upper unit).



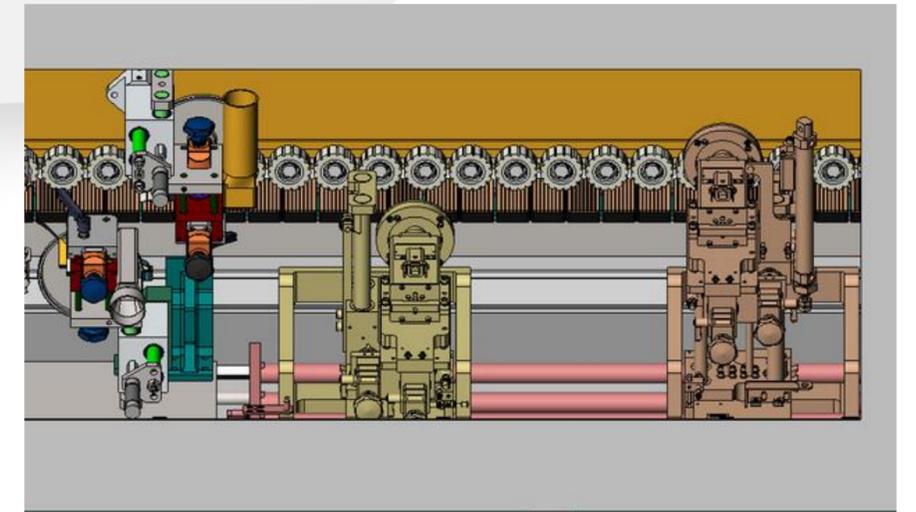
- Top rough trimming unit

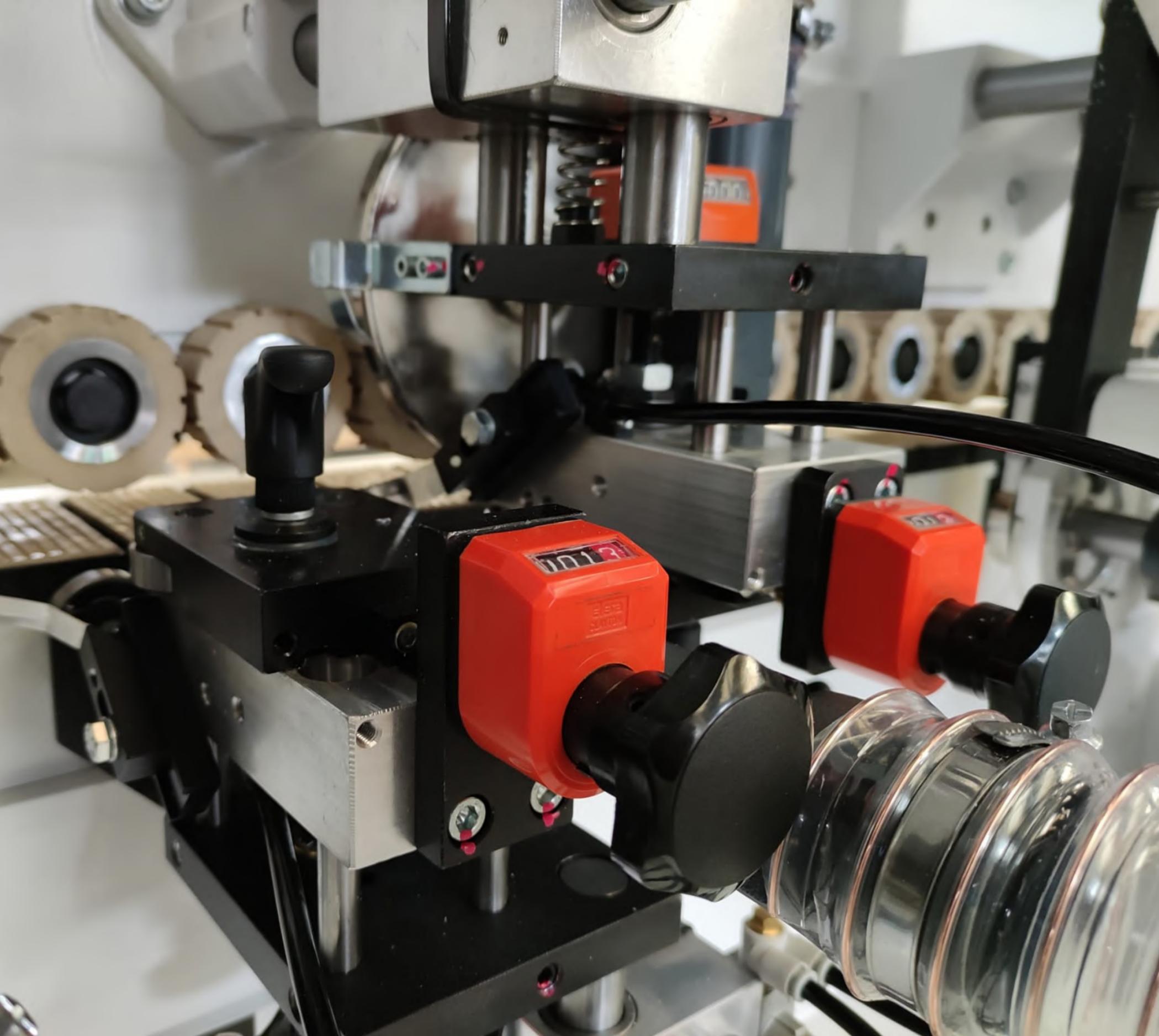


# CORNER ROUNDING

## CR-4

- Designed to round off the 2 corners of the veneered panel with PVC/ABS edge and achieve a complete finish.
- The vertical copier is equipped with double independent regulation for a perfect machining of the panel
- Powered by two 0.27 Kw HF motors and equipped with vertical and horizontal copying devices.

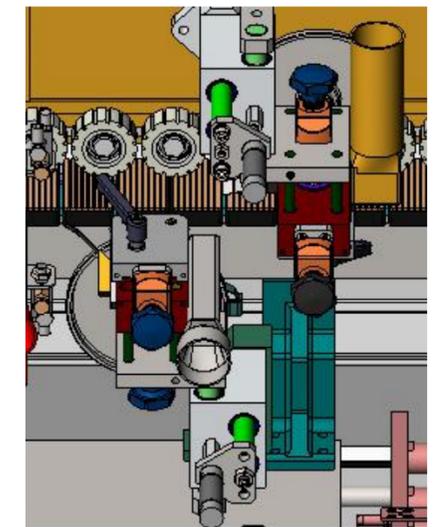


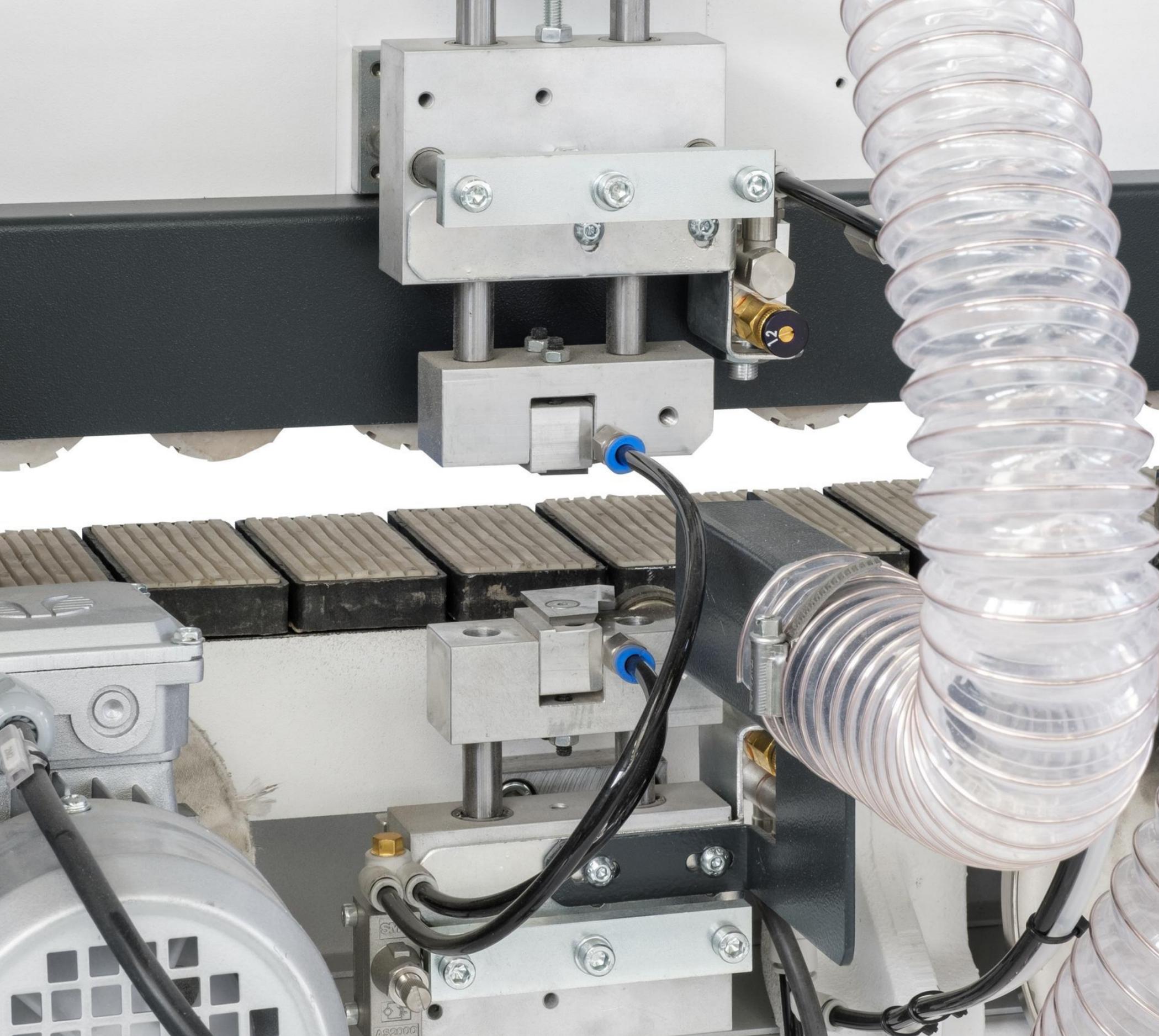


# RADIUS SCRAPER

## RB-8

- Gives the final finishing touch of the radius in the PVC/ABS edge after the operation of trimming it.
- Equipped with horizontal and vertical rollers with SIKO numerical counters for easy and precise adjustment. Cleaning and suction blower nozzles with container for PVC / ABS chips.
- Positioning of the manual group in the ON/OFF position.





# GLUE SCRAPER

## RC-12

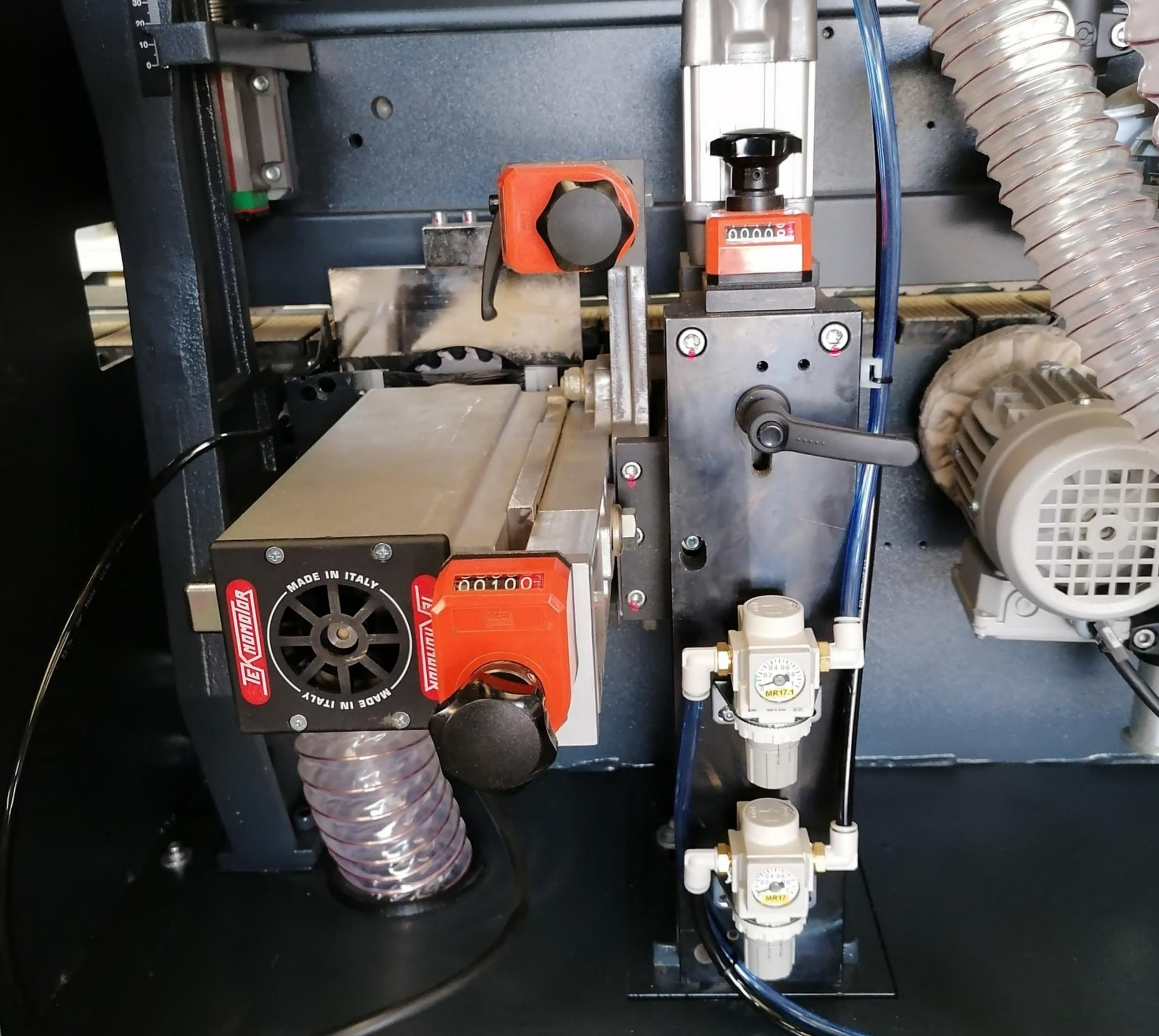
- Designed to remove possible glue residues
- Equipped with 2 blade holders with vertical copiers and cleaning blower nozzles.
- Manual positioning in ON/OFF position .



## BUFFING UNIT

### PC-160

- Designed to remove possible glue residues, restore the PVC/ABS colored edge and polish it after trimming and scraping operations.
- Two independent units with tilting motors (2 x 0.55 kW) and cotton brushes.
- Adjustable polishing positions.



## GROOVING UNIT RN2.2

- Create a blind slot on the top of the panel
- Motor powered with a 2,2 kW with a horizontal copying device
- Tool diameter of  $\varnothing 100 \times 4 \times 20$  mm



## AGENT **SPRAY** STATIONS

- Non-stick agent spray station at entrance
- Antistatic and coolant agent spray station
- Cleaning agent spray station at exit





# MANUAL SQUARING DEVICE

- Manual squaring device for narrow workpieces, eases the feeding and ensures that the piece gets fed perfectly squared





# AIR CUSHION SURFACE + REINFORCED SUPPORT

- Eases the feeding and extraction of heavy and/or large workpieces





# AUTOMATIC RETURN SYSTEM

- With the new return device, Cehisa offers a simple and fast way of redirecting the panels from the edgebander outlet to the operator. The Cehisa Return enables cost-effective one-person operation of edgebanders and avoids the costly work of manually picking up workpieces from the machine and bringing them back to the beginning of the edgebander. The fundamental part of this device is the automatism located at the end of the edgebander that, thanks to the incorporation of the loading arms, allows the pieces that come out of the edgebander to be collected to transport them crosswise and redirect them to the operator through a conveyor belt. motorized return The Cehisa return conveyor safely and reliably transports panels with different dimensions, with lengths between 200 and 2,500 mm. Pieces with thicknesses between 10 and 60 mm can be transported without problems. And a maximum weight of 80 Kg.

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### OPTIONS

Buffing unit PC-160  
Glue scrapper RC-12  
Profile change rotary drum  
Manual squaring device  
Extra gap in cabin  
Spare M-5 glue pot  
Infrared lamp at entrance  
2 speeds (inverter controlled)

Led cabin lights  
Motorized pressure beam  
Spare pressure rollers  
Non-stick agent spray  
Cleaning agent spray  
Pre-milling DIA cutters (max H=70 mm)  
Spare set of DIA cutters (max H=70 mm)  
Infrared lamp for glue reactivation before pressure rollers



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