

# CLASS C 502 - C 503



Electronic edgebander with hot melt glue and  
**PRE-MILLING UNIT** as standard

## CLASS C 502 and C 503 WITH PATENTED PRE-MILLING UNIT FOR HIGH QUALITY EDGEBANDING



### PERFECTION OF EDGEBANDING WITH PRE-MILLING ON COMPACT EDGEBANDERS

- TO ELIMINATE CHIPPING CAUSED BY PANEL CUTS
- TO ELIMINATE THE TAPERED CUT OF SCORING UNIT
- TO ELIMINATE SWELLING DUE TO DAMPNESS



# CLASS C 502

Class C 502/C 503, with exclusive patented pre-milling unit, joins simpleness and technology with low investments. That's possible thanks to an innovation simple to use. It represents a real revolution in the field of panel edgebanding quality, eliminating any defects of hewing, chipping, cut and swelling due to dampness.

C 502/C 503 is an electronic edgebander completely controlled from board, compact and flexible that, with its PATENT exceeds the pre-milling panel technology known until today and it extends it also to small and medium companies.

A simple technology that allows to reach high performance and decimal precision, the same as in big industrial edgebanding plants.

Technology inaccessible in the past, today to the small and medium company with Class C 502 and C 503 becomes a reality.





C 502 and C 503 are equipped with:

- HIRZT patented pre-milling unit
- Teflon glue pot with stand-by program
- Device for glue pot exclusion
- Pneumatic guillotine with high cut power (opt. 3 mm)
- End trimming unit with high frequency motors (200 Hz)
- Double saw end trimming unit, 15° tiltable with 200 Hz high frequency motors (optional)
- Top-bottom trimming unit with radius milling
- Edgescraper
- Buffing unit
- Front extension support for big-sized panels



**C 502**

**C 503**



0,4 - 3 mm    3 m

0,4 - 3 mm    5 m

C503 with system of pneumatic pressure, motorized and independent rollers, reaches the highest processing performance, as it is possible to apply tapes in PVC, ABS and wooden sticks up to 5 mm thickness.





## FEED TRACK UNIT AND PRESSOR WITH GROOVED RUBBER WHEELS

Feed track with hellipsoidal grooved rubber wheels to keep steady panels of big dimensions. The wheels allow a constant grip and shavings turn out keeping the work-bench clean.

## PATENTED PRE-MILLING UNIT

Patented pre-milling unit as standard equipment that makes the pre-milling precise and functional thanks to its fixed structure, without pneumatic movements and equipped with an automatic unit that prevents chipping in the back panel side (HIRZT PATENT).



## TEFLON GLUE POT UNIT

The Teflon glue pot with electronic control of temperature, stand-by program for glue heating and its maintenance both in processing and stand-by, makes the glue always efficient, keeping its adhesive features.



## PRESSOR ROLLERS

C 502 is equipped with automatic pressor rollers that complete the sticking.

C 503, for processing of tapes and wooden sticks of higher dimensions (up to 5 mm) uses a system of independent and motorized rollers, that, following the panel feeding, reach the maximum performance and quality in tapes and sticks application.





### ***DOUBLE-SAW END TRIMMER***

The automatic double-saw end-trimmer selectable from control board, grants the maximum cut precision, thanks to the heavy support with rectified guides and shaft with "0" clearance. The end-trimming is perfect with no need of adjustments when there's a change in processing from thin tape to ABS or wood.

### ***TILTABLE DOUBLE-SAW END TRIMMER***

Class C 502 and C 503 can be equipped with optional tiltable double-saw end trimmer to make a 15° cut.



### ***TOP-BOTTOM TRIMMER***

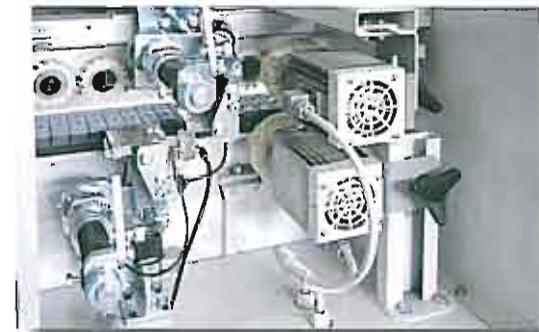
Top-bottom trimmer with sliding on big-sized hardened bars with vertical copying shoes on the top and bottom panel faces, and front copying shoes to execute a high finish of trimming on ABS tape.

The motor is equipped with tool-holder shaft with zero axial clearance for a very high finish of all type of tapes; with blocking on a fixed position for an easy replacement of the trimming tools and automatic re-positioning without any adjustment.

### ***EDGE-SCRAPER UNIT AND BUFFING UNIT***

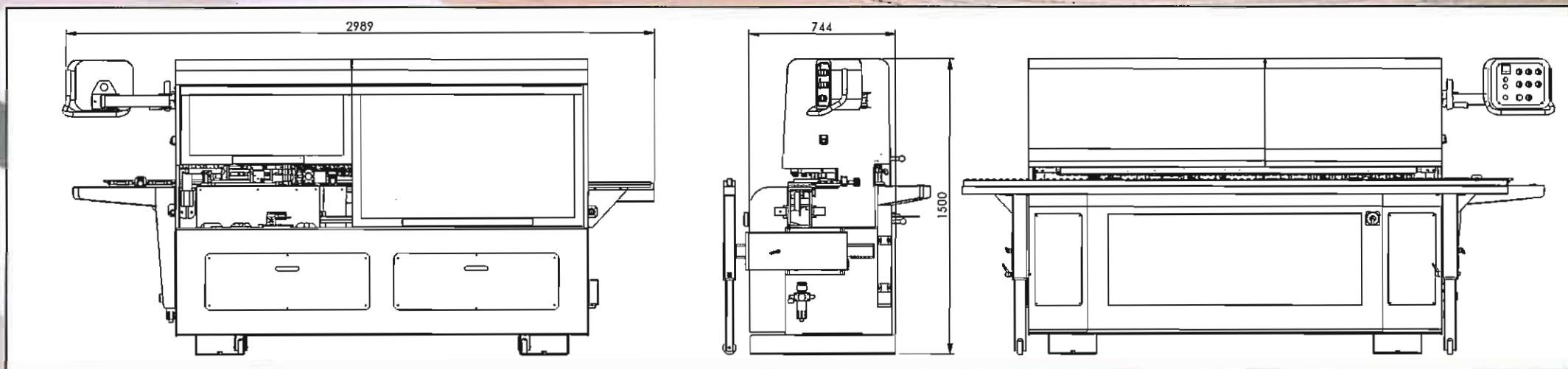
Edge-scraper unit of easy and rapid in/out selection, with device for shavings ejection (opt). Rigid structure for a constant finish of radius with adjustment on X and Y axes. It eliminates the possible waves created by the radius cutters of the trimming unit.

Tilting buffing unit with automatic vertical adjustment to remove glue residues, polish the processed tapes and remake the colour of ABS and PVC tapes after processing. Motors can be easily disassembled for buffing disks replacement.





**STANDING INNOVATION**



**TECHNICAL DATA**

Min-max panel height	10 mm - 50 mm
Min-max edge thickness	0,4 mm - 3 mm (C502) 5 mm (C503)
Edge-feeding speed	7/8 m/min
Pneumatic pression	6 bar
Power supply	3,5 Kw
HF motor frequency	200 Hz

**STANDING INNOVATION**



**EDGE BANDERS**

**BORERS**

**AUTOMATION PLANT**

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