



# E450 PM / E450 PMVR

## AUTOMATIC EDGE BANDER WITH CHAIN FEED AND PRE-MILLING

**Pre-milling with diamond cutterblocks Ø 60 h 49 mm with  
2 extractor hoods Ø 80 mm**

- Feed guide with micrometric adjustment 0 ÷ 2.0 mm
- HF motors 2 x 0.75 kW 12.000 rpm
- Max milling adjustment of 2 mm with panel heights 8–45 mm

### **Chain panel feeder with rubber pads**

- Feed speed 7 m/min
- Top bar with double row of rubber rollers adjustable in height

### **Logic functioning controlled by PLC**

- Thermostatic glue control with automatic standby and temperature indicator
- Complete automation control of the various operating units from the encoder located on the transmission system for panel feeding
- Diagnostics system with messages for machine use and maintenance
- Statistical operating data: total hours of machine use, total and partial metres of edges used.

### **2 free spaces available for finishing units**

- Edge scraper: perfect edge finishing, even in backlight
- Glue scraper: removes glue residues, guaranteeing perfect panel finishing
- Buffing unit: which polishes, giving uniformity to the colour of the edge where it has been processed

### **VR END TRIM UNIT WITH VERTICAL ROUNDING FUNCTION (OPT)**

## TWO PROCESSES IN UNIQUE PASSAGE

- Cut and vertically mills of front and rear excess edge of panel when being processed
- 2 processing modes:
  - straight (thin edges and wooden strips)
  - radius (ABS and PVC thick edges)
- Unit managed by the electronic control with the possibility to specifically choose the processing mode for the front and the rear of the panel
- High frequency motor 0,22kW – 12.000 RPM
- Intergrated dust extraction system

## Technical data

**Panel height:** min. 8 max 45 mm

**Edge thickness:** min. 0,4-3 mm (coils) 0,4-5 (strips)

**Panel width:** min. 95 mm

**Panel length (side being processed):**

min. 210 mm

**Panel feed speed:** 7 m/min

**Pre-milling motors (each):** 200 Hz - 12.000 rpm - 0,75 kW

**Glue pot heating element:** 1315 W - Nr. 6 cartridges

**End trimming blade rotation speed:**

9000 rpm

**End trimming motor:** 50 Hz - 0,18 kW

**Flush trimming motors (each):**

200 Hz - 12.000 rpm - 0,37 kW

**Cutterblocks with combined WIDIA disposable Knives (radius/bevelled):** Ø 75 mm

Z 4 - hole Ø 16 mm (r=2-3 mm)

**Total power installed:** 5 kW approx.

**Weight:** 420 kg approx.

