



# Kronos 60.0

Automatic edge bander with hybrid upper hot melt EVA/PUR glue pot, chain panel feeding, pressure beam with electronic positioning, automatic cadencing for panel spacing, infeed pre-milling and multi-functional 'TRIA' unit (End trimmer, Flush trimmer, Rounding unit)



Website



Kronos 60.0



YouTube

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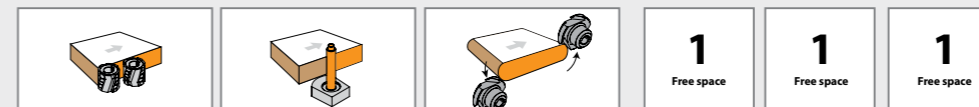
Automatic edge bander with hybrid upper hot melt EVA/PUR glue pot, chain panel feeding, pressure beam with electronic positioning, automatic cadencing for panel spacing, infeed pre-milling and multi-functional 'TRIA' unit (End trimmer, Flush trimmer, Rounding unit)



- Maximum finishing quality
  - ✓ Double chain panel feeding
  - ✓ Pre-milling
  - ✓ Upper glueing pot EVA/PUR polyurethane (std.)
  - ✓ Standard interchangeability glue pot
  - ✓ Multifunctional "Tria" unit (End trimmer, Flush trimmer, Rounding unit)
  - ✓ 3 free spaces for finishing units
- High performance
  - ✓ 12 m/min feed speed
  - ✓ 60 mm panel height
  - ✓ 2 edge thicknesses automatically processable
- Minimum space occupied
  - ✓ 3,6 m
- Easy to use
  - ✓ Unit settings with a piece of edge
  - ✓ Easy and intuitive control

THINK COMPACT EDGE EASY

## Kronos 60.0





### Scheduled maintenance:



### Memorize program:



### Multi-functional 'TRIA' unit



### Touchscreen control Easy to use, Intuitive and Immediate

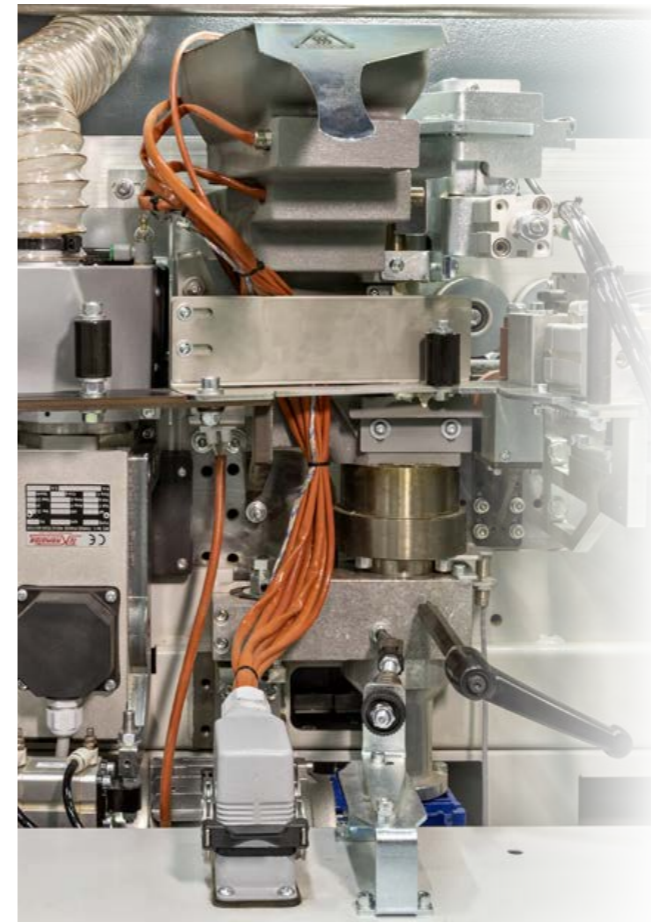
- 10" Colour display
- Possibility of processing with storable programs
- Impossible to go wrong; the graphic visualizes directly the result of the process on the edged panel Just one
- Just one click to select the processing you want

## Kronos 60.0

### Upper glueing unit EVA/PUR

Revolutionary glueing technology which allows the use of EVA/PUR glue with the same glue pot "At last, perfect glueing for every level of investment"

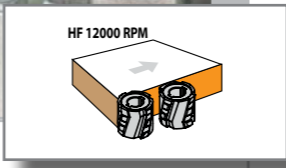
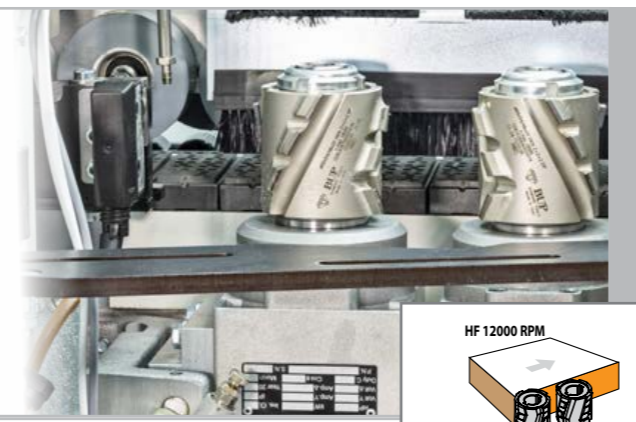
- Water resistant at high temperature  
Hold and edge bonding with an invisible joint that is unmatched by traditional glueing systems.



- It allows you to work with both PUR and EVA glue with the same glue pot.
- With PUR glue it is possible to stop machine (up to 4 days) without having to do any cleaning procedure.
- Automatic cleaning cycle of glue spreader roller of each panel processed
- Glue roller with integrated heating uniform and constant glue temperature
- Granule manual loading (glue pot 1,4 Kg)
- Automatic glue drainage cycle. allows the change of type of glue in around 15 min.
- Standard interchangeability which allows you to add a second additional glue pot both (EVA/PUR) and (EVA)
- Possibility of reversing the rotation of the glue roller for special processes (OPT.)



EVA/PUR



### Feeding fence

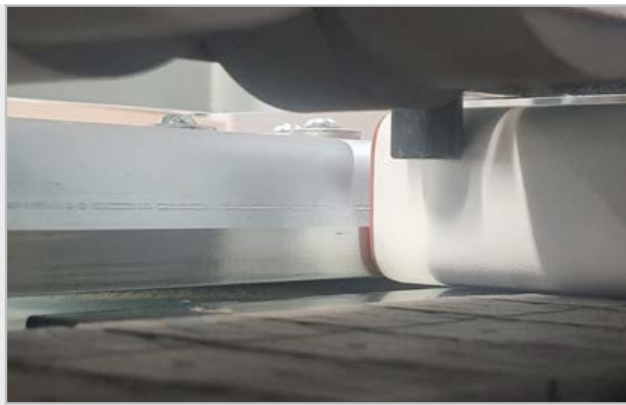
#### PRACTICALITY AND PRECISION

- Feeding fence with micrometric adjustment and numerical dial for the measurement of the removal

### Pre-milling

#### INVISIBLE GLUEING LINE

- DIAMOND tools  $\varnothing= 80\text{mm}$  H= 64mm
- HF motors 200Hz - 12.000 rpm - 1,1 KW (each)
- Dedicated suction system and blower for panel cleaning before glueing



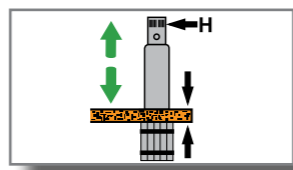
### Automatic cadencer for panel

- For proper interspace between panels.
- The automatic cadencer prevents human error and ensures stable and accurate production



### Automatic Presser

- Presser with automatic electronic positioning as panel thickness changes
- The automatic system for the panel thickness ensures all the best conditions for the processing on the panel without any risk of error



# NEW!!!

## PATENTED SYSTEM



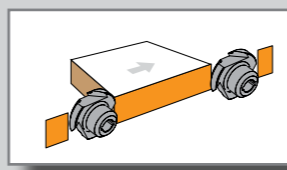
### Multi-functional 'TRIA' unit

#### EXCELLENT FINISH AND SIMPLE ADJUSTMENT

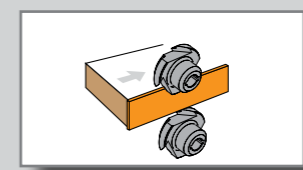
- Finishing of front and rear corners on straight, beveled and postformed panels
- Diamond cutter block as standard
- Automatic processing of 2 edge thicknesses from the control unit

## "TRIA"

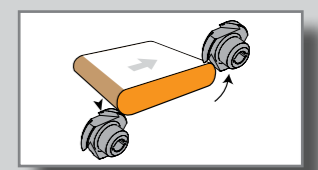
### End trimming



### Flush trimming



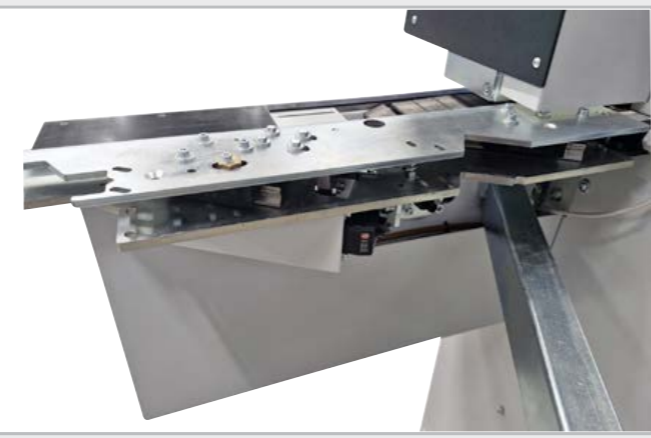
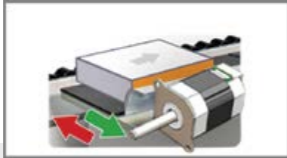
### Corner Rounder



### Infeed guide axis

#### AUTOMATISM WITH ABSOLUTE PRECISION

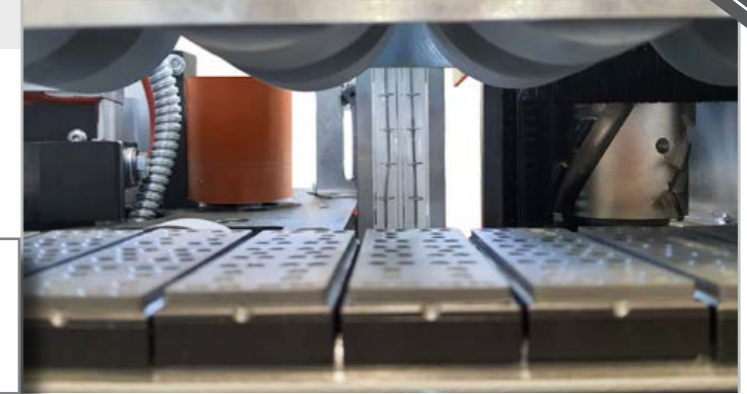
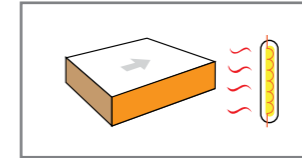
- Automatic device for positioning the entry guide (panel material removal) by electronic motorized axis.



### Infrared lamp

#### TO GUARANTEE THE BEST GLUEING CONDITIONS

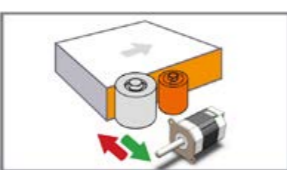
- Creates the best conditions for perfect glueing.
- Heats panels and removes all traces of dampness.



### Edge presser roller axis

#### AUTOMATISM WITH ABSOLUTE PRECISION

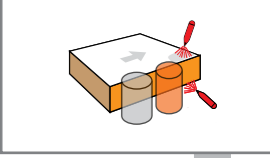
- Automatic device for positioning the roller unit pressors according to the edge thickness by motorized axis



### Antistatic and Cooling Spray Unit

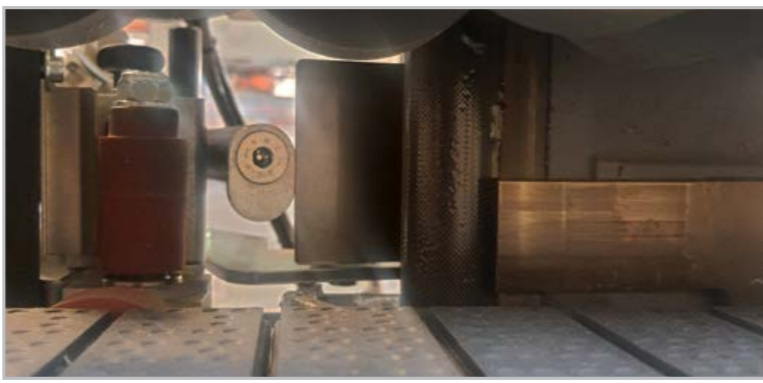
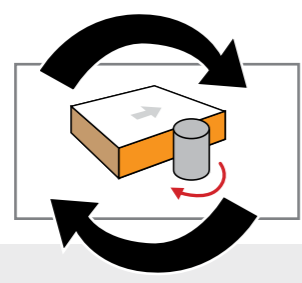
#### ALWAYS USE BEST WORKING CONDITIONS

- Function of spray controller by PLC electrical
- Suggested optional when the PUR glueing unit is foreseen
- Alternatively you can choose the slipping liquid for glossy and delicate panels and edges (High-gloss)



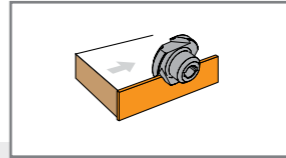
### Glue Inversion roller

- Function for glue roller rotation inversion for special processes like: honeycomb and multilayer panels



### Upper flush trimming rougher

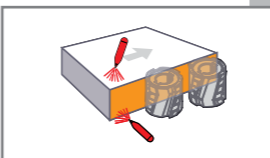
- The unit consists in a high-frequency motor with a straight cutter that works on the upper excess of the edge to bring it to the correct measure
- High frequency motor 0,37 kW - 12.000 rpm
- Integrated chip extraction system
- Allows you to use different panel thicknesses with the same edge



### Anti-adherence / release agent spraying unit

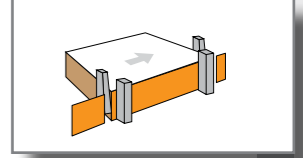
#### INSTANT PERFECT CLEANING

- Spray function controlled by PLC
- 2 sprayers (lower and upper) and liquid tank



### Pneumatic shear

- Automatic front and rear edges end trimmer (shears) with follow-up system.
- On and OFF/ON from the control panel
- Absolute precision as no mechanical regulation is required.
- Panel thickness max 45 mm



Optionals

# Kronos 60.0



Optionals



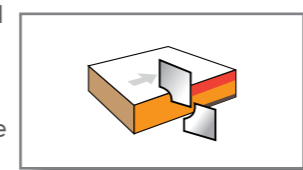
## TRIA Nesting

- Option for processing "Nesting" panels with holes for hinges and more with an innovative
- Patented system



## Edge Scraper with optionals PERFECT PLASTIC EDGES EVEN IN BACKLIGHT

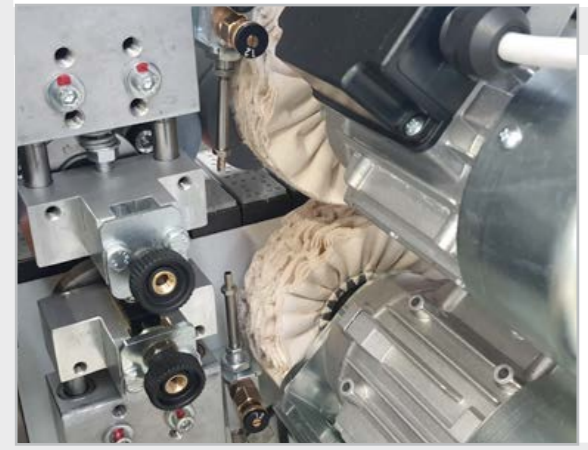
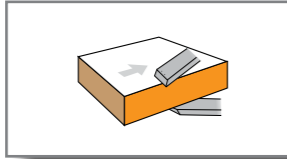
- Blowers for detachment and removal of shavings.
- Dust extraction system complete with box to separate and collect edge scraping shavings.
- Pneumatic exclusion managed by control touchscreen (optional)
- Pro Nesting, system for processing perforated panels (optional)



## Glue Scraper with optionals

### REMOVAL OF EXCESS GLUE

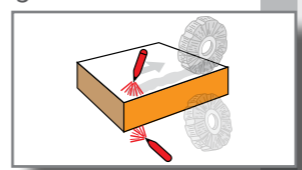
- Copier discs with automatic cleaning system.
- Two separate knobs which allow an easy positioning of the tool and a fast exclusion of the unit.
- Pneumatic exclusion managed by control (optional)
- Pro Nesting, system for processing perforated panels (optional)



## Cleaning spray agent unit

### MIRROR FINISHING

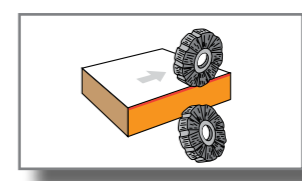
- Spray function controlled by PLC.
- No. 2 sprayers (lower and upper) and liquid tank.
- It enables edge polishing and gives a higher gloss.



## Buffing unit

### BRIGHT AND SHINY EDGES

- Uniform colouring even on processed edges also on the processed edge part
- Perfect panel cleaning
- No. 2 independent motors rotate at 1.400 rpm.
- No. 2 brushes diameter 120 mm



## Internal LED light

### ALL UNITS UNDER CONTROL

- The internal led light on the units allows to make adjustments in safety, even with bad outside lighting

## Extra panel supporting roller conveyor.

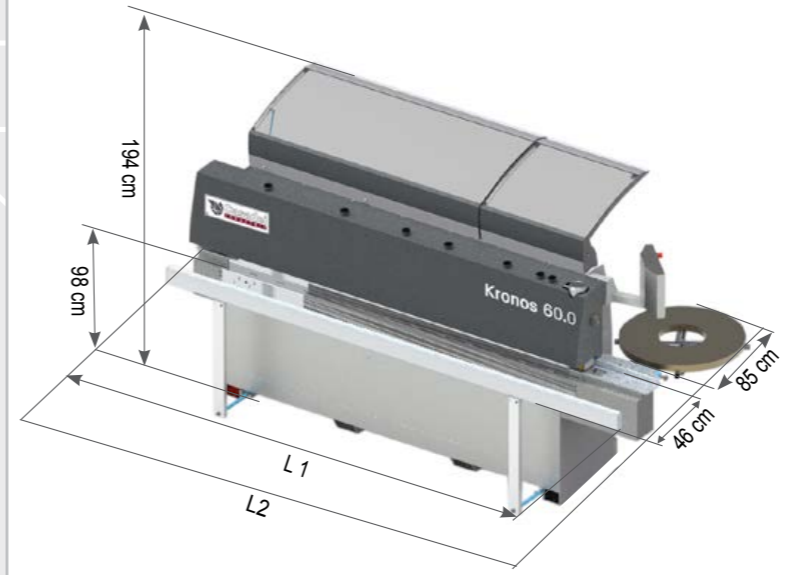
- Improves the processing of large panels.



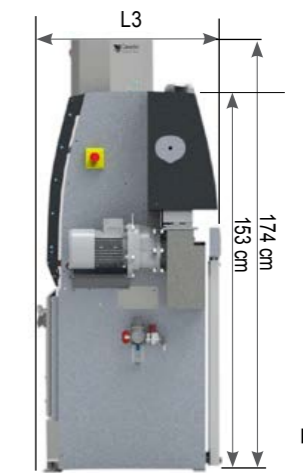
## Technical features

Min./max. panel height	min 8 - max 60 mm
Min./max. edge thickness	0,4 - 3 mm (coils)
Panel width	min. 70 mm
Panel length (Side being processed) with standard End trimming unit	min. 140
Panel feed speed	12 mt/1'
Pre-milling motors HF (each)	0,75 kW
Glue pot heating element	1630 W - Nr. 6 cartridges
Total power installed	5 KW

## Overall dimensions



L1 cm	L2 cm	L3 cm
344	362	73



We reserve the right to make technical modifications. The machines illustrated may include fittings and accessories not included on standard machine versions. For photographic purposes, some units are shown without protections. Machines must however always be used with all protections fitted and operative.



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