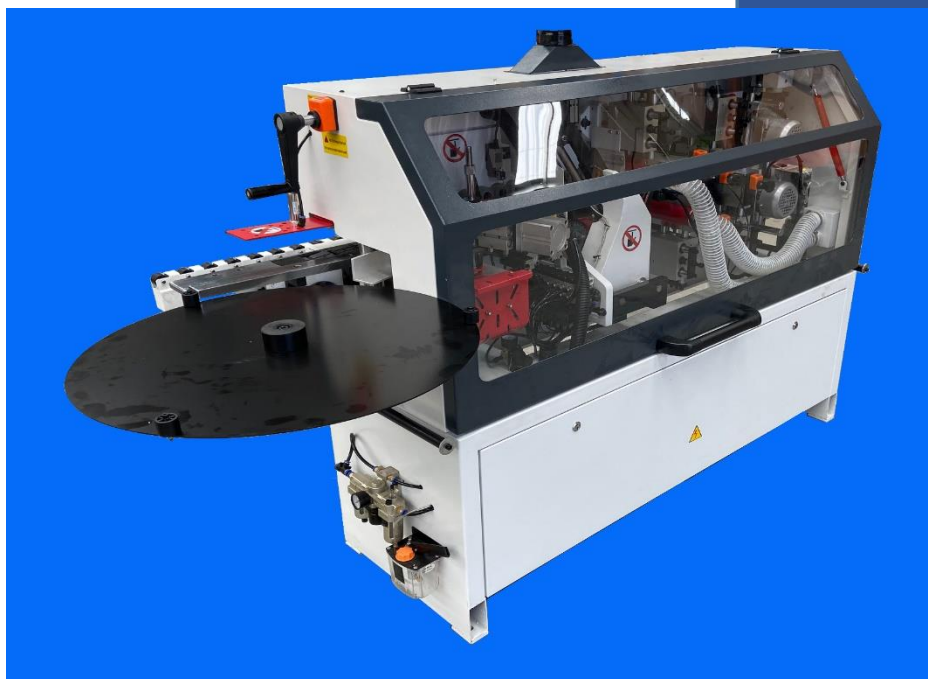


**LEDA**

**COMPACT  
EDGE BANDER**



# **LEDA** Edgebander

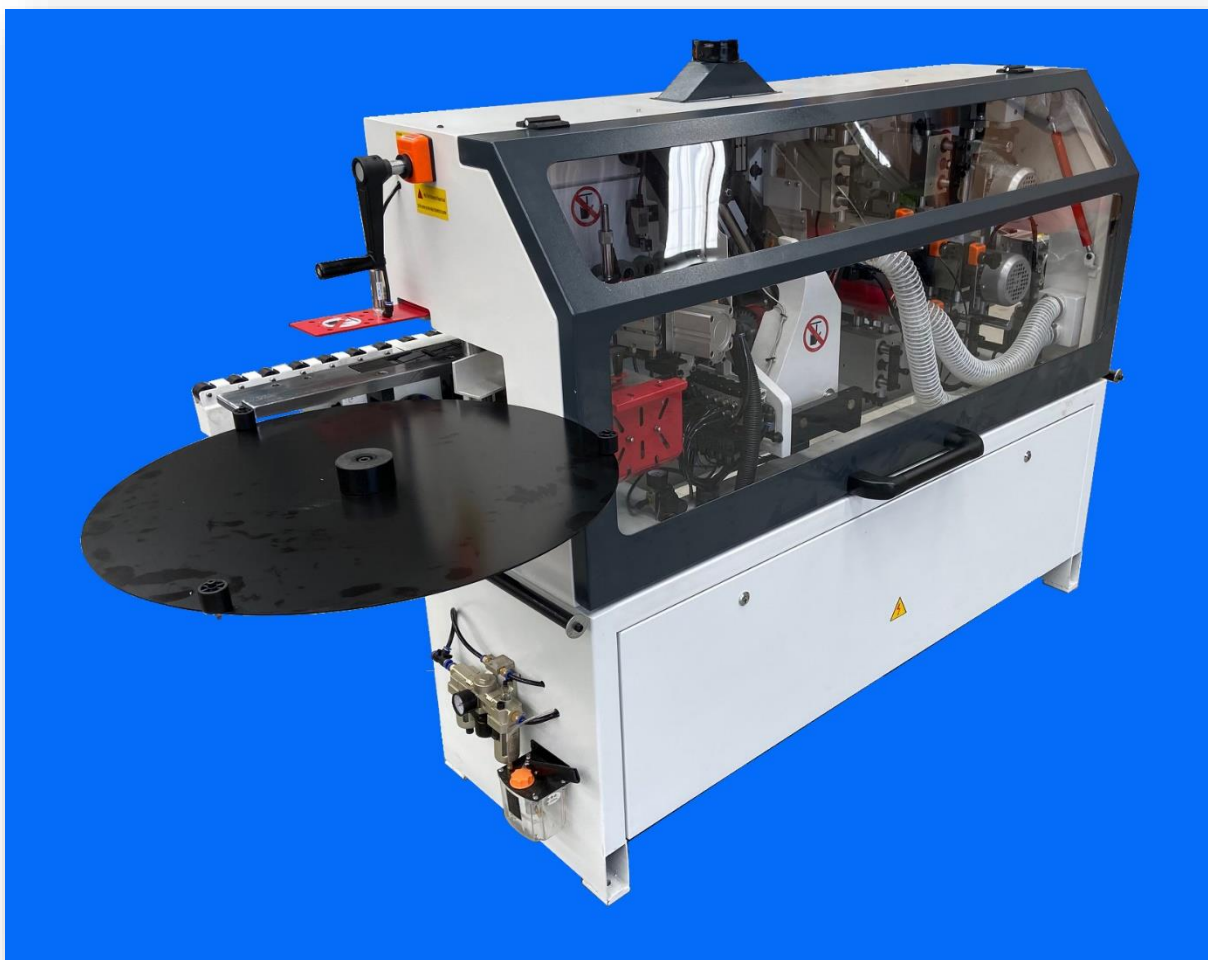
**Compact, Complete, Affordable**



## **Introduction:**

Our **LEDA** Edgebander was designed with smaller workshops firmly in mind. It's extremely compact, easy to set up and use and outstanding value.

The short track length and 9m/min feed speed combine to make this an Edgebander perfect for a single operator – and very productive.



**A lot in a small space!**

**2420mm overall length**



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# LEDA Edgebander

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## Working Groups

- Pneumatic engagement of tape feed drive
- Hot melt glue tank
- Edge strip application station with pneumatic guillotine.
- Twin pneumatic roller pressure station.
- Smooth 'climb cut' end trim saws on THK guide
- Top & bottom trimming station. Twin HF motors with Inverter control
- Top and bottom radius scrapers to fine finish PVC edging.
- Top and bottom buffing station.



# **LEDA** Edgebander

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## **Key Features**

- Compact 2420 mm total length x 1080mm wide. Small footprint!
- Full safety covers and windows for great visibility.
- Convenient electrical control keypad at infeed with LED settings
- Digital readouts on adjustment points for changes in edge-strip thickness.
- Panels fed by padded chain at 9m/min. Perfect for a single operator
- 60mm dust exhaust hoses on trimming units for efficient extraction.
- Twin 100 mm extraction connection points to simplify installation
- Precision hi-tech THK slide-ways on cut-off saws
- Buff units to leave excellent finish on top and bottom – restoring colour
- Panel support extends to 600mm.
- Nett weight – robust 590kgs. Welded 1 piece frame
- Full twelve months Warranty



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# LEDA Edgebander

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## DESIGN IN DETAIL

*You want great value but everything must also be easy to set, stay that way with a good finish straight off the Edger. LEDA delivers!*

### You're in control

The PLC Control panel with LED display puts everything at your fingertips including Digital readout of your actual and set glue temperature. You can adjust the tape allowance on the guillotine and the panel gap from the screen and you have error warnings for low air pressure, glue temp and motor overloading



### Handles heavy tape coils, 'no problem'

620mm diameter and supported by very solid 50 x 40mm arm - this will keep you heaviest tape coils perfectly aligned with the infeed guides and rotating smoothly.



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## **Precise tape feed and application**

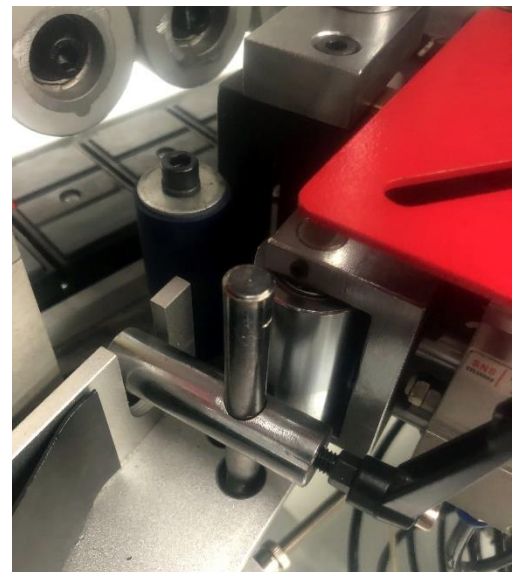
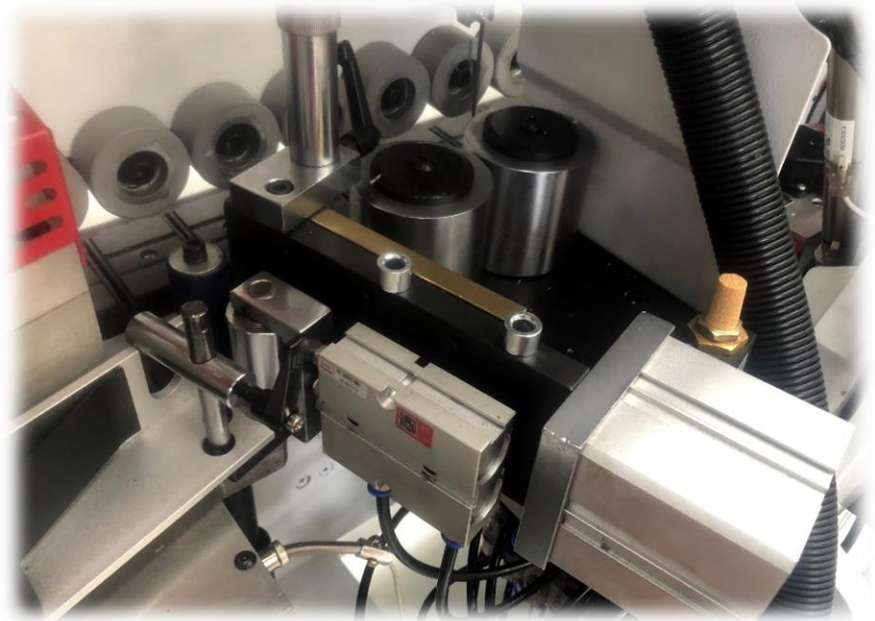
Perfect alignment and uninterrupted feed of your tapes is essential to achieve a great edge. This needs to be followed by good application pressure across the panel height

The heavy-duty pneumatic guillotine easily shears tapes up to 3mm thick cleanly from the coil

Simple adjustable guides ensure your edges feed cleanly and evenly into the application area

Twin 70mm heavy steel application rollers – with independent pneumatic pressure ensure reliable and heavy application pressure is maintained

The glue roller and tape drive roller are directly linked by drive sprockets (no chains!) so they are perfectly synchronised



# **LEDA** Edgebander

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## **Hassle free glue application**

Glue thickness is a simple 'turn knob' adjustment.

Multiple elements deliver fast and even glue heating and the large tank is very easy to refill

Excess glue is recirculated . This is a clean and fuss free system.

Teflon coating makes glue removal and tank cleaning easy.

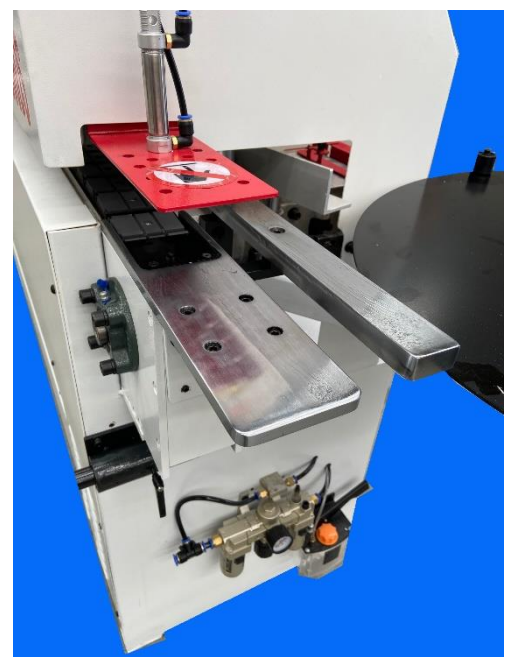


## **Panel feed : Reliable and foolproof**

Simple reliable alignment, support and feeding of your panels keeps your operator happy while ensuring panels travel through the workstations evenly and perfectly aligned.

Your LEDA Edgebander makes this easy with 400mm long and 40mm x 20mm thick infeed fence.

To eliminate any chance of the gap between panels being too short there is a pneumatic pin that prevents a second panel entering too soon after the first. Foolproof!  
This is better than a 'red light/ green light' system which relies on the operator obeying the light!





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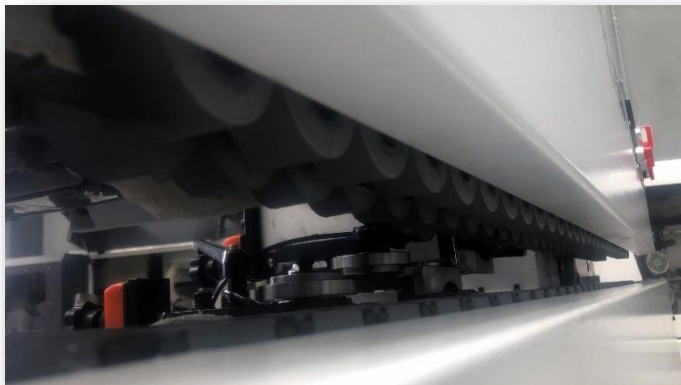


## Straight and true...

Your feed track must ensure your Panels stay aligned and square as they pass through the machining groups.

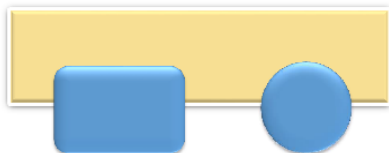
The first step is setting the feed track height :effortless and accurate thanks to the digital readout. Rise and fall is via twin 40mm columns on cast mountings

The 50mm diameter twin sets of overhead feed rollers are offset – so there is always good panel contact. They are mounted on a steel plate 180mm x 20 mm.



The bottom chain driven track runs on combined square and round guide rails. This is the best guide system as it ensures the track cannot move sideways or tilt under load.

Large 70 x 50mm pads secure your panels





# **LEDA** Edgebander

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## **Well supported**

The panel support roller and track is rock solid extends out to 600mm as required



**Wherever you look you see  
well engineered solid  
construction**



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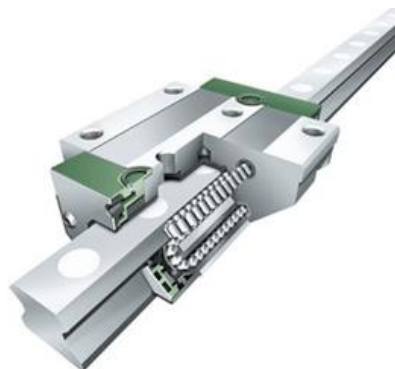
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## **End saw – Accurate and simple**

The saw unit is strongly mounted on a 1 piece casting and travels on a high tech THK guide ensuring perfect cutting results for years to come. There's even an external lubrication pump for the THK guide.

The 0.37 KW 12,000RPM motor ensures clean, effortless flush end trim of your toughest tapes.



# LEDA Edgebander

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## Flush and Radius trim 'spot on'

LEDA Edgers traces your Panels with solid 160mm diameter copy wheels to fine trim or radius your edges prior to scraping.

Digital precision resetting and 6 knife TCT trimmers deliver 72,000 cuts per minute so your trimming is clean and cutter marks are absolutely minimal



Changing from bevel to Radius is quick and easy with the combi 12 degree bevel / 2mm radius cutters.

Twin powerful 0.35kw motors ensure clean trimming of tough tapes. Inverter control saves power while ensuring correct cutter speeds are maintained under varying loads





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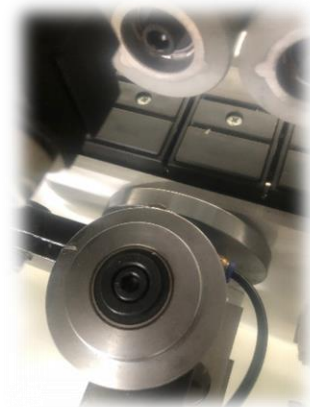
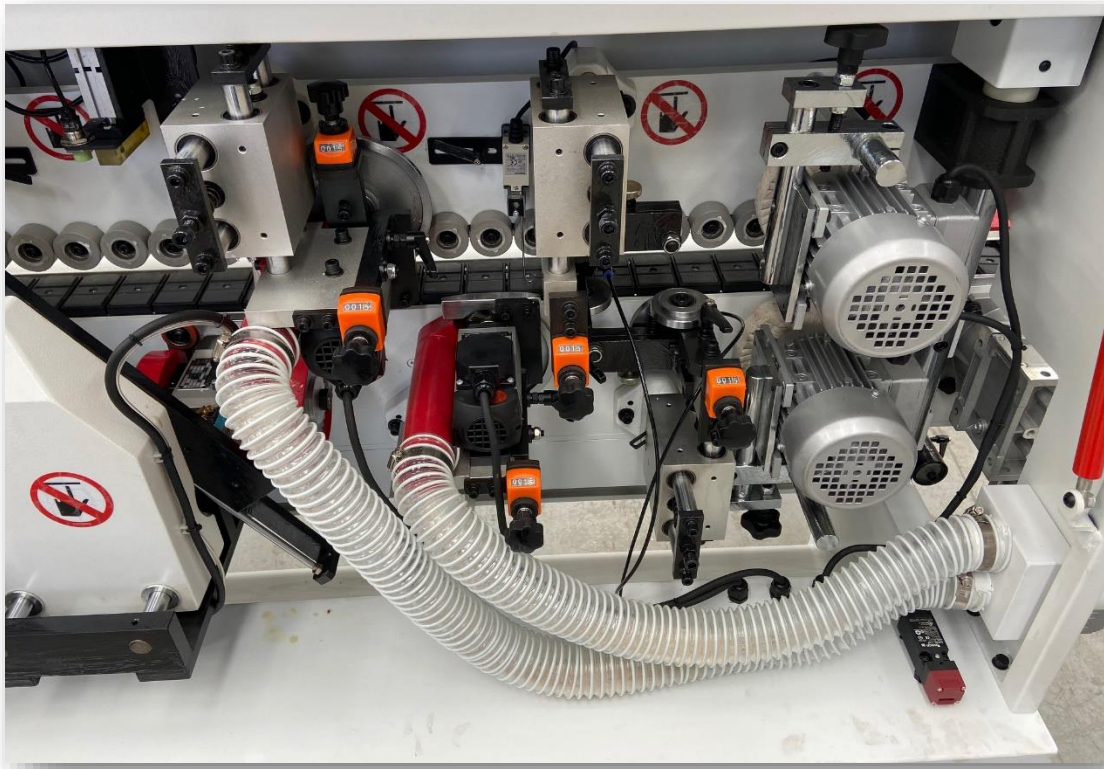


## Precise scraping : The perfect finish

Your LEDA includes top and bottom TCT scrapers to remove the fine knife marks left by rotary cutters.

These trace your panels with Rotary copy wheels not fixed shoes > avoiding scuffing of delicate panels and edgings.

Fine thread Digital readouts make setting quick and precise



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# **LEDA** Edgebander

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## **The final polish**

Final cleaning /polishing and restoration of colour to darker tapes is via large 3000rpm buffs at the outfeed. These are mounted on castings and plate steel to deliver a vibration free finish.

Buffing position is fully adjustable

## **Keeping things quiet with low power consumption**

Your LEDA Edger operates at just 74 dBa thanks to solid construction. Total power consumption is a low 4.5kw

The hood is electrically interlocked for your safety and operated by large self-supporting gas struts while the large windows allow you to easily keep on eye on things while the machine is working.

There are 2 emergency stop switches and the in-out feed of the chain feed are particularly well guarded



The large hood gives great access to the work units for setting, maintenance and cleaning



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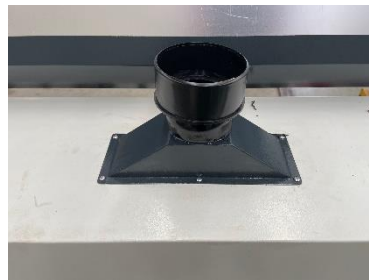


## Extraction is important

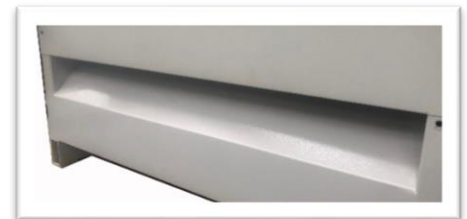
Good offcut removal is vital to good edgebanding.

Particular attention has been paid to ensuring the extraction hood functions well.

60mm top bottom trimmer and saw unit extraction run to 2 x 100mm connection point reducing installation costs and hassles



Scrapings drop clear via a full length drop out chute along the machine frame



- Feed speeds: 9m/min
- Minimum panel width 80mm
- Minimum panel length 120mm
- Panel Thickness 12-45mm
- Dust extraction connection 100mm
- Total power 4.5 KW
- Trimmer power 0.35kw X 2
- End saw 0.37kw
- Buffer power 0.12kw per Buffer
- Worktable height 900mm
- Dimensions 2420 x 1080mm , 1450mm high
- Weight 590kg



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