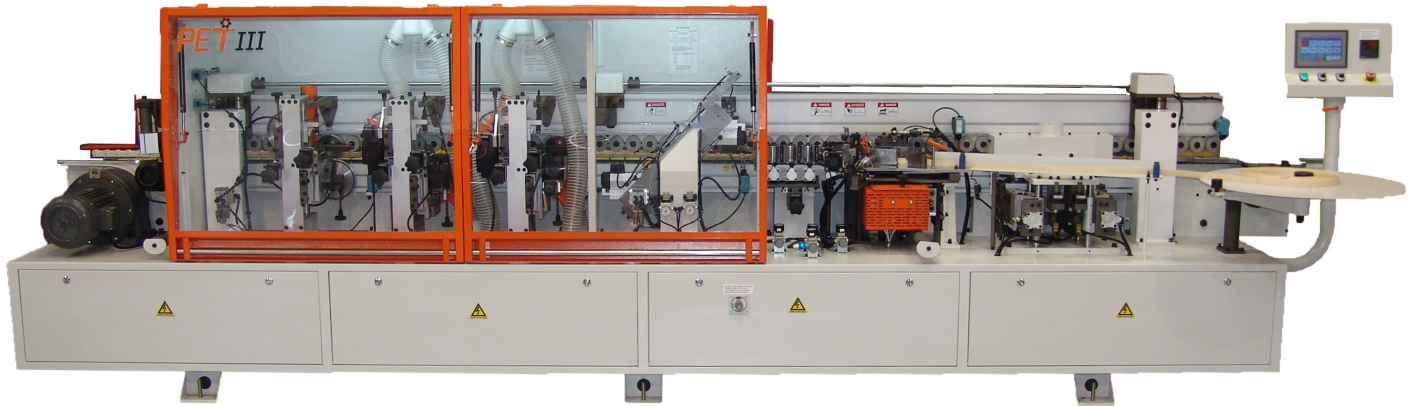


AFTER THE SALE, IT'S THE SERVICE THAT COUNTS!!

## PET III Edgebander

1



PREMILL  
STATION



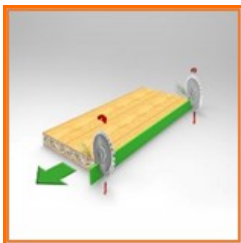
GLUE  
APPLICATION



STRIP FEED  
PLUS  
GUILLOTINE



4-ROLLER  
PRESSURE  
STATION



END TRIM  
STATION



ROUGH TRIM  
STATION



SUPER FINISH  
STATION



FLAT SCRAPE  
STATION



BUFFING



With quality as our benchmark, we engineered an edgebander to last by building it bigger, better and stronger!

**BACKED BY OUR INDUSTRY LEADING**

**\* 2 YEAR \***

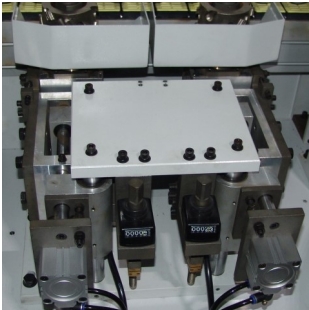
**PEACE-OF-MIND WARRANTY**

# PET SERIES AUTOMATIC EDGE BANDERS

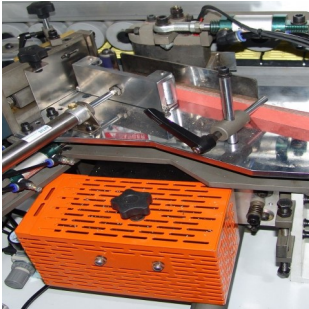
## Model PET III

2

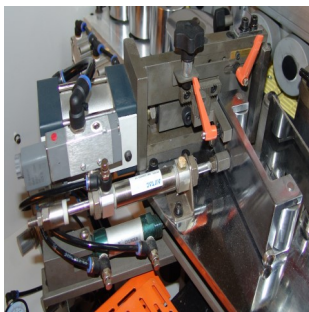
The **PET III Edgebander** comes **standard** with features that are upgrades on our competitors' machines. From the Premill to the Buffing, **each station is independent for a more serviceable machine**. No matter if you are using coil-type edgebanding or pre-cut edgebanding strips, this machine was designed to meet the high quality of product today's market demands. **A set of counterrotating diamond compression milling heads come standard** to produce the sharpest and cleanest edge available. **The glue application is uniquely controlled by a pneumatic metering wiper and hardened application rolled followed by a 4-Roller Pressure Station**. From short to long production runs, our high quality finished product doesn't require touching up after exiting the machine.



**PREMILL STATION:** The Premill Station comes **standard** with **(2) compression diamond tipped milling heads**. The compression diamond tipped milling heads are used to remove any tooling marks left from panel saws or other processing methods in order to achieve a better adhesive bond and a higher quality finish. **Our high frequency counterrotating cutter heads run at a rate of 12,000 rpm with adjustable tracers and digital numerical positioning indicators**. And a pneumatic plunge and retraction PLC controlled machining operation.

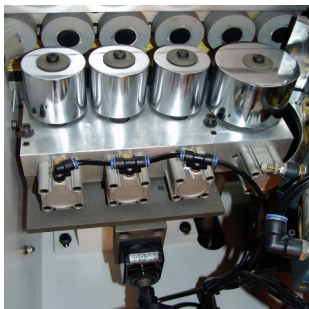


**GLUE STATION:** To ensure a precisely metered glue application on the edge of the panel, our heavy-duty, non-stick coated, glue pot comes with an independent variable-speed drive. **The pneumatic controlled glue metering cylinder allows a more accurate amount of glue to the board's edge**. Our hardened glue application roller and the quick heat-up time ensures years of trouble-free service.



**STRIP FEED SYSTEM:** Our Strip Feed System was specially designed for a smoother intake of coil-type material ranging from 0.4mm to 3mm edge thickness, and stackable pre-cut material such as wood strips or plastic laminates. **The Strip Feed has an independent cut-off switch when using long laminate strips or pre-cut material**.

**GUILLOTINE:** An adjustable pneumatic controlled Guillotine with an independent switch for cutting PVC tape, 3mm PVC tape and all types of wood veneers and plastic laminates. The heavy-duty hardened knife ensures a longer life of quality cuts.



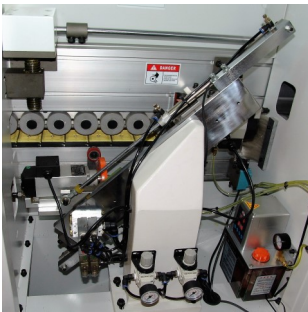
**4-ROLLER PRESSURE STATION:** The 1st roller applies even pressure across the entire edge of the panel; the 2nd and 3rd rollers are conically shaped to apply pressure on the top and bottom of applied edge; and the 4th roller reapplies even pressure across the entire edge of the panel. **Each roller is pneumatically pressurized to ensure a strong adhesion between the panel to the glue and the glue to the edge banding**. The heavy-duty drive transmission ensures the rotation speed of the 1st roller matches the feed speed of the machine.

# PET SERIES AUTOMATIC EDGE BANDERS

## Model PET III

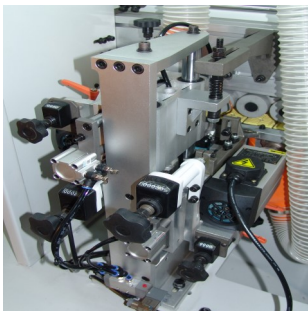
3

The **PET III Edgebander** was designed with large clear viewing hoods equipped with safety switches to promote operator safety and limit noise. All existing high frequency motors come **standard** with **Dynamic Brakes for accelerated motor braking when the hoods are opened**. The twin end trim motors ride on prismatic bearing guides providing one of the strongest and securest End Trim Stations in the industry. The Rough Trim Station removes the majority of material preparing the edge for the Super Finish Station. With the Super Finish Trim Station's beveling capabilities and locking adjustments, it truly is a **"set and forget"** station, living up to its name, **Super Finish**.



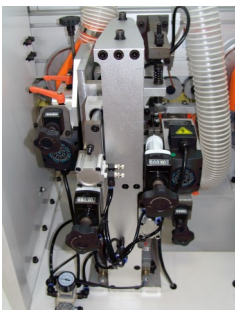
**END TRIM STATION:** (2) high frequency end trim motors sit in a **secure machined way with manual locking devices ensuring an accurate vibration free end trim with a high quality cut on both thin and thick edges of banding**. Precision linear prismatic bearing guides ensure a **flawless end trim**.

- ◆ Both motors can be independently tilted from a 0° to 15° bevel.



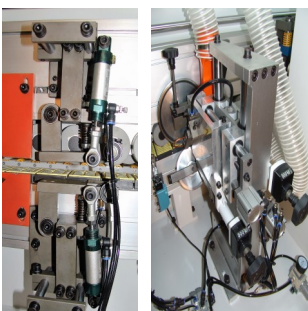
**ROUGH / 1st SUPER FINISH TRIM STATION:** (2) high frequency motors are **manually adjusted to tilt from a 45° to 90° bevel for the final finish top and bottom trim of the panel**. Manual adjustments are **"locked"** in place to ensure there is **no movement** from any vibration.

- ◆ This station is also equipped with an air blow-off on the top cutter and dust collection on both top and bottom cutters.



**2nd SUPER FINISH TRIM STATION / PROFILING STATION for 2MM to 3MM EDGE BANDING :** When machining 2mm to 3mm edge banding this 2<sup>nd</sup> top and bottom super / profiling station is used as the final finish station giving a high quality and accurate profiled edge. **This station comes standard with (2) 6-tooth combination profiled/beveled diamond cutters**.

- ◆ Both above mentioned stations can be tilted any angle between 90 and 45 degrees to accommodate any required combination cutters.



**FLAT SCRAPER STATION:** The Flat Scraper Station is used to remove any residual glue left on the panel caused by squeeze-out. **The flat scraper ensures a clean joint on both sides of the panel surface**.

**Optional 3MM RADIUS SCRAPE STATION** can be installed in place of the flat scraper for an additional, \$3,250.00.

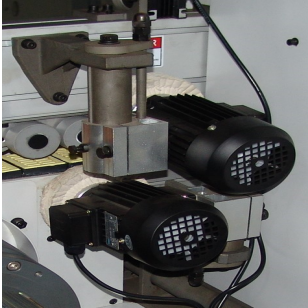
- ◆ The 3mm radius top and bottom scrapers ensure optimum finish on thick PVC edges. **Vertical and horizontal copy wheels produce precise and secure material removal without any vibration**. Scraper extraction and a container to collect scrapings.



# PET SERIES AUTOMATIC EDGE BANDERS

## Model PET III

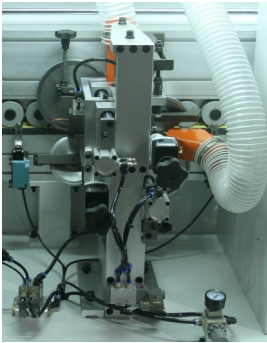
4



**BUFFING STATION:** (2) independent, heavy-duty 3-phase motors soften and polish the sharp edges on the panel. The Buffing Station has (2) fully adjustable universal mounts for easy adjustment. Buffers can be used with either cloth or abrasive discs.



**DIGITAL AUTOMATIC LUBRICATION SYSTEM:** For linear guide bearings on the end trim saws and the main track chain



**Optional 3MM RADIUS SCRAPE STATION:** The 3mm radius top and bottom scrapers ensure optimum finish on thick PVC edges. **Vertical and horizontal copy wheels produce precise and secure material removal without any vibration.** Scraper extraction and a container to collect scrapings.

- High production unit for smoothing radius and chamfered PVC edges: up to 3mm
- (2) vertical and horizontal copy wheels
- Mechanical digital indicators
- Air blow-off to keep scraping ribbon from curling back and being rolled over by copy wheels; also blows scraping ribbon towards the dust port for removal

**PNEUMATIC  
QUICK  
CHANGE  
TECHNOLOGY**

### Optional PQC, Ordered From Factory:

- Fast, precise movement of the **1st Super Finish Station, 2nd Super Finish Station and Radius Profile Scraper Station** for selected material to be applied; **all completed at the touch pad by the operator without opening the hood** and making manual adjustments when switching between 0.5mm to predetermined thicker banding width.

### SPECIFICATIONS

PANEL LENGTH (min.)	125mm
PANEL WIDTH (min.)	100mm
PANEL THICKNESS	10 – 60mm
EDGE BAND WIDTH	12 – 65mm
EDGE BAND THICKNESS	0.4 – 3mm
FEED SPEED (m/min.)	12 / 16 / 20
INPUT VOLTAGE	220V / 3Ph
MIN. AIR PRESSURE (bar/psi)	6 / 90
CHAIN DRIVE MOTOR (kW/hp)	3.7 / 5
L x W x H (mm)	5400 x 1000 x 1600
NET WEIGHT (kg/lb)	1950 / 4300