

# PET IV WITH

PNEUMATIC QUICK CHANGE (\*)

TECHNOLOGY



## AN EDGEBANDER DESIGNED TO MEET YOUR SPECIFIC PRODUCTION NEEDS!

The **PET IV Automatic Edgebander** was engineered with 35 years of working knowledge in the edgebanding industry. From the ground up, our machines were designed from the true workhorses of yesterday coupled with the technology of today. This is NOT the “tin can” edgebander found on the market today. With quality as our benchmark, we engineered an edgebander to last by building it bigger, better and stronger; backed with a **2 YEAR WARRANTY** to ensure you a peace of mind purchase.

The **PET IV Edgebander** is affordable and provides a profitable solution for your edgebanding production needs with the following:

- Maintenance-free Digital Automatic Lubrication System
- Higher Feed Speeds (doubling some of the competitor's rates)
- More Horsepower on both Top and Bottom Trimmer Stations
- Easy to Operate with Operator Adjustments Clearly Labeled at each Station in Detail on Placards
- Diamond Tooling comes **STANDARD** on all Top and Bottom Trimmers and Premill Station
- (\*) **PQC** on 1st Super Finish, 2nd Super Finish and Radius Profile Scraper Stations

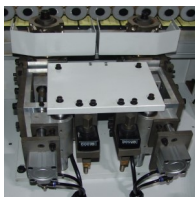


Backed by our  
**Industry Leading**  
**PEACE-OF-MIND**  
**WARRANTY**

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

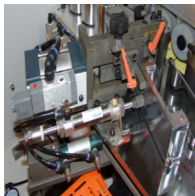
**PROEDGE**  
**TECHNOLOGY, LLC**

# PET IV WITH PQC TECHNOLOGY - STATION FEATURES & BENEFITS



## Premill Station

- (2) 3-hp high freq. motors @ 12,000 rpm
- Diamond counter-rotating compression milling heads
- (2) plunge controlled cutter units
- Built-in dust extraction
- **STANDARD** motorized pressure beam
- Air blow-off for added cleaning effect



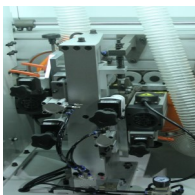
## Strip Feed & Guillotine

- Automatic length trimming for coil-type edgbanding
- Stand-alone guillotine control switch for strip feed
- Large double roller strip feed pressure foot
- (2) feed rollers: (1) reversible/rubber; (1) hardened steel/gnarled
- Cut capacity: up to 3mm PVC



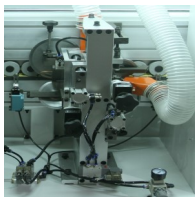
## End Trim Station - 2 Motor

- (2) 0.5-hp high freq. motors @ 12,000 rpm
- Precision linear prismatic bearing guides
- Bevel capability: 1 - 15°
- Secure machined-way with manual lock for a dependable quality cut
- 0.3 - 13mm capacity



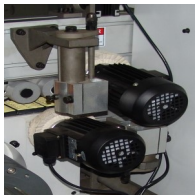
## 2nd Super Finish Station with PQC

- (2) 1.5-hp high freq. motors @ 18,000 rpm
- Air blow-off on top trimmer
- Tilttable chamfer 0 - 45°
- Flush trim: up to 13mm
- (4) axis mechanical digital read-outs
- **STANDARD** diamond profile cutters



## Radius Profile Scraper Station with PQC

- 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.



## Buffing Station

- (2) 0.5-hp motors
- 6" cloth buffing wheels
- Tilttable



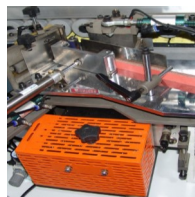
## Digital Automatic Lubrication System

- For linear guide bearings on the end trim saws and the main track chain



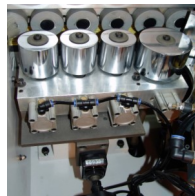
## PQC

- 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



## Glue Station

- 1-hp motor
- Non-stick coated glue pot
- Quick heat-up time: 12 - 15 min.
- Edge glue capacity: 10 - 60 mm
- Feed speed: 12, 16 & 20 m/min.
- Pneumatic metering glue control



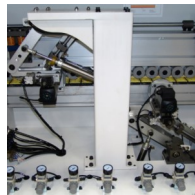
## 4-Roller Pressure Station

- (4) pneumatic controlled pressure rollers
- 1st roller independently driven
- Digital readout for edge thickness
- High quality chrome finished rollers
- (2) regulators independently set for applied pressure



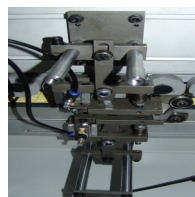
## 1st Super Finish Station with (\*)PQC

- (2) 1.5-hp high freq. motors @ 18,000 rpm
- Tilttable chamfer: 0 - 45°
- Flush cut capacity: up to 13mm
- (4) axis mechanical digital read-outs
- **STANDARD** diamond cutters



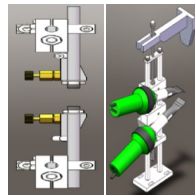
## Corner Rounding Station - 2 Motor

- (2) 0.5-hp high freq. motors @ 12,000 rpm
- Feed speed: 12 & 16 m/min.
- Edge capacity: 0.4-3mm x 30mm ht.
- Used on waterfall, bullnose or 90° smooth edge
- **STANDARD** 3mm radius cutters



## Flat Scraper Station

- Pneumatically controlled from PLC
- Removes residual glue left on panel caused by squeeze-out
- Air blow-off; for added cleaning effect



## Misting Station

- Spray chemicals on top and bottom of panel: anti-static coolant agent, cleaning agent or protecting agent

## (2) Hot Air Blowers

- Brings high gloss shine back to PVC banding after the 3mm Scrape Station

| SPECIFICATIONS              | PET IV             |
|-----------------------------|--------------------|
| PANEL LENGTH (min.)         | 125mm              |
| PANEL WIDTH (min.)          | 100mm              |
| PANEL THICKNESS             | 10 – 60mm          |
| EDGEBAND WIDTH              | 12 – 65mm          |
| EDGEBAND 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)              | 7100 x 1000 x 1600 |
| NET WEIGHT (kg/lb)          | 2500 / 5500        |