



# EDGE-BANDING MACHINE



## MAX350M

OAV's Edge Bander MAX350M is the compact machine choice with pre-milling function. In coils up to 3mm thick, and strip up to 4mm thick, this affordable machine is equipped with 1.2KG capacity glue tank, auto gluing, edge cutting, pre-milling end trimming, flush trimming and scraping, and buffing functions. Featuring a user-friendly adjustment with numerical indicators as well as an LCD display for temperature control, 7M feeding speed. It allows for stable and reliable working conditions which will raise the quality of your products while also saving time



**Edge Feeding for Coiled Materials**  
Edge feeding is automatic for roller materials with a thickness of 0.4-3 mm



**Glue Pot**  
The 1.2 kg Teflon-coated glue pot is designed for EVA hot-melt glue. The glue is applied with an adjustable glue roller.



**End Cutting Unit**  
The unit is mounted on high-precision linear bearings, which ensure perfect cutting results. It meets challenge for different type of edge.



**Scraping Unit - Radius Scraping Unit**  
The scraping unit fine-tunes the edge radius and removes excess glue.



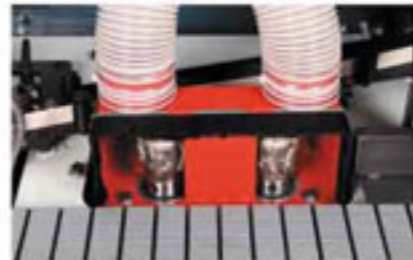
**Operating Panel with LED Keypad**  
- Glue temperature settings  
- Units can be selected and disengaged individually  
- Heating fence is standard



**Guillotine Shears**  
Coiled material up to 3 mm in thickness can be trimmed by the guillotine shears.



**Buffing Unit**  
The buffing unit leaves a super finish on ABS and PVC edging, and removes any discoloration on the edges, which is especially noticeable when working with dark edge material.



**Pre-milling Unit**  
Two diamond milling heads make sure the workpiece edge is absolutely straight to the material of edge being glued.



**Pressure Roller**  
The pressure roller unit is to improve the bond between the edge and the material. The unit is mechanically spring-loaded and due to the "Quick" setup system, can be adjusted exactly to the required edge thickness.

**Flush Trimming**  
The adjustment of the settings from flush to radius trimming for thicker edges, is quick and easy. TC 2 mm radius tooling is included as standard.



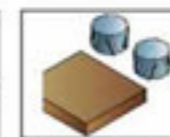
**Heavy-duty Chain Feeder**  
The steady work-piece feeding mechanism is comprised of a chain and set of drive rollers, which will leave no scratches on the work-piece surface.

## SPECIFICATIONS

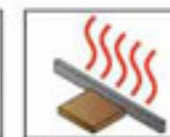
| MODEL                                | MAX350M   |
|--------------------------------------|---|
| Feeding speed                        | 7 M/min.  |
| Panel Thickness                      | 12-45 mm (Pre-milling standard is 32 mm, 45 mm is optional) |
| Edge Thickness                       | 0.4 - 3 mm  |
| Mini. Panel width                    | 90 mm   |
| Mini panel length                    | 90 mm   |
| Working table height                 | 856 mm  |
| Extensible support width             | 560 mm  |
| Extraction connector Ø in mm         | Ø 4"  |
| Motor                                | 6 kw  |
| Overall Size (L x W x H)             | 3,200 x 1,200 x 1,200 mm                                    |
| Weight, kg (with standard equipment) | 528 kgs / 660 kgs (N.W./G.W.)                               |
| Packing size (L x W x H)             | 2,820 x 720 x 1,320 mm                                      |
| Container Qty (20'/40')              | 6 sets / 12 sets  |
| Pre-milling                          | 9000 r.p.m.   |
| Up/down                              | 10500 r.p.m.  |
| Front/rear                           | 8800 r.p.m.   |
| Buffing                              | 2800 r.p.m.   |
| Power (kW) of each motor             |   |
| Feeding motor                        | 0.75 (Kw)   |
| Pre-milling motor (2pcs/set)         | 1.5 (Kw)  |
| Glue spindle motor                   | 0.25 (Kw)   |
| Front/rear trimming motor            | 0.18 (Kw)   |
| Upper trimmign motor                 | 0.55 (Kw)   |
| Lower trimmign motor                 |   |
| Upper buffing motor                  | 3 ph - 0.12 (Kw); 1ph-0.18(Kw)                              |
| Lower buffing motor                  | 3 ph - 0.12 (Kw); 1ph-0.18(Kw)                              |
| Pre-heating                          | 0.4 (Kw)  |
| Glue pot heating (5 elements)        | 1.315 (Kw)  |



Feeding chain



Premilling unit



Preheating unit



Glue shaft



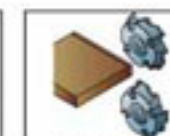
Guillotin shear



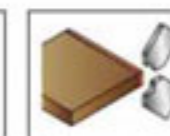
Pressure roller unit



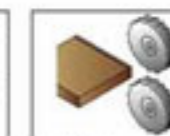
End cutting unit



Flushing trimming unit



Radius scrap unit



Buffing unit