



# EDGE-BANDING MACHINE



## MAX340M

OAV's brand new Edge Bander MAX340M combines an excellent user experience with top-quality banding. This affordable machine is equipped with end trimming, flush trimming and scraping, and buffering functions. Featuring an user-friendly adjustment with numerical indicators as well as an LCD display, it allows for stable and reliable working conditions which will raise the quality of your products while also saving time.

The MAX340M is the perfect choice if you are looking to optimize your investment and take your organization's output and performance to the next level!

## SPECIFICATIONS



### Operating panel with LED keypad

- Glue temperature settings
- Units can be selected and disengaged individually
- Heating fence is standard



### 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.



### Pressure Roller

The pressure roller unit consists of one large roller, followed by a smaller one.

The purpose of the unit is to improve the glue 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. The adjustable spring system allows for a perfect bond between the panel and edge every time.



### Gullotine Shears

Coiled material up to 3 mm in thickness can be trimmed by the gullotine shears.



### 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.



### End Cutting Unit

The unit is mounted on high-precision linear bearings, which ensure perfect cutting results, meets any challenge, regardless of edge type and thickness.



### Edge feeding for coiled materials

Edge feeding is automatic for roller materials with a thickness of 0.4–3 mm



### Scraping Unit – Radius Scraping Unit

The scraping unit fine-tunes the edge radius and removes excess glue.



### 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.

### Flush Trimming Unit

The standard copy roller disc for flush trimming unit is accurate, does not damaged the workpiece, and produces a better finish.

FEATURE	DESCRIPTION
PLC control, with separate controls for each unit. The frame is constructed from solid steel, making it both stable, and reliable	Can apply straight edges to panels with an automatic feed, and spreads glue directly onto wood or plastic edges in coils up to 3mm thick and strips up to 4 mm thick.
Min. panel size	120 x 120 mm
Automatic stand-by temperature	The electronic temperature control automatically.
Glue Pot	The Teflon-coated glue pot has a capacity of 1.2 kgs, and includes 5 heating elements, ensure a quick heat up time
Trimming cut-off for front/rear edge express	The working cycle is controlled by PLC, with separate controls for each unit.
Dust device	The high-efficiency dust port allows dust to be collected directly under the table, for a clean work environment.
Flush with trimmers copying pads.	Copying disc, numerical indicators for adjustments, combined
Overhead protection guard	TCT cutters beveled/radius The guard can be lifted, to allow for checking on small edge banding jobs.
Panel thickness	12 –45mm (numerical panel thickness indicator)
Edge thickness	Min-Max 0.4-3.0 mm/up to 4.0 mm for strips
Feeding motor	3ph-0.56 kw : 1ph-0.75kw (automatic panel belt feeder). The large working table with chain system is capable of supporting large panels. Includes an extensible support for large panels.
Feeding speed	5m/min
Glue & edge	0.18 kw
Heating elements	5 pcs with 1.2 kw
Heating In-feed fence	0.32 kw (pre-heats the panel for better glue penetration, in order to achieve a good finish)
End trimming motor	0.18 kw 80mm (Automatic front/rear cut off trimming, and flush trimming and buffing on both sides of the work piece)
Flush trimming motor	0.56 kw
Buffing Unit	3ph-0.12 kw:1ph-0.18kw *2 - 120 mm - 3000 RPM (Cleans and polishes edges)
Scraping Unit	Radius = 2 mm
Total power installed	3.8 kw
N.W. / G.W.	440 KGS / 507 KGS
Packing dimension	2250 x 720 x 1270 mm
Working dimension	2910x 1180 x 1200 mm
Loading Qty per container(20ft /40ft)	8/16 set