



# MX350M

AUTOMATIC EDGEBANDER WITH PREMILLING



**HEAVY-DUTY CHAIN FEEDER**  
The steady work-piece feeding mechanism is comprised of a chain and set of drive rollers, which will not scratch the work-piece surface.



**EDGE FEEDING FOR COILED MATERIALS**  
Edge feeding is automatic for roller materials with a thickness of 0.4–3 mm



**OPERATING PANEL WITH LED KEYBOARD**  
Glue temperature settings, units can be selected and disengaged individually, heated fence is standard



**PRE-MILLING UNIT**  
(2) diamond milling heads which are counter rotating mill the edge of the panel prior to applying the edgbanding for precise squareness and optimum edge results. Maximum Removal of 3mm



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## AUTOMATIC EDGEBANDER WITH PREMILLING



### GLUE POT

The 1.2 kg Teflon-coated glue pot is designed for EVA hot-melt glue. The glue is applied by a roller and the glue amount is adjustable



### 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



### GUILLOTINE SHEARS

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



### END TRIMMING

Unit is mounted on high-precision linear bearings, which ensure perfect cutting results. The high RPM saw blades meet any challenge, regardless of edge type & thickness



### FLUSH & RADIUS TRIMMING UNIT

The standard copy roller disc for flush trimming unit is accurate, does not damage the work piece, and produces an optimum finish.



### RADIUS SCRAPING UNIT

The scraping unit fine-tunes the radius edge 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



### PANEL THICKNESS SETTING

Panel thickness adjustment is quick and accurate & is achieved by a handwheel with digital readout

## FEATURES

- PLC control system with LED display and keypad
- Work-piece is fed by chain
- Edge coil support plate: Ø 800 mm (31.5"), for PVC/ABS
- Automatic edge feeding with a thickness capacity of 0.4-3 mm
- Coiled edge bands up to 3 mm in thickness in Hard-PVC/ABS are cut with guillotine shears.
- 1.2 kg (2.64 lb) Teflon-coated hot-melt glue pot
- Spring loaded pressure unit with (2) pressure rollers (1 chrome & 1 rubber)
- Pre-milling unit with (2) counter rotating diamond cutterheads for precise edge quality.
- 8800 RPM dual saw blade (80mm / 3.15") end trimming unit
- 10500 RPM top & bottom trimmers with insert knife cutters for radius trimming & bevel trimming
- Top & Bottom trimmers use copy tracing wheels for optimum finishing results without scratching the face of the workpiece
- Radius scraper with 2mm radius
- 2800 RPM top & bottom buffing units
- Heavy duty pressure beam with extendable work-piece support
- Heated infeed fence for pre-heating the panel for optimum glue penetration
- Mechanical digital readouts for convenient and quick adjustment to the working units & thickness

## SPECIFICATIONS

Feeding speed	23 FPM	7 m/min.
Panel thickness	0.472~1.77"	12~45 mm
Edge thickness	0.0158"~0.118"	0.4 ~ 3 mm
Minimum panel width	3.54"	90mm
Minimum panel length	3.54"	90mm
Working table height	33.7"	856mm
Extraction connection	4"	100mm
Premilling spindle speed	9000 RPM	
Top & bottom trimmer RPM	10500 RPM	
Max. machine dimensions (LxWXH)	126" x 47 1/4" x 47 1/4"	3200 x 1200 x 1200mm
Machine weight	1162 lbs	528 kgs