



T-EB 156

EDGEBANDING MACHINE



T-EB 156 is a professional series TURANLAR edge banding machine. It is possible to perfectly perform many of the edge banding processes, especially pre-milling before applying edge materials to panel and contour top-bottom trimming unit in order to round top & bottom and corners of the panel.

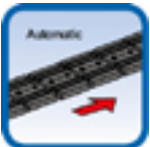
Modern functional design and strong machine structure maintain the machine's trouble-free operation and offers also operating convenience by PLC based control in addition to improved safety conditions for users.

T-EB 156 perfectly performs premilling, gluing, top-bottom contour trimming, radius scraping and buffing processes.

High frequency motors, electrical components, pneumatic system and some other parts inside the machine supplied from most reputable European producers and that guarantees perfect production quality and long service life.

T-EB 156 can easily operate at speed of 12 mt / min and can apply all popular edge materials (PVC, ABS, Melamine, Veneer, Solid wood etc.) to all types of panel up to 3 mm thickness with high precision.

UNITS :



CONVEYER UNIT



PLC CONTROL UNIT



PRE-MILLING UNIT



GLUE UNIT



GUILLOTINE UNIT



PRESS UNIT



CONTOUR BOTTOM
TRIMMING UNIT



CONTOUR TOP
TRIMMING UNIT

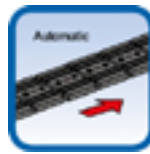


SCRAPING
UNIT

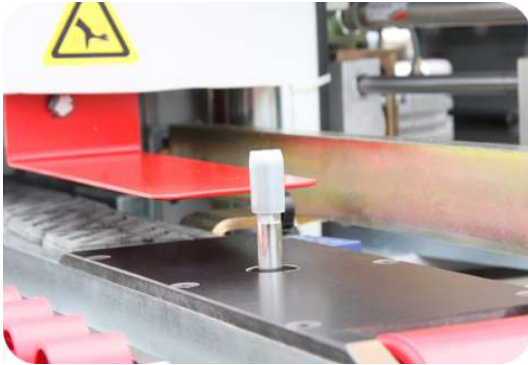


BUFFING UNIT

CONVEYER:

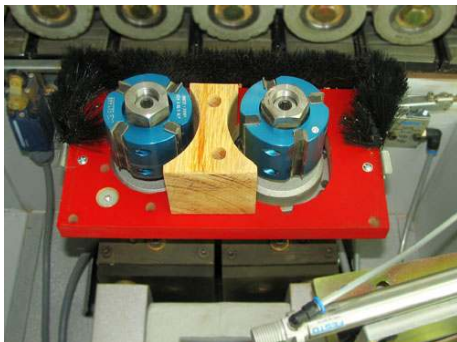


PNEUMATIC STOP:



One of the most significant features of this machine is pneumatic stop system. This system prevents a panel from entering to the cutting process until the previous panel has exactly left the unit. This ensures the panel not to be damaged by end cutting unit.

PREMILLING UNIT:



Premilling saws equipped with two high frequency milling motors (12000 rpm each) ensures perfect preparation of panel for gluing by eliminating its faults and making it smooth and even.

GLUE UNIT:



Glue unit provides outstanding gluing quality with hotmelt glue type. Glue basin is covered with the special aluminum chemicals for high performance at the high temperature. The glue joint between edge band and panel is not only hardly visible, but also capable of withstanding all outside effects.

GUILLOTINE UNIT:



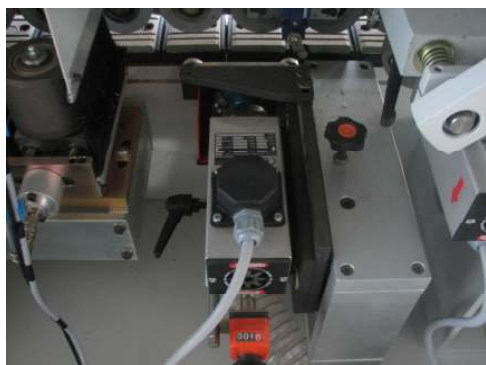
Guillotine cuts PVC and other edge materials with approximately 6 -10 mm tolerance.

PRESS UNITS:



Due to three cylinder press units, PVC, ABS and other edge materials up to 3 mm thickness can be easily applied to panel.

CONTOUR BOTTOM TRIMMING:



Equipped with two high frequency trimming motors (12000 rpm each) for rounding (trimming with radius) bottom and corner of the panel's edges.

CONTOUR TOP TRIMMING:



Equipped with two high frequency trimming motor (12000 rpm each) for rounding (trimming with radius) top and corner of the panel's edges.

RADIUS SCRAPING UNIT:



Radius scraping unit scrapes premilled edge material by using profiled cutters and provides perfect finish.

BUFFING UNIT:



Equipped with two motors (1400 rpm each) for polishing surface of panel.

SAMPLE PROFILES:



TECHNICAL DETAILS

Electrical Level:	400V- 50 Hz.
Nominal Current:	20 A
Edge Material Thickness:	0, 4 – 3 mm
Board Thickness:	10 – 46 mm
Speed:	12 mt / min
Total Electrical Power:	10, 2 kW
Total Air Pressure:	6 bar
Total Air Usage:	230 lt / min
Working Height:	870 mm
Buffing Motor:	2 x 0, 18 kW 1400 rpm
Front Milling:	2 x 1, 5 kW 12000 rpm
Trimming:	4 x 0,37kW 12000 rpm
Machine Width:	920 mm
Machine Length:	4500 mm
Machine Height:	1600 mm
Machine Weight:	1680 kg



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