

TURANLAR**T-EB 151****EDGEBANDING MACHINE**

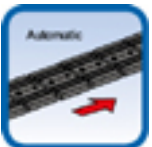
T-EB 151 is a economical series TURANLAR edge banding machine. Perfect cleaning –zero tolerance - of front & rear sides of the panel by end cutting unit with two angled saws and two high frequency motors , top bottom trimming and finish by scraping - buffing units are offered in single machine.

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

T-EB 151 perfectly performs gluing, bonding, end cutting, top & bottom 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 151 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



GLUE UNIT



GUILLOTINE UNIT



PRESS UNIT



END CUTTING UNIT



TOP & BOTTOM TRIMMING UNIT

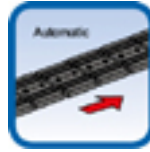


SCRAPING UNIT

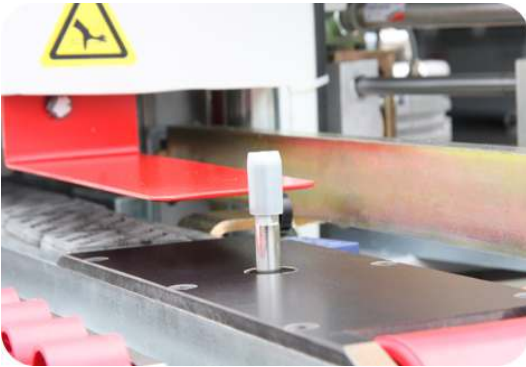


BUFFING UNIT

CONVEYER:

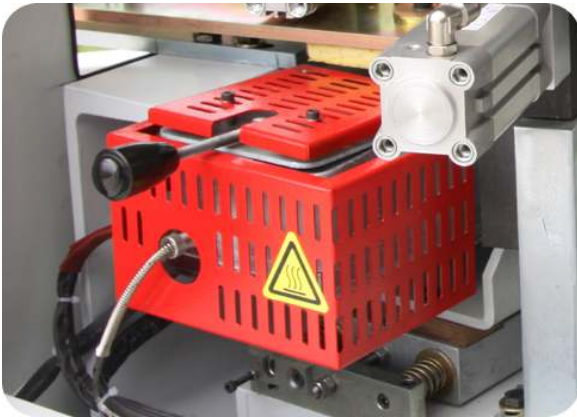


PNEUMATIC STOP:



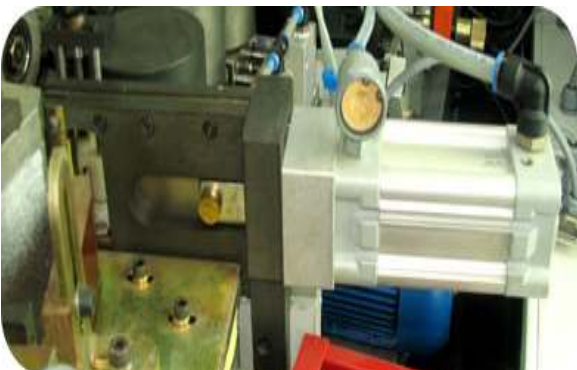
One of the most significant features of this machine is pneumatic stop system. This system prevents a panel from entering to the cutting process until the previous panel has exactly left the unit. This ensures the panel not to be damaged by end cutting unit.

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. Press units work synchronously with glue pot axle and as a result glue applying and pressing to the panel could be harmonically done and do not led to any problem

END CUTTING UNIT:



Two angled saws with two individual high frequency motors (12000 rpm each) cut away excesses from the front and rear of the edge material quickly and with precision. By the angled saws, excess edge materials can be cut perfectly and does not cause any damage on the panel.

TOP & BOTTOM TRIMMING:



Top & Bottom trimming units with two individual high frequency motors (12000 rpm each) clean top & bottom excesses of panel with accuracy.

RADIUS SCRAPING UNIT:



Radius scraping unit scrapes pre-trimmed edge material by using profiled cutters and provides perfect finish.

BUFFING UNIT:



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

SAMPLE PROFILES:



TECHNICAL SPECIFICATIONS

Electrical Level	:	400 V – 50 Hz
Nominal Current	:	14 A
Edge Material Thickness	:	0,4 – 3 mm
Board Thickness	:	10 – 45 mm
Speed	:	12 mt / min
Total Electrical Power	:	6 kW
Total Air Pressure	:	6 Bar
Total Air Usage	:	40 lt / min
Working Height	:	880 mm
End Cutting Motor	:	2 x 0,37 kW 12000 rpm
Buffing Motor	:	2 x 0,18 kW 1400 rpm
Machine Width	:	940 mm
Machine Length	:	3300 mm
Machine Height	:	1600 mm
Machine Weight	:	900 kg



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