

MAXICUT
Automation

Automatic Edge Banding with **MD60-5B**
Corner Rounding

1. Edging 2. End Cutting 3. Fine Trimming 4. Corner Rounding 5. Scraping 6. Buffing



FEATURES

- 7" User friendly PLC Touch Screen
- Individual Motors for all the Operations
- Conveyor speed 11 - 23 m/min

CONFIGURATION DETAILS



1. Control Panel

Use the control system imported from Taiwan and the 7-inch large-screen for Simple operation. Adopt the perfect Combination of humanized pictures and Characters in the program.



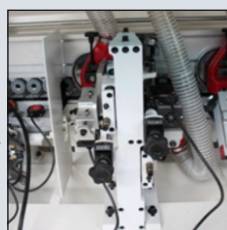
3. Uniform device

To achieve a level and smooth cutting Surface with precise linear guide operation, Automatic profile monitoring and High frequency and High speed motor Fast cutting system are used.



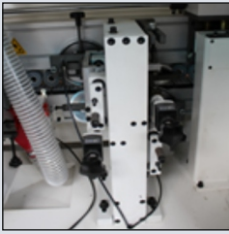
2. Sol Gluing Edge Bonding Device

With special structure, glue leakage is Reduced, so that both sides of the bonding Board are bonded material is evenly glued. Four high-precision pinch roller sets (two vertical and two conical) are used to fasten the rim strip firmly to the board.



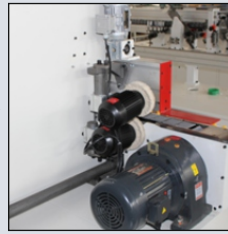
4. Rough Trimming Device

Use the control system imported from Taiwan and the 7-inch large-screen for Simple operation. Adopt the perfect Combination of humanized pictures and Characters in the program.



5. Scraping Device

The device is used to clear the ripple marks Caused by the cutting process of non-linear Trimming movement and make the banding Part of the board smooth and neat.



6. Buffing Device

The cotton buffing wheel is used to polish and clean the processed board, And remove the excess glue between the Edge banding strip and the board, so as to make the connection of banding end face Clean and smooth.

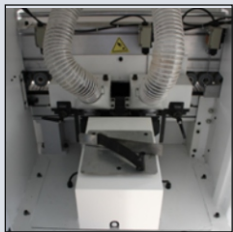


7. Fine Trimming Device

The automatic profile tracking and high-frequency and high-speed motor fast-cutting structure are adopted, To make the upper and lower parts of the trimming board flat and smooth and to cut the excess banding Materials in upper and lower parts of edge banding trip of the processed board.
Fine trimming function: The R-shape finishing knife is Used for the second inclined trimming process, To trim the excess edge-banding materials processed with rough trimming in the upper and lower parts of the Edge banding strip of the processed board, and at the same time to enable the arc-shaped natural Transition between the board and the strip.

The Edge Banding Strip with a Thickness of More than 0.8 mm is preferable.

ADAPTING FUNCTION

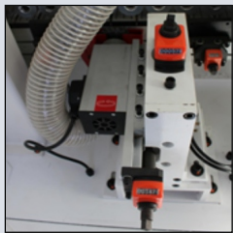


Pre-Milling

The process is used to mill the gluing surface of the board so that the board can be glued More easily and the edge banding trip Can be pasted more firmly

Profile Tracking

It is used to track the trimming Shape of the board, making its Corner round and smooth, with Beautiful banding appearance.



Slotting

The horizontal (double-motor structure) slotting mode is used for the door casing of the board. The vertical (single-motor structure) slotting mode is used for the back plate of the board.


TECHNICAL PARAMETER

Thickness of panel	10 - 60mm
Width of panel	≥60mm
Length of panel	≥80mm (≥120mm)
Thickness of belt	0.4 - 3mm
Panel feeding speed	10 - 23m/min
Air pressure	0.7Mpa
trimming motor	2 x 0.37kW 12000r/min 200Hz
Fine trimming motor	2 x 0.75kW 18000r/min 300Hz
Corner rounding motor	2 x 0.3kW 18000r/min 300Hz
Buffing motor	2 x 0.25kW 1400r/min 50Hz
Heating power of glue tank	2.05kW
Power of accessional heater	0.5kW
Panel feeding motor	2.2kW 50Hz
Glue spindle motor	0.75kW
Outline size	5414 x 900 x 1520mm
Weight	2045kg
Total power	8.84kW (12HP)



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