

Semi Automatic Edge Banding

**MD45S**

1. Edging 2. End Cutting 3. Fine Trimming 4. Scraping - Buffing

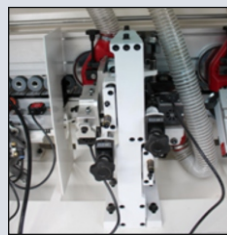


**CONFIGURATION DETAILS**



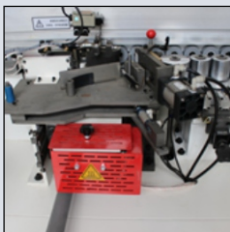
**1. Control Panel**

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.



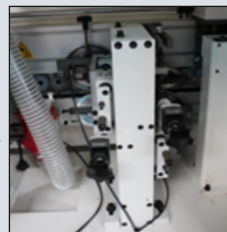
**4. Rough Trimming Device**

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.



**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.



**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.



**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.



**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.



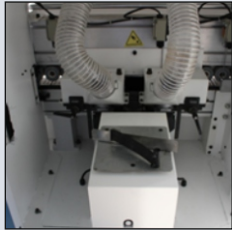
### 7. Fine Trimming Device

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

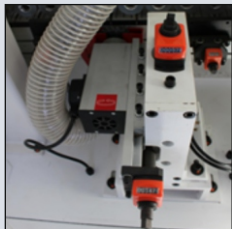
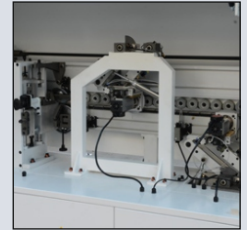


### Pre-Milling

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	10-45mm
Width of panel	≥60mm
Length of panel	≥80mm
Height of belt	12 - 47mm
Thickness of belt	0.3 - 3mm PVC
Panel feeding Speed	0 - 14m /min
Air pressure	0.7mpa
End trimming motor	2 x 0.5kW 12000Rpm 200Hz
Fine trimming motor	2 x 0.5kW 12000Rpm 200Hz
Power of accessional heater	0.12kW
Buffing motor	2 x 0.25kW 50Hz 1400Rpm
Heating power of glue tank	2.6kW
Panel feeding motor	1.1kW
Glue spindle motor	0.75kW 50Hz
Outline size	2980 x 940 x 1260mm
Weight	1000kg
Total power	7.07kW (9.5Hp)



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