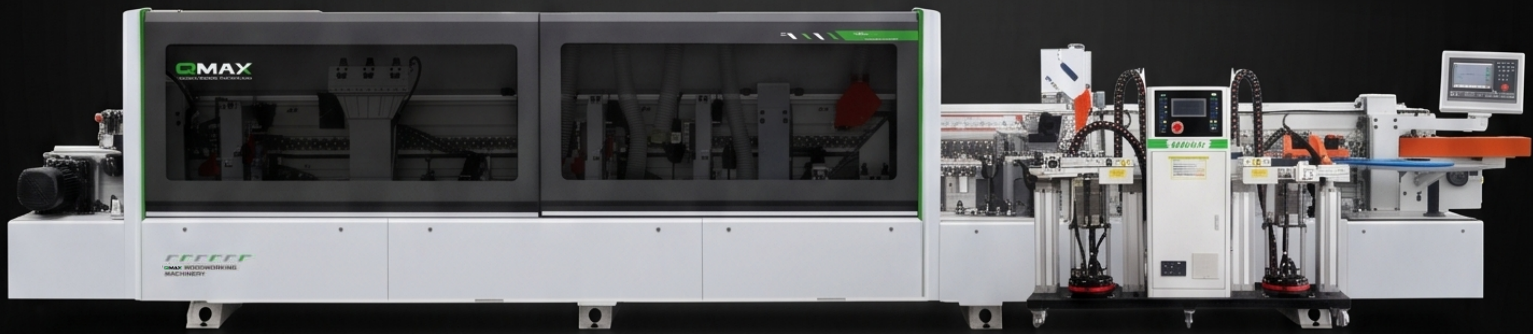


EDGE BANDING MACHINE HD6211C



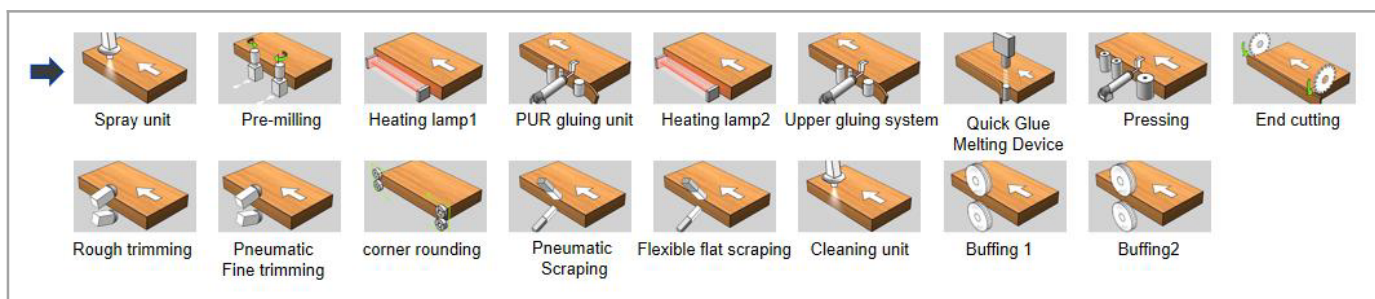
Fully Automatic High-Speed Edge Banding Machine:HD6211C



(Pic for reference only)



Edge Banding Process



Technical data

Overall dimensions	About 7300x900x1700mm
Weight	About 3000kg
Total Power	About 18kw
Lifting	Electric lifting
Feed speed	14m-20m-23m/min
Edge thickness	0.4-3mm
Minimum sheet size	120x80mm
Working air pressure	0.6Mpa

Description

Control System

- 1 - Display of current and voltage values
- 2 - Intelligent IO monitoring
- 3 - Inverter error code display
- 4 - Automatic edge banding counter
- 5 - Intelligent inverter monitoring
- 6 - User-friendly interface



Industrial control integrated operation 21.5 inch

Touch screen and computer operation in one, easy to operate and maintain.



Separation Agent Device

It serves a separation function to address the issue of hot melt adhesive contaminating the board surface after glue application.



Pre-Milling

(Maximum milling depth should be $\leq 1\text{mm}$)

Removes surface various defects from the panel edge to ensure optimal edge banding quality.

Pre-milling tool height=40mm



Panel Heating Unit

When the temperature is low, the heating unit warms the panel's gluing surface before glue application, ensuring a stronger bond and a more perfect edge sealing.

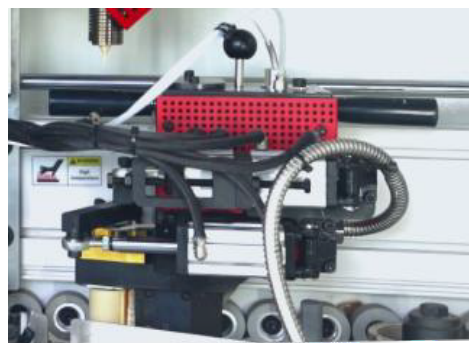
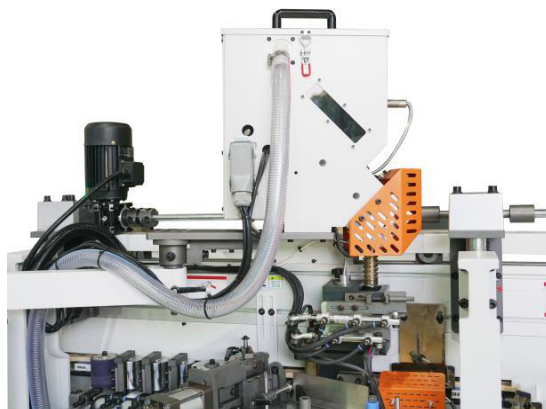


Gluing Unit 1: 2KG PUR glue melter



Gluing Unit 2: Fast-Melting Adhesive + Upper Glue Pot Coating System + Automatic Glue Granule Supply

The adhesive amount is well-controlled, with good thermal conductivity, stable operation, uniform coating, stronger adhesion, and a more perfect edge sealing effect.



Pressing Unit

Each steel wheel is equipped with a glue scraper for quickly removing adhesive stuck to the pressing wheels; the silicone wheel ensures a stronger pressing effect.

1st has scraper

2nd has glue scraper

3rd & 4th no glue scraper



End cutting

Quickly cutting the front and rear edge sealing tapes, with two saw blades aligned front and rear, achieving high precision and efficiency.



Rough trimming+Pneumatic Fine trimming

The excessive use of edge banding on both upper and lower sides facilitates rapid leveling, resulting in a more perfect edge finishing effect.

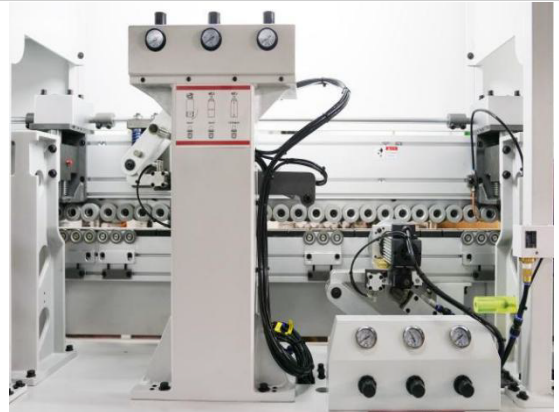
Pneumatic adjustment, quick change over of screen;

Ensuring that the upper and lower edges of the edge sealing tape are flush and smooth with the upper and lower surfaces of the wood board.



Corner rounding

The corner rounding (chamfering) makes the four corners of the panel round and beautiful.



Different-shaped panels can be trimmed to fit



Pneumatic Scraping

Independent scraping and scraper separation box;
Pneumatic adjustment with quick change over of screen;

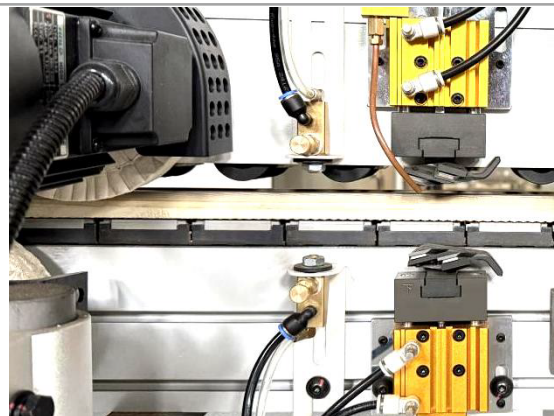
Remove the knife marks left by the trimming knife and refine the rounded corners (R) further.



Flexible Flat Scraper + Cleaning

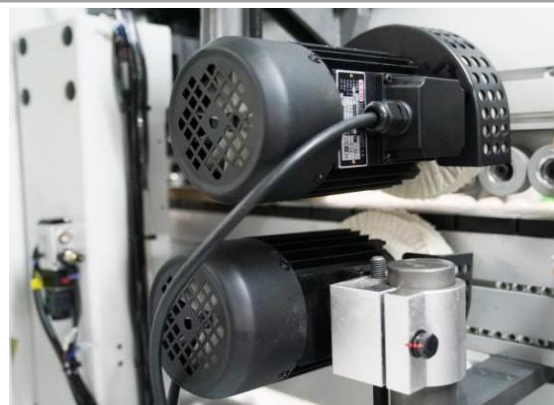
Agent Device

Flexible Flat Scraper: Removes excess adhesive and impurities from the board surface, ensuring the workpiece is clean and aesthetically pleasing.
Cleaning Agent Device: Dilutes residual hot melt adhesive, making the board surface easier to clean.



2 sets buffing

Remove excess glue residue to make the edge sealing tape smoother and cleaner.



Deceleration motor

4kw power, stable operation.

**Rubber coated supporting wheel**

The front and rear auxiliary supporting wheels are equipped with rubber coated supporting wheels to prevent the plate from knocking.

