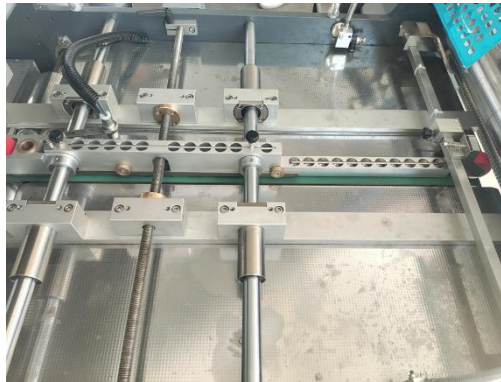
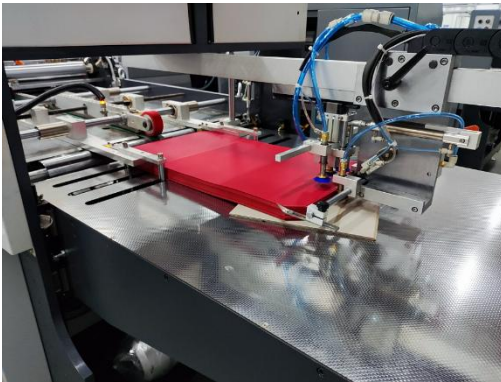

AFM450B/600B Automatic Case Maker

Automatic case maker adopts automatic paper feeding system and automatic cardboard positioning device; there are features of accurate and quick positioning, and beautiful finished products etc. It is used to make perfect book covers, notebook covers, calendars, hanging calendars, files and irregular cases etc.

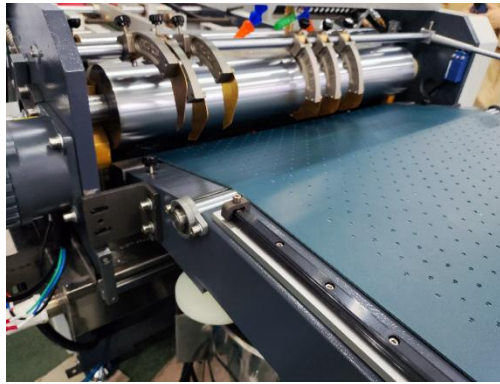
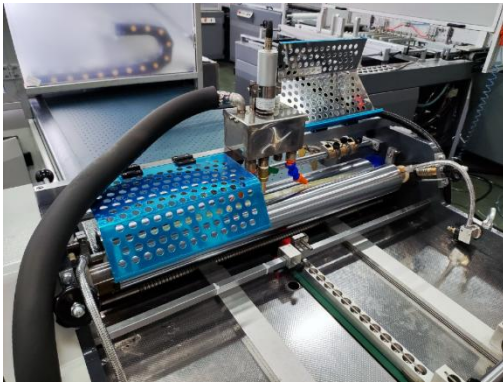


Features:

1. Automatically pneumatic paper feeder
2. Pre-delivery platform with double sheet detector.
3. Automatically delivering for cardboards, Max. 6pieces;



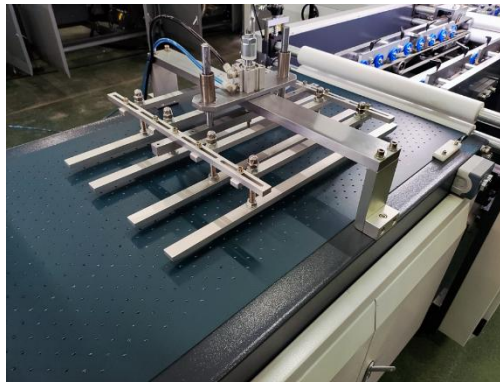
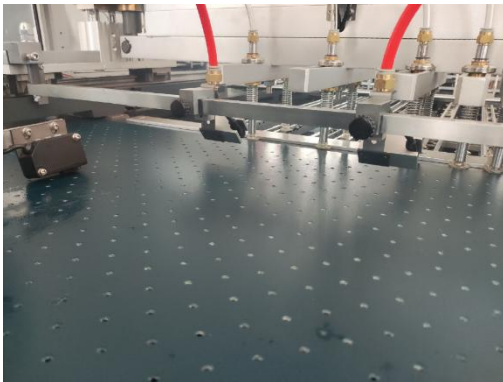
4. Hot melting glue circulation system(Optional: viscosity controller for controlling the glue viscosity in real time.)



5. Servo and sensor Positioning correction system. (Optional: 4 Sensors positioning system or camera robot positioning system)

6. Pre-press device ensure the board firmly pasted on the glued paper.

7. Automatically folding and forming case four-edge. Long edge adopts belt folding design, short edge adopts mold folding design.

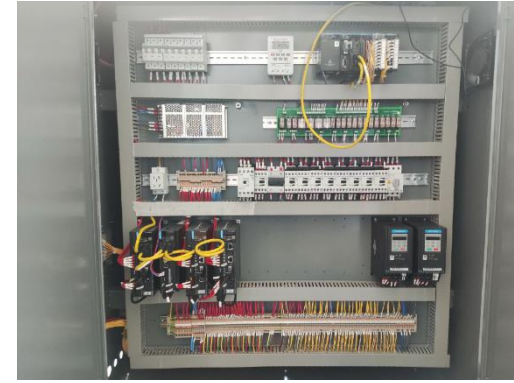
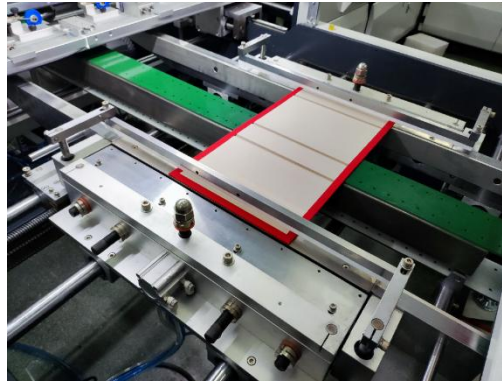
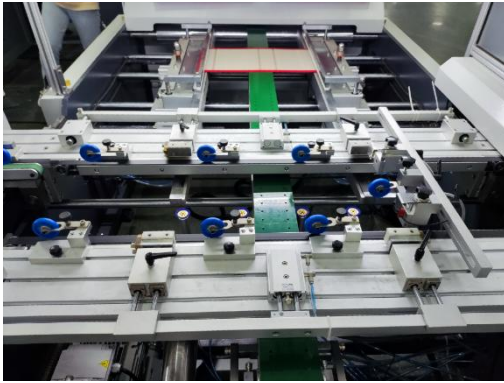


8. Four corners pressing adopts cylinder system, unique design of bottom sucking system for delivery, avoid the scratches on the cover.

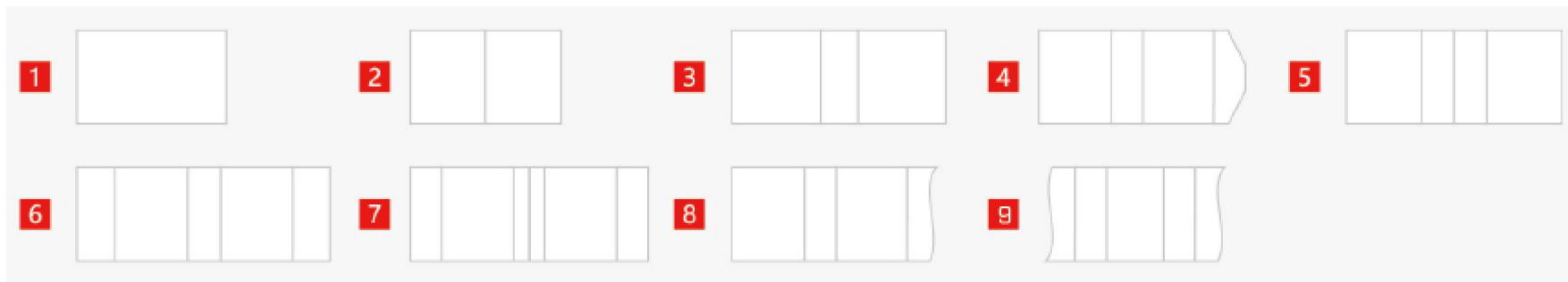
9. Short edges wrapping adopts mold folding design which is available to make Irregular shape cases.

10. Intelligent touch screen display and operate system.

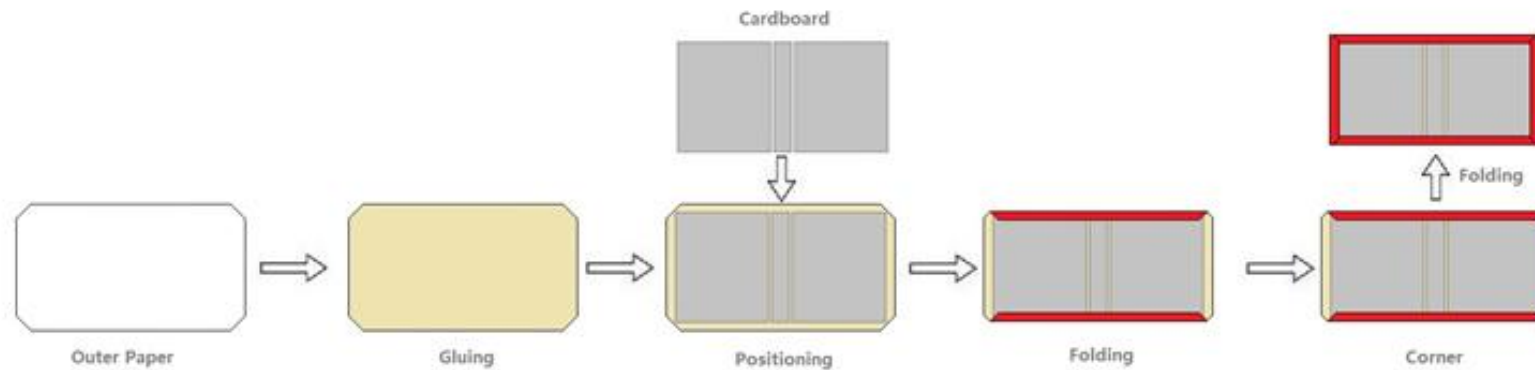
11. Control system, automatic checking trouble, adjusting more convenient and quick. Decrease waste of raw materials.



Product Sample:

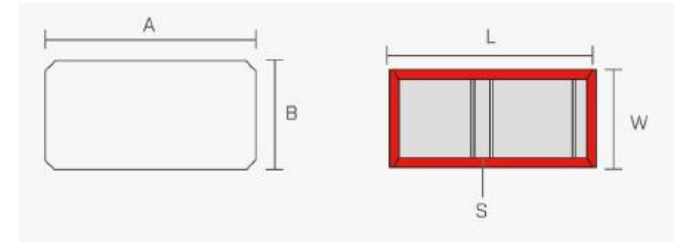


Production Flow:



Main Technical Parameters:

		AFM450B	AFM600B
1	Case size(A×B)	MIN: 100×190mm MAX: 450×800mm	MIN: 100×190mm MAX: 600×1000mm
2	Paper size(A×B)	MIN: 100×190mm MAX: 460×830mm	MIN: 100×190mm MAX: 630×1030mm
3	Paper thickness	80~200g/m ²	80~200g/m ²
4	Cardboard thickness(T)	1~3mm	1~3mm
5	Min. spine size (S)	8mm	8mm
6	Folded paper size(R)	10~18mm	10~18mm
7	Max. quantity of cardboard	6pcs	6pcs
8	Precision	±0.25mm	±0.25mm
9	Production speed	≅ 35sheets/min	≅ 35sheets/min
10	Motor Power	12kw/380V 3phase	13kw/380V 3phase
11	Machine weight	3500kg	4500kg
12	Machine dimension (L×W×H)	L7800×W2100×H1550mm	L8900×W2250×H1550mm



Remark:

1. The Max. and Min. sizes of cases are subjected to the size and the quality of the paper.
2. The speed depends on the size of cases.
3. Air compressor isn't included.

Samples:



About positioning options

1. 4 Sensors positioning system:

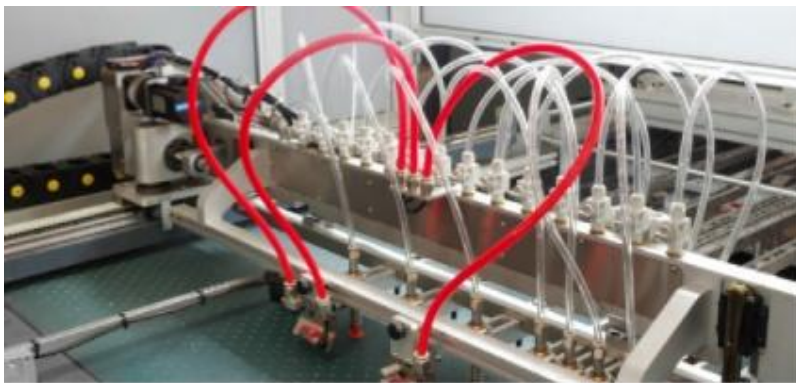
Working principle:

- The paper passes through the photoelectric sensor above the conveyor belt and stays in the positioning area.
- The board feeding device conveys the cardboard to the top of the paper, and the long side (double photoelectric) aligns the paper edge, and then the short side photoelectric sensor aligns the short side.
- Compared with the standard model, this design adds the short side photoelectric sensor to eliminate the error caused by the short side when positioning the long side.

2. Camera robot positioning system

Working principle:

- The top dual camera takes the paper image, and after calculation by the positioning system, and the Yamaha robot picks up the cardboards and positions them on the paper.
- This function is more flexible and more accurate than the photoelectric sensor positioning, and is suitable for the production of high-end packaging products.



4 Sensors positioning system



Camera robot positioning system