

## BFM500E Automatic Case Making Machine

BFM500E Automatic Case Making Machine adopts high-precision camera and robot positioning system and high speed motion controller which can automatically feed paper, cardboard position, fold edges and collection. It is featured of high accuracy, fast speed and high quality. With motion controller system, its maximum production speed can reach 40 pieces/min, the minimum finished product size 120mmx60mm, to produce cigarette box, wine box, mobile phone box, cosmetics box, eyeshadow box, jewelry box, gift box and hardcover books etc.



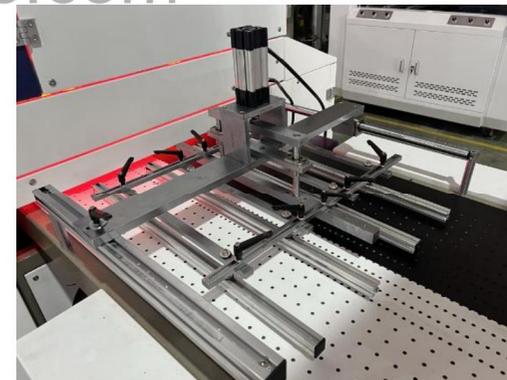
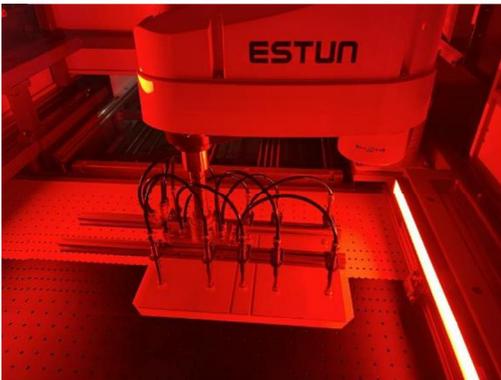
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### Features:

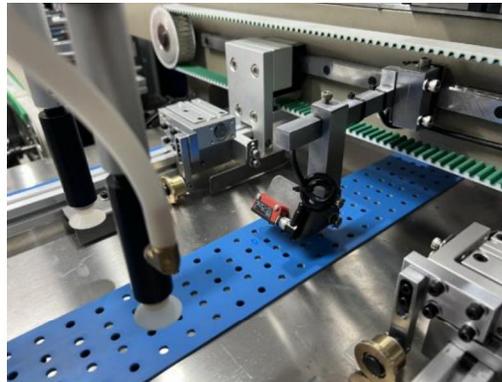
1. Automatic mechanical feeder, Similar to printing machine, stable, reliable and easy to adjust.
2. Automatically delivery outer paper, stacking height 340mm, with double sheet detector.
3. Gluing circulation system, applicable to both hot melt glue and cold glue. (Optional: Smart glue tank with viscosity meter)



4. Automatically delivering for cardboards, Max. 6pieces.
5. Adopt robot and two cameras positioning system to ensure register accuracy, +/-0.15mm.
6. Prepressing device ensure the paste of paper and cardboard.



7. Long edge folding adopts the belt folding way to ensure tight edging.
8. Corner pressing device adopts servo control, central synchronous adjustment, convenient, fast and accurate adjustment

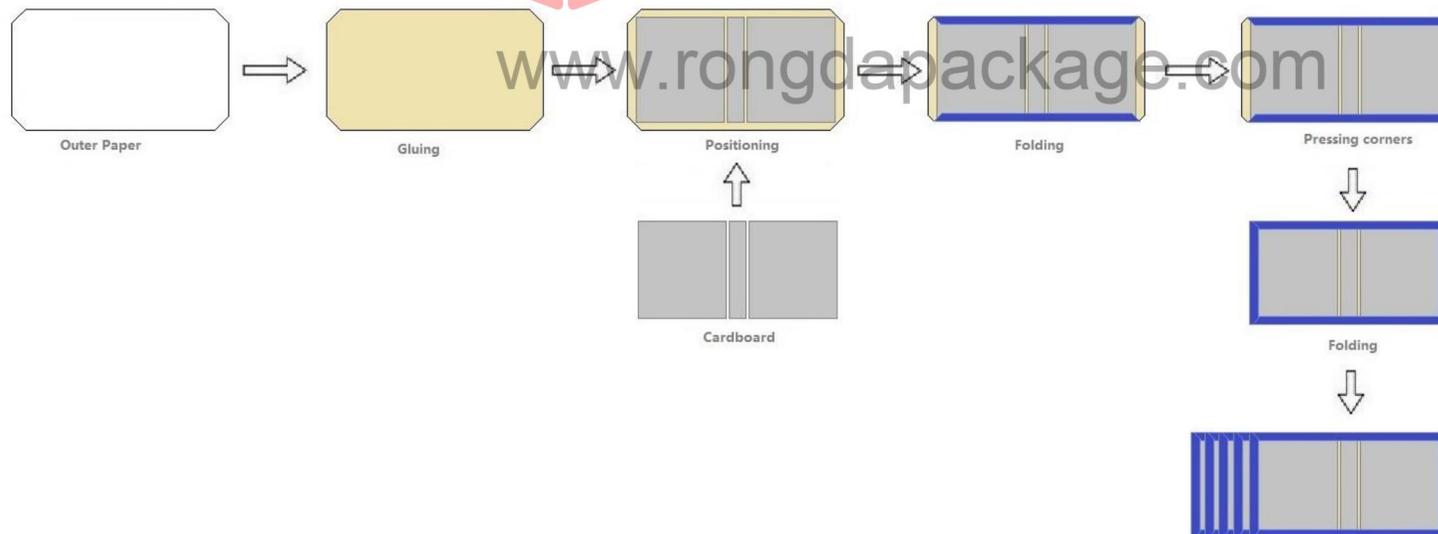


9. Short edge folding adopts the mold way.

10. With friendly HMI, all troubles will be displayed on the screen.

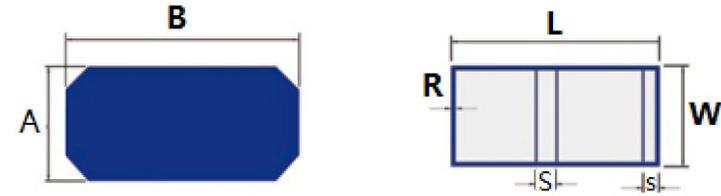
11. Integrated cover is designed according to the European CE Standards, featuring in safety and humanity.

**Production flow**



## Main technical parameters

	Model	BFM500E
1	Case size(W×L)	MIN: 60×120mm MAX: 350×500mm
2	Paper thickness	105~210g/m <sup>2</sup>
3	Cardboard thickness(T)	1~4mm
4	Min. spine size (S)	8mm
5	Side spine size(s)	25mm
6	Folded paper size(R)	10~18mm
7	Cardboard Qty.	1-6pieces
8	Precision	±0.1mm
9	Production speed	≤40sheets/min
10	Total Power	19kw/380v, 3phase
11	Air supply	0.6m <sup>3</sup> /min, 0.6MPa
11	Machine weight	3500kg
12	Machine dimension (L×W×H)	L5500×W2500×H1800mm



  
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### Remark:

1. The Max. and Min. sizes of cases are subjected to the size and the quality of the paper.
2. The Max. speed depends on the size of cases and quality of materials.
3. Work shift time for a skillful operator from one product to another: within 30min
4. Air compressor isn't included.