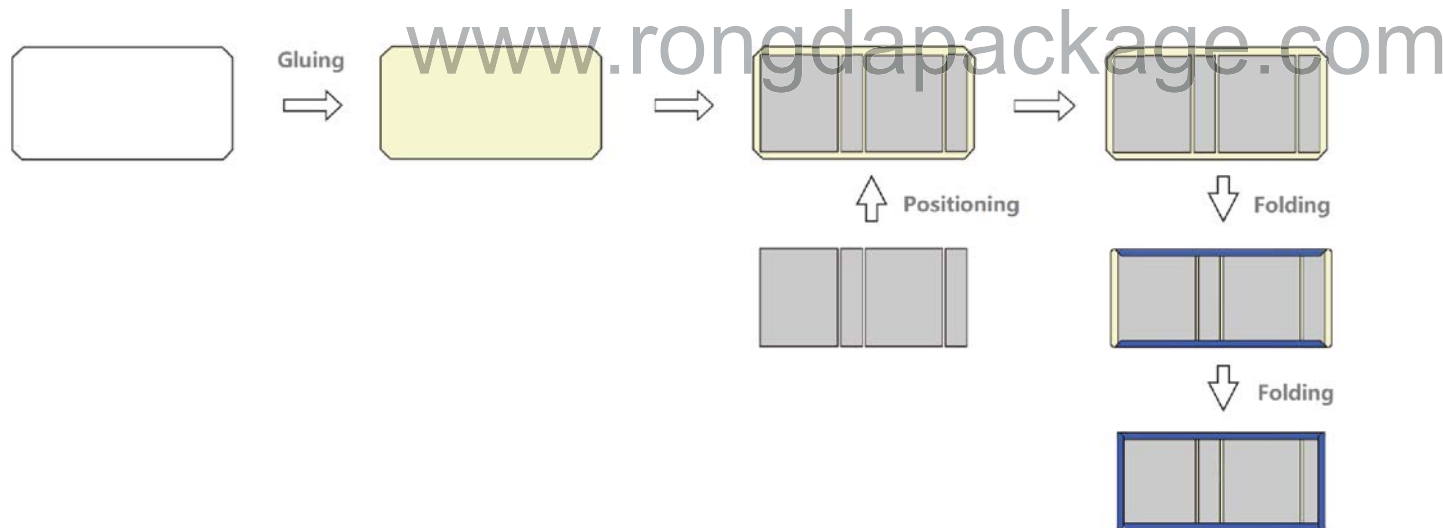## CM500 Automatic case maker

This machine adopts high-speed motion controller, which can realize automatic paper feeding and gluing, glue circulation, cardboard conveying, positioning correction, four sides edge folding, pressing and collecting. Among them, the three-point positioning system ensures the high-precision positioning of paper and paperboard, as well as the newly designed servo folding system, which can complete automatic size adjustment and realize multilateral irregular shape folding to meet the changing packaging needs of the current market. It is applicable to the production of premium packaging for electronic products, luxury goods, cosmetics, jewelry, tobacco and wine, board games, stationery and other industries, such as mobile phone boxes, perfume boxes, wine boxes, cigarette boxes, jewelry boxes, board games, folders, book cases, etc. The finished products are neat and beautiful without scratches and bubbles.
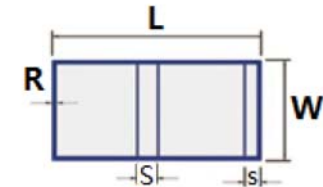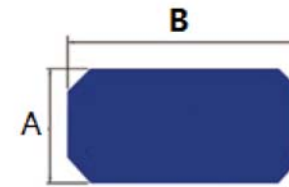
**Features:**

1. Automatically paper feeding: it adopts the mechanical type feeder, Max. stacking height 450mm.

2. Automatically cardboard conveying, Max. 6pieces

3. Hot melting glue circulation system, tank Volume: 25L

4. Servo and sensor Positioning correction device adopts principle of three points positioning which ensures perfect alignment of cardboard and paper.

5. Four-edge folding unit: Staged transmission to ensure the case without scratches.

7. Servo controlled folding ensures setting accuracy and shortens setting time.

8. Available to make irregular shape cases.

9. Available to laminate the inner paper.

10. Small footprint, one-person operation.

11. High-speed motion controller is adopted to ensure higher output.

12. Safety cover is designed according to the CE Standards, featuring in safety and humanity.

13. Optional: anti-scratch device for inner paper, round corner device, cold glue device, viscosity meter etc.
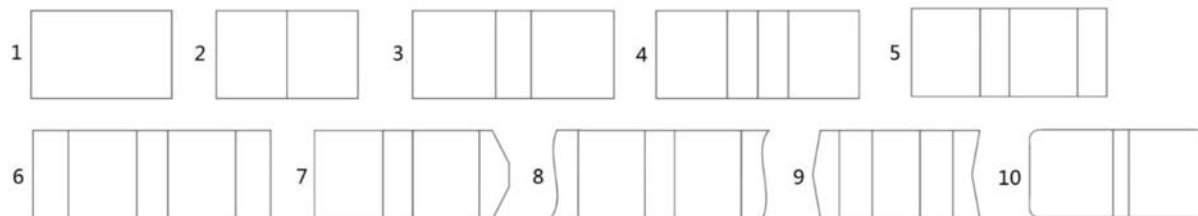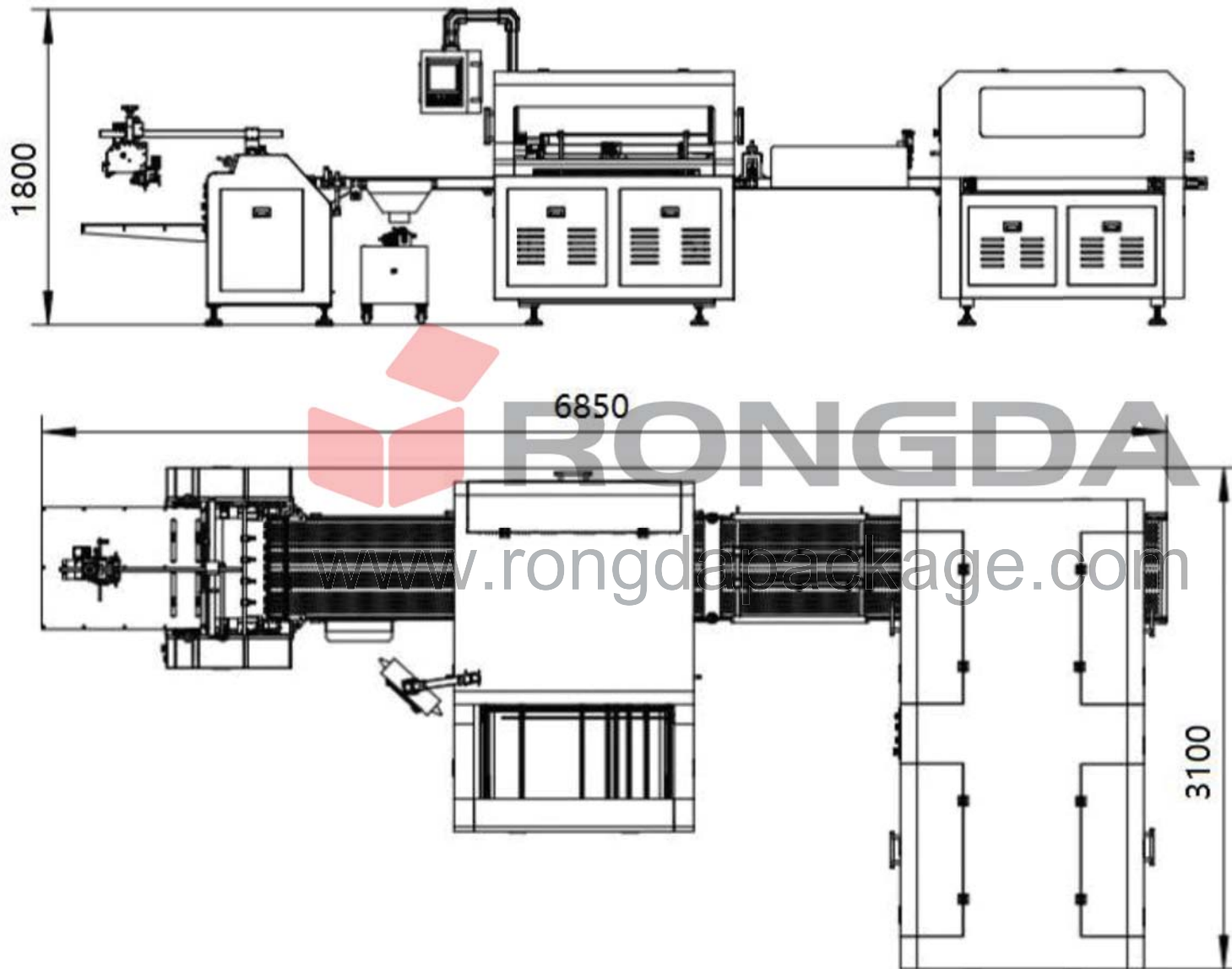
**Production flow：**

**Technical Parameter:**

| | Model | **CM500** |
|---|---|---|
| 1 | Case size(A×B) | MIN: 90×190mm<br>MAX: 500×1000mm |
| 2 | Paper size(A×B) | MIN: 90×190mm<br>MAX: 530×1030mm |
| 3 | Paper thickness | $105\sim210g/m^2$ |
| 4 | Cardboard thickness(T) | 1~8mm |
| 5 | Min. spine size (S) | 10mm |
| 6 | Side spine size(s) | 25mm |
| 7 | Folded paper size(R) | 10~18mm |
| 8 | Max. quantity of cardboard | 6pieces |
| 9 | Precision | ±0.25mm |
| 10 | Production speed | Case making 20-25pcs/min<br>Inner paper lining ≦30sheets/min |
| 11 | Heating power | 8KW |
| 12 | Motor Power | 10KW, 380V/3P 50Hz |
| 13 | Machine weight | 3200kg |
| 14 | Machine dimension (L×W×H) | L6850×W3100×H1800mm |

*With the development and improvement, the machine appearance, technical parameters and characteristics are subject to change with notice.

**Product Sample:**

**Layout:**

**Samples:**