

---

## RB350B Automatic rigid box maker

RB350B is the newly developed high-speed intelligent rigid box machine. It employs high speed motion controller, PLC programmable controller, Robot & camera positioning system, pneumatic system, HMI and remote monitoring system to automatically finish feeding and gluing paper, conveying cardboard, forming and pasting four corner of cardboard, positioning and bonding, and wrapping box in one time. Effectively replace manual production, greatly improving production efficiency and quality of finished boxes. It is applicable to make high-end boxes for mobile phones, shoes, shirts, cosmetics, perfume, moon cakes, sweets, chocolates, liquors, cigarettes, tea, etc.



### Servo type wrapper:

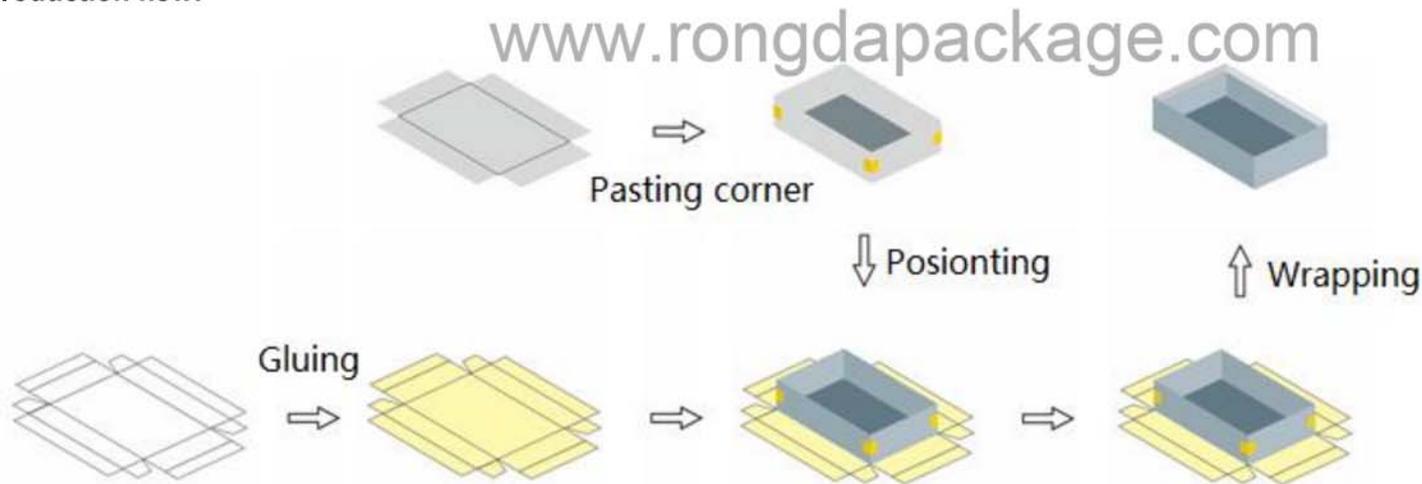
Flexible, Diversified,

Digital setting, Quick size changing

---

**Features:**

1. Automatic servo controlled paper feeder.
2. Automatic circulation, mixing and gluing system of hot-melting glue with viscosity meter.
3. Non-stop cardboard feeding and stacking.
4. Hot-melting paper tape is automatic conveying, cutting, and pasting the cardboard box corners in one process.
5. Servo driven corner pasting unit, reduce the setting time, more accurate to paste the corners.
6. The vacuum suction fan under the conveyer belt can keep the glued paper from deviating.
7. The glued paper and cardboard inner box employ Robot and camera positioning device.
8. The wrapper can continually delivery boxes, wrap, fold ears and paper sides, form and press the box.
9. The whole machine employs PLC, robot positioning system and touch screen HMI to automatically form boxes in one process.

**Production flow:**

**Main Technical Parameters:**

**The corresponding relationship between the parameters:**

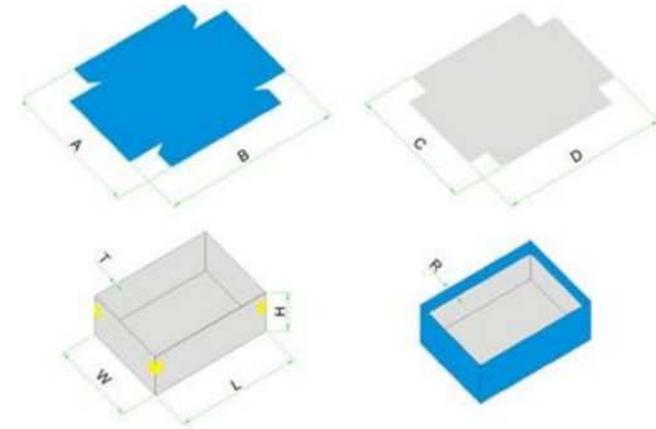
$$W+2H-4T \leq C_{(Max)}$$

$$L+2H-4T \leq D_{(Max)}$$

$$A_{(Min)} \leq W+2H+2T+2R \leq A_{(Max)}$$

$$B_{(Min)} \leq L+2H+2T+2R \leq B_{(Max)}$$

	Model	RB350B
1	Paper size(A×B)	Min.70*130mm, Max. 460*600mm
2	Box size(W×L)	Min. 30*50mm, Max.250*320mm
3	Box height(H)	10-100mm
4	Fold-in paper size(R)	10-90mm
5	Folded ear size	10-90mm
6	Paper thickness	100-300g/m <sup>2</sup>
7	Cardboard thickness(T)	0.8-3mm
8	Paper stacking height	380mm(630mm)
9	Cardboard stacking height	1100mm
10	Precision	±0.10mm
11	Speed	≤30sheets/min
12	Motor power	25kw/380v 3phase
13	Heater power	10kw
14	Air supply	50L/min 0.6Mpa
15	Machine weight	5500kg
16	Machine dimension(L×W×H)	L6100×W4400×H3200mm




**RONGDA**  
[www.rongdapackage.com](http://www.rongdapackage.com)

**Remark:**

1. The max and mini sizes of the boxes are subjected to those of the paper and the quality of the paper.
2. The speed depends on the sizes of the boxes.

**Samples:**



**Configuration:**

No.	Item	Brand	
1	PLC	Japan	Omron 

2	Servo system	China	Inovance 
3	Bearing	China	Harbin 
4	Pneumatic components	China	Airtek 
5	Sensor	Germany	Leuze  the <b>sensor</b> people
6	Reducer	Japan	Shimpo 
7	Touch screen	China	Weinview 
8	AC motor	China	ADLEE 
9	Electrical components	French	Schneider 

**Remark:** The above parameter and configuration is subject to change without notice.