

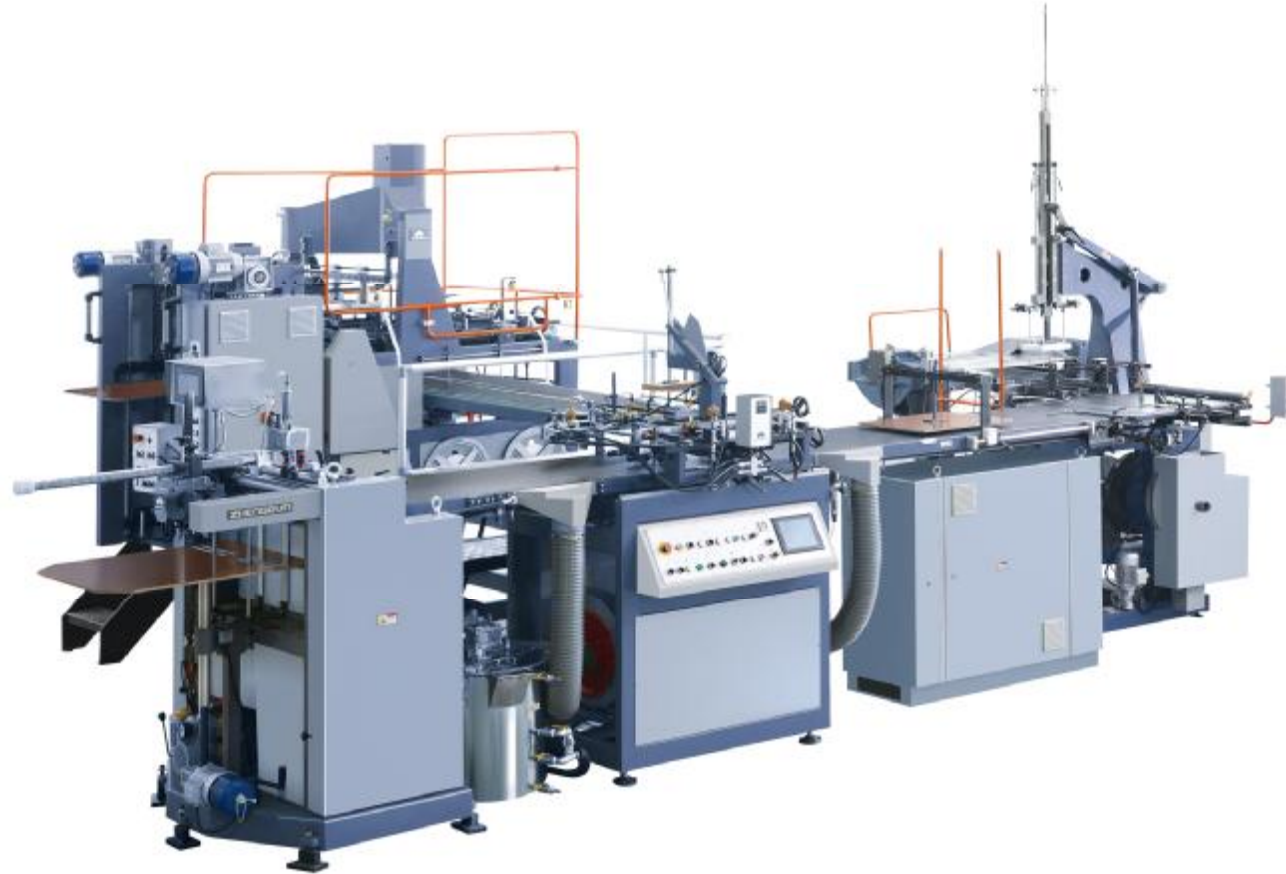


温州正润机械有限公司

WENZHOU ZHENGRUN MACHINERY CO., LTD.

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**RB6040 Automatic rigid box maker**



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Add: No.2, Zhenglou Industrial Area, Pingyang, Zhejiang, China

Website: [www.zheng-run.cn](http://www.zheng-run.cn)

Mobile: 0086-13868412277

Tel: 0086-577-58118885

Fax: 0086-577-58118666

Email: [market@zheng-run.cn](mailto:market@zheng-run.cn)

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温州正润机械有限公司

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Feeder



Gluer



Lubrication system



Former



HMI



Cam

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Former



spotter



Spotter



Wrapper

### Introduction:

Automatic Rigid Box maker is a good equipment for making high-grade covered boxes for its fine design, reliable performances and advanced technologies. It employs PLC, photoelectric tracking system, hydraulic web guiding system, touch screen man-machine interface to automatically finish feeding and gluing paper, conveying cardboard, forming and pasting four angles of cardboard, positioning, gluing and forming box in one time. It is applicable to make high-grade boxes for shoes, shirts, jewelry, gifts, etc.

### Features:

1. Paper delivered automatically by feeder.
2. Automatic circulation, mixing and gluing system for hot-melting gel. (Optional device: glue viscosity meter)

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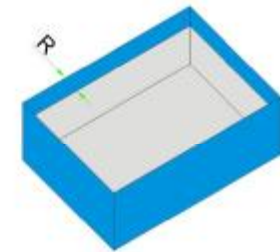
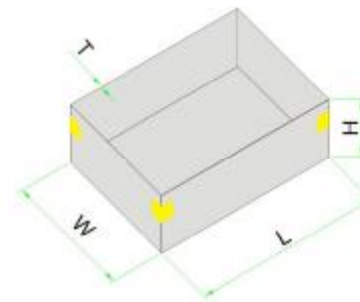
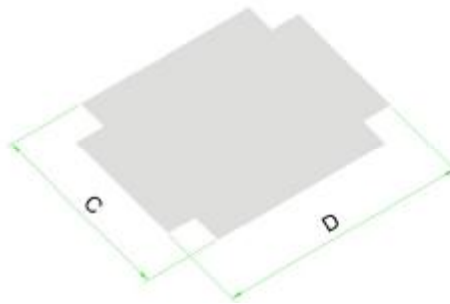
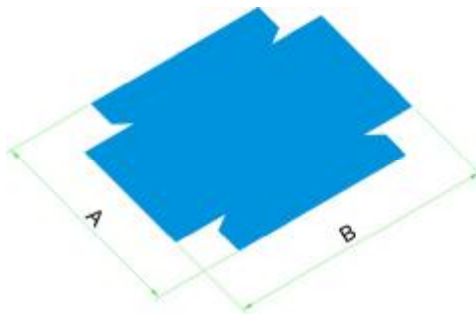
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- Hot-melting adhesives paper-gluing automatic conveying, slitter, and finish pasting the cardboard inner box's four angles in one process.
- The vacuum fan under the conveyer belt can keep the glued paper from deviating.
- The glued paper and cardboard inner box employ hydraulic web guiding device to spot correctly.
- The box-forming unit can automatically collect boxes and deliver them to the forming unit according to the boxes conveyed on the conveyer belt.
- The box-forming unit can continually delivery boxes, wrap sides, fold ears and paper sides and form in one process.
- The whole machine employs PLC, photoelectric tracking system and touch screen man-machine interface to form boxes automatically in one process.
- It can automatically diagnose the troubles and alarm accordingly.



### The corresponding relationship between the parameters:

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

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

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

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

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## Main Technical Parameter:

		automatic rigid box maker	
1	paper size(A×B)	Amin	120mm
		Amax	610mm
		Bmin	250mm
		Bmax	850mm
2	paper thickness	100-200g/m <sup>2</sup>	
3	cardboard thickness(T)	1~3mm	
4	finished product(box) size (W×L×H)	Wmin	50mm
		Wmax	400mm
		Lmin	100mm
		Lmax	600mm
		Hmin	15mm
		Hmax	150mm
5	Folded paper size (R)	Rmin	7mm
		Rmax	35mm

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6	precision	±0.50mm
7	production speed	≅ 35sheets/min
8	motor power	10.35kw/380v 3phase
9	heater power	6kw
10	machine weight	5800kg
11	machine dimension	L6600×W4100×H 3250mm

## 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 production capacity is 35 boxes per minute. But the speed of the machine depends on the sizes of the boxes.
3. Customizable fold into depth is 60mm.
4. We don't provide air compressor.

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