FB1000ZS Automatic collapsible box's wing assembly machine

This machine is specially developed for making collapsible box which can assemble the wings and tail plate. The new developed forming unit can spray glue second time and paste the wings on the cover automatically. It's suitable for mass production of luxury collapsible boxes.



Features:



Case feeding section

Adopting a downward suction structure to solve the problem of double or multiple case feeding and ensures that the case does not scratch.



Gluing section

Gluing is controlled by servo motor, which makes the gluing more precise. The flexible line of gluing can be set freely on the screen according to product needs.



Wing feeding section

Adopting a four-station lifting table top feeding structure. It can feed the mid board and side wings at same time. The book style box can be assembled by replacing the feeding module.



Positioning section

Positioning is controlled by servo motor, which

makes the positioning more precise.

www.rongdapackage.com

Production flow:



Main To	echnical Parameters:		
1	Case size(L*W)	Max. 1000x690, Min. 100*200mm	
2	Case Width(A)	90-450mm	B
3	Wing size(B)	100-650mm	D
4	Wing size(C)	30-120mm	
5	Wing size(D)	Min.60mm	
6	Wing and flap relationship(E)	300-650mm	
7	Accuracy	+/-0.1mm	× V
8	Speed	10-15pcs/min	
9	Power	220V 1P 50Hz/6KW	
10	Air supply	0.6Mpa	
11	Machine weight	1200kg	Two wings version
12	Machine dimension(L×W×H)	L6200×W3200×H2000mm	
Main configuration:			
1	Servo Motor	w rongdana	ackade com
2	Servo Driver	V Panasonic I I Y Q Q Q P C	
3	PLC		
4	Photosensor		
5	Vacuum Switch		
6	Power Switch	MeanWell	
7	Proximity Switch	Schneider Electric SA	
8	Linear Module	ССМ	
9	Hot melt glue machine	JING TAI	Two Wings with flaps
10	Pneumatic Element	AIRTAC	the thigs man haps

Layout:

