



EX-G Type High Speed Servo Flute Laminator Machine



The main function of EX-1450G intelligent high-speed laminating machine is to make paper and cardboard fit together so as to increase the strength and thickness of material or special effect. Billboards, etc.

The equipment adopts the perfect combination of motion control system and servo correction and correction system, and controls the servo motor on both sides of the surface paper to do independent compensation by using the relative position of multi-group photoelectric induction base paper, so that the adjustment equipment can be completed automatically by inputting the size of the paper. Run and produce.

TECHNICAL DATA:

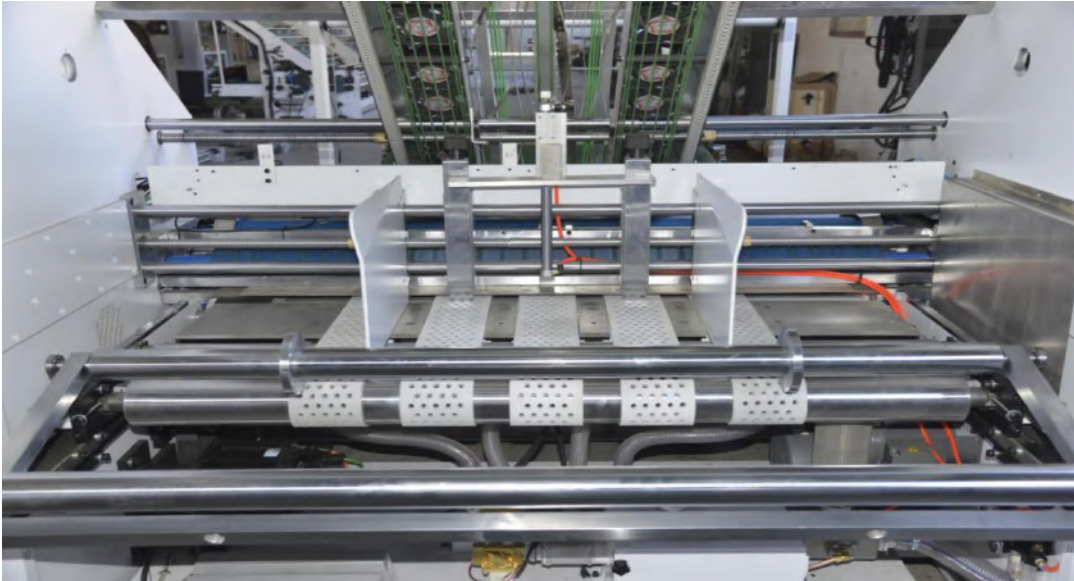
model	EX-1450G	EX-1650G
Max. Sheet Size (W*L)	1450mm*1200mm	1650mm*1450mm
Min. Sheet Size (W*L)	400mm*400mm	400mm*400mm
Top paper thickness	150~800g/m ²	150~800g/m ²
Bottom sheet thickness	Corrugated: 0.5-10mm (B,A,AB,E flute, etc.) Paper: > 350g	
Laminating Accuracy	Corrugated: ±1mm Paper: ±0.5mm	
Max. Speed	12000p/h 9000m/h	12000p/h 9000m/h
Power	22KW	22KW
Dimension L*W*H	13.5m*2.4m*2.4m	14.5m*2.6m*2.6m
Height of Bottom Paper	400mm	400mm
Height of Top Paper	1800mm	1800mm
Machine weight	6200KG	7000KG



Paper mounting accuracy: the standard precision is $\pm 1\text{mm}$, at a speed less than 9000 sheets per hour, the accuracy can reach to $\pm 0.5\text{mm}$;

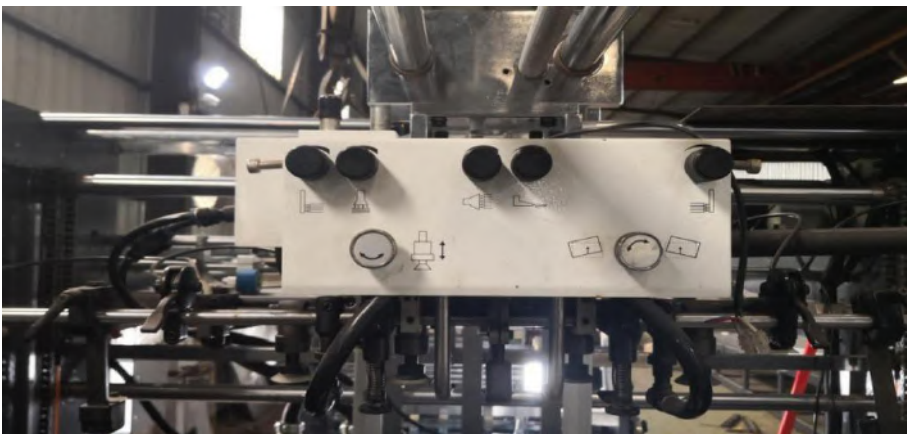
Glue consumption: glue consumption is generally 25 to 30 grams per square meter, operator's operation technology and pit type of pit paper will also affect glue consumption

BOTTOM SHEET SYSTEM:



- Import servo motor is used to drive the suction belt bottom paper conveying structure, matching the Japanese neon suction belt and SMC high frequency valve, so that the base paper (corrugated, paper jam) transmission distance is accurate and smooth.
- Pit paper bending, pneumatic press can press the front end of the pit paper, to ensure smooth paper.

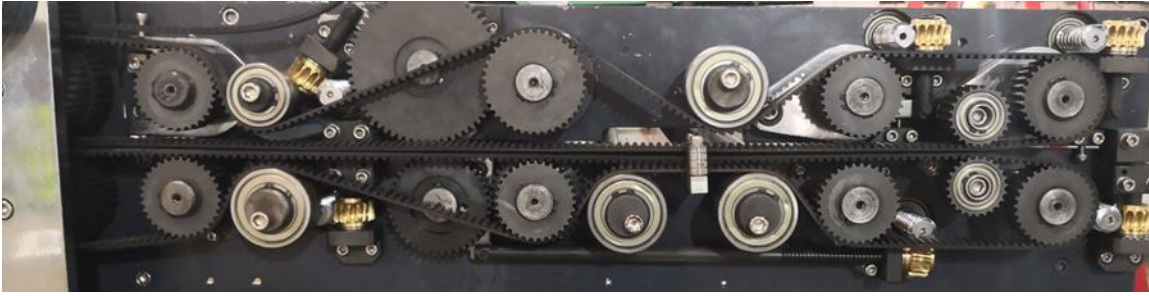
TOP PAPER SYSTEM:



- Adopt the structure of four-suction and Five-feed paper, conjugate cam structure to feed paper, feed paper smoothly and reliably.
- Valve core easy to disassemble, easy to clean.
- The adjustment of paper deviation and split suction nozzle can be carried out under the condition of not stopping.



DRIVE SYSTEM:



Power transmission uniform distribution, the whole machine adopts imported double-sided tooth synchronous belt transmission, maintenance-free. Bottom noise. high efficiency

POSITIONING AND GLUING SYSTEM:



- High-precision glue roller, fine grinding to ensure uniform gluing
- The specially machined copper block ensures that the high-speed rollers do not get rid of the rubber, overflow the rubber and adjust the backflow of the glue, ensure the cleaning of the equipment and the service life of the bearing.
- By using many groups of photoelectric detection and calculating the error value between the surface paper and the bottom paper, the servo motor on both sides of the surface paper is controlled to compensate the surface paper to the predetermined position for the same precision fitting.

ELECTRIC CONTROL SYSTEM:





序号 N/M	名称 NAME	型号 MODEL NO.	厂家 BRAND
1	变频器 VFD	CIMR-JB4A0009BBA	汇川 INOVANCE
2	变频器 VFD	CIMR-JB4A0002BBA	汇川 INOVANCE
3	变频器 VFD	CIMR-VB4A0002BBA	汇川 INOVANCE
4	变频器 VFD	CIMR-VB4A0011BBA	汇川 INOVANCE
5	伺服专用变压器 Servo transformer	7000VA	汇川 INOVANCE
6	制动电阻 Brake resister	1000 瓦 16 欧姆	汇川 INOVANCE
7	伺服电机 Servo motor	SGMGV-44ADA61+SGDV-330A01	汇川 INOVANCE
8	伺服电机 Servo motor	SGMJV-04ADA6S+SGDV-2R8A01	汇川 INOVANCE
9	电机断路器 Motor circuit breaker	GV2-ME07	施耐德 SCHNEIDER
10	电机断路器 Motor circuit breaker	GV2-ME20	施耐德 SCHNEIDER
11	电机断路器 Motor circuit breaker	GV2-ME14	施耐德 SCHNEIDER
12	电机断路器 Motor circuit breaker	OSMC32N3D40	施耐德 SCHNEIDER
13	中间继电器 intermediate relay	RXM2AB2BD (配插座)	施耐德 SCHNEIDER
14	接触器 Contactor	E1810	施耐德 SCHNEIDER
15	接触器 Contactor	E0910	施耐德 SCHNEIDER
16	塑壳断路器 moulded case circuit breaker	NSC100E3100	施耐德 SCHNEIDER
17	端子护套 Terminal sheath	NSC100TSHD3P	施耐德 SCHNEIDER
18	单极断路器 single pole circuit breaker	OSMC32N1C4	施耐德 SCHNEIDER



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19	单极断路器 single pole circuit breaker	OSMC32N1C10	施耐德 SCHNEIDER
20	单极断路器 single pole circuit breaker	OSMC32N1D2	施耐德 SCHNEIDER
21	按钮 Button	XB2BA31C	施耐德 SCHNEIDER
22	按钮 Button	XB2BA42C	施耐德 SCHNEIDER
23	急停按钮 Emergency	XB2BS642C	施耐德 SCHNEIDER
24	触点模块 Contact module	ZB2BE102	施耐德 SCHNEIDER
25	触点模块 Contact module	ZB2BE101	施耐德 SCHNEIDER
26	旋钮 Switch button	XB2BD33C	施耐德 SCHNEIDER
27	旋钮 Switch button	XB2BD53C	施耐德 SCHNEIDER
28	旋钮 Switch button	XB2BD21C	施耐德 SCHNEIDER
29	带灯按钮 Light button	XB2BW33B1C	施耐德 SCHNEIDER
30	带灯按钮 Light button	XB2BW36B6C	施耐德 SCHNEIDER
31	可编程控制器 PLC	FX3U-128MT	汇川 INOVANCE
32	人机界面 HMI	PWS6700T	步科 KINCO
33	光电开关 SENSOR	EE-SX670	欧姆龙 OMRON
34	接近开关 proximity switch	BB-M1204N-C11P2	欧姆龙 OMRON
35	光电开关 ENSOR	E3T-SL21 NPN	欧姆龙 OMRON
36	光电开关 SENSOR	E3Z-LS61	欧姆龙 OMRON
37	接近开关 proximity switch	TL-Q5MC1	欧姆龙 OMRON
38	直流电源 DC power supply	S-100-24	台湾明纬 Mingwei
39	固态继电器 solid-state relay	SSR-10DD	阳明 Yangming



40	编码器 Encoder	E6C3-CWZ3XH 1000P/R	欧姆龙 OMRON
41	三口两位电磁阀 solenoid valve	58C-36-111JA 250B-111JA	SMC
42	主电机 Main motor	15KW	西门子 SIEMENS

QUALITY ASSURANCE AND SERVICE ASSURANCE:

1. The product design obeys the user's opinion, constantly improves, and ensures the stability and humanization of the whole machine from the design point of view.
2. The company's quality control department to purchase, processing, assembly of all aspects of quality supervision and management, multi-angle management to ensure the implementation of the company's product quality management.
3. The company quality control department to each finished product in accordance with the factory product standards for inspection.
4. Strong technical strength and efficient after-sales service team guarantee to solve all kinds of problems in the process of customer use, perfect quality information feedback management, make the product improve quickly, and always be in the leading position of technology.