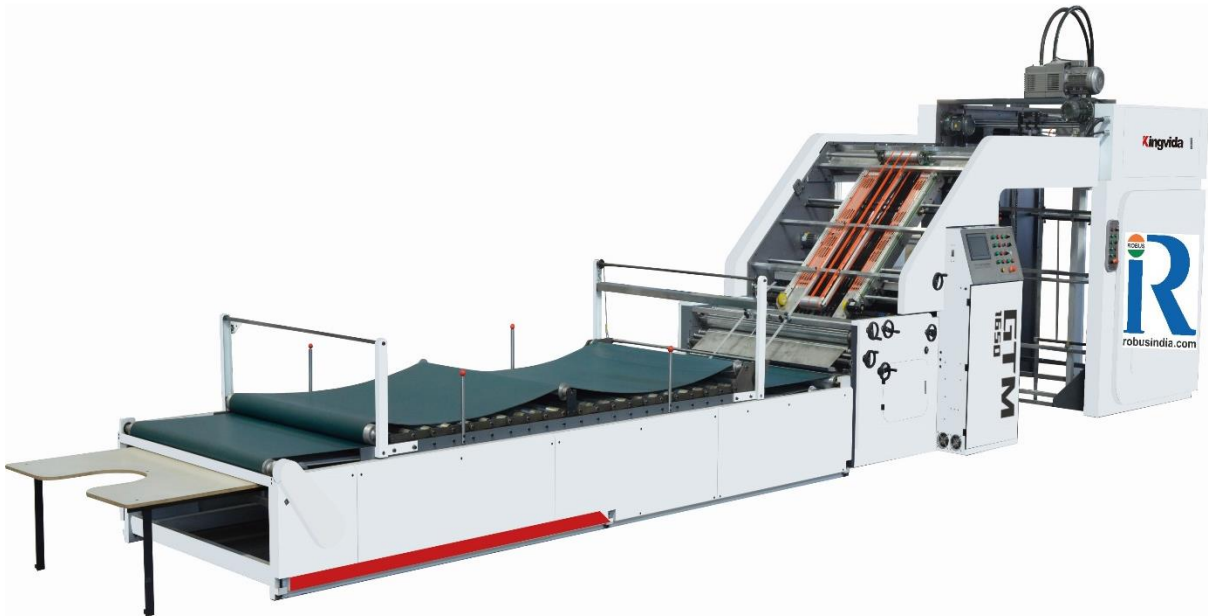


PRODUCT: High Speed Servo Controlled 3 Ply Automatic Flute Laminator
Machine

MODEL: 3FL-1450HS XL



Please note that the picture is for **illustration only** and may vary from the equipment offered.

Machine Features:

1. Intelligent High-Speed Feeding, up to 13000 sheets per hour.
2. High-Speed Feeding feeder to ensure the accurate delivery of paper at high speed.
3. **Bottom Paper Feeding:** Servo Motor Driven and Suction Belt, bottom paper conveying structure accurate transportation distance and smooth.
4. High-Precision Coating Technology and glue wheel design guide with automatic page control ensure no glue overflow and reflux.
5. Using a plurality of electric eye and the bottom line forward relative position, both sides servo motor of face paper unit does independent transmission, compensation on paper alignment.
6. The Human-Computer Interface, automatic detection of operating conditions, display abnormal work and work records, stable performance.

Technical Parameter:

MODEL	3FL-1450HS XL	3FL-1700HS
Max. Sheet Size (W X L)	1450 X 1450mm	1700 X 1450mm
Min. Sheet Size (W X L)	400 X 400mm	400 X 400mm
Top Paper Thickness	120-800g/m2	200-800g/m2
Bottom Paper Thickness	0.5-10mm (Cardboard ≥ 350 GSM)	
Max. Machine Speed	155m/min (13000 Sheets Per Hour)	
Laminating Precision	± 1.0mm	± 1.0mm
Total Power	25KW	25KW
Weight	6.2T	7.2T
Top Paper Pile Height	1700mm	1700mm
Bottom Paper Pile Height	600mm	600mm
Machine Size (LXWXH)	13500 X 2450 X 2600 mm	13900 X 2700 X 2600 mm

Standard Configuration and Functions:

Surface Paper Feeding Unit:

Adopt Taiwan based Unique Designed Feeder, for smooth and accurate feeding. The speed can be adjusted according to product requirements, transporting paper smoothly, and photoelectricity controls the paper height; Make the paper stable and smooth.



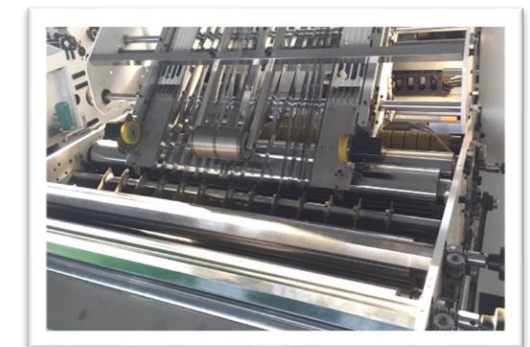
Bottom Feeding Unit:

Adopt Servo Controlled Suction Feeding mechanism, with strong suction, stable feeding. Suitable for paper above 350g/m² and A, B, C, D, E, F, N corrugated and three, five ply cardboard, transport paper smoothly and accurately in high-speed operation. Equipped with electromagnetic clutch brake system.



Gluing System:

Gluing device adopts high precision metering roller and automatic level control, does not overflow glue in high speed, and can adjust the glue reflux. The glue flow that is pumped out is controlled by a sensor, washing roller is used to remove unwanted glue stains from pressing cylinder, avoiding the flute to stain.



Machine Driven System:

Cog Belt Drive, which has high precision, low noise and steady.



Electric Control Unit:



The whole machine adopts PLC control, **Yaskawa** frequency control, all detection switches of electrical components adopt **Japanese, German, Taiwan** brands products, accurate operation, stable performance and strong security.

Electrical Parts:

Sr. No.	Description	Model	Brand
1	Frequency Converter	CIMR-JB4A0004 (0.75KW)	Yaskawa
2	Frequency Converter	CIMR-JB4A0005 (1.5KW)	Yaskawa
3	Frequency Converter	CIMR-JB4A0011 (3.7KW)	Yaskawa
4	Intermediate Relay	RXM2AB2BD (With Socket)	Omron
5	Photoelectric Switch	EE-SX670	Omron
6	Proximity Switch	BB-M1204N-C11P2	Omron
7	Photoelectric Switch	E3T-SL21 NPN	Omron
8	Photoelectric Switch	E3Z-LS61	Omron
9	Proximity Switch	TL-Q5MC1	Omron
10	Encoder	E6C3-CWZ3XH 1000P/R	Omron
11	Liquid Level Controller	FR-1-220V	Omron
12	Contactor	E1810	Schneider
13	Contactor	E0910	Schneider
14	Plastic Circuit Breaker	NSC100E3100	Schneider
15	Terminal Sheath	NSC100TSHD3P	Schneider
16	Single Pole Circuit Breaker	OSMC32N1C4	Schneider
17	Single Pole Circuit Breaker	OSMC32N1C10	Schneider
18	Single Pole Circuit Breaker	OSMC32N1D2	Schneider

19	Button	XB2BA31C	Schneider
20	Button	XB2BA42C	Schneider
21	Scram Button	XB2BS642C	Schneider
22	Contact Module	ZB2BE102	Schneider
23	Contact Module	ZB2BE101	Schneider
24	Rotary Knob	XB2BD33C	Schneider
25	Rotary Knob	XB2BD53C	Schneider
26	Rotary Knob	XB2BD21C	Schneider
27	Lamp Button	XB2BW33B1C	Schneider
28	Lamp Button	XB2BW36B6C	Schneider
29	PLC	FX3U-128MT	Mitsubishi or Similar
30	Human-Machine Interface	PWS6700T	HI-TECH
31	Photoelectric Switch	EE-SX670	OMRON
32	Proximity Switch	BB-M1204N-C11P2	OMRON
33	Photoelectric Switch	E3T-SL21 NPN	OMRON
34	Photoelectric Switch	E3Z-LS61	OMRON
35	Proximity Switch	TL-Q5MC1	OMRON
36	Buzzer	B22 DC24V	Tentoku
37	Micro Switch	TZ-8166	Tentoku
38	Foot Switch	TFS-101	Tentoku

39	Revos External	E32BH+E32TE(PG29)	Hualun
40	Revos Inner Core	E32P+E32S	Hualun
41	Potentiometer	RV30YN20S 3W 2K	Taiwan
42	Liquid Level Controller	FR-1-220V	Yangming
43	Fan	12038A2-LBAPT	Joint venture
44	DC Power	S-100-24	TaiwanMeanWell
45	Solid-State Relay	SSR-10DD	Yangming
46	Encoder	E6C3-CWZ3XH 1000P/R	OMRON
47	Solenoid Valve	58C-36-111JA 250B-111JA	SMC
48	Isolating Transformer	Capacity 1.2KVA Input 400V Output 230V	
49	LED Light	220V 20W	
50	Reduction Box	LM-HE4070 1/2HP 4P Voltage AC 380V	LI-MING
51	Reduction Box	LK1/4-10-10SV-BS	LI-MING
52	Reduction Box	LK1/4-10-10SV-AS	LI-MING
53	Reduction Box	LK1/2-15-11SV-AS	LI-MING
54	Frequency Conversion Motor	1LA7096-4AA10	Siemens
55	Frequency Conversion Motor	1LA7106-4AA110	Siemens
56	Frequency Conversion Motor	1LA7096-4AA11	Siemens