

# GW SERIES

## FULL AUTOMATIC HIGH SPEED FLUTE LAMINATOR (EURO-SPEC SERIES)

### MAIN FEATURES

- High-speed operation
- One-Key Operation
- Quick job-Change In 3mins
- Full Servo Controlled

### TECHNICAL PARAMETER

Leading edge feeder version :

Model	GW-1450LP	GW-1700LP	GW-2200LP
Max paper size (W × L)	1450mm×1450mm	1700mm×1650mm	2200mm×2100mm
Min paper size (W × L)	360mm×350mm	360mm×350mm	360mm×350mm
Bottom Paper Sheet Thickness	F flute-10mm		
Upper Paper Sheet Thickness	120g-700g		
Max Speed	16000 Sheets/hour (165 m/min)		
Laminating Accuracy	±1.0mm (Standard Sheet Paper)		
Applicable Glue	Resin adhesive, starch glue, milky glue (PH 6~8 will be suitable)		
Machine Weight	8000kg	8500kg	9000kg
Dimension (L × W × H)	15700mm×2400mm×2550mm	16300mm×2650mm×2550mm	18500mm×3050mm×2880mm
Voltage	380VAC/5P		
Power	26kw	30kw	32kw
Applicable paper	A,B,C,E,F,3ply,5ply,7ply corrugated board, and cardboard within above mentioned thickness range		

### TECHNICAL PARAMETER

Belt feeder version :

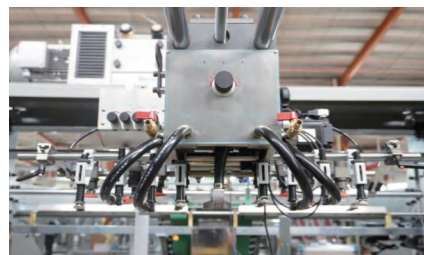
Model	GW-1100BP	GW-1450BP	GW-1700BP	GW-2200BP
Max.Sheet Size (W × L)	1100mm×1200mm	1450mm×1450mm	1700mm×1650mm	2200mm×2100mm
Min.Sheet Size (W × L)	360mm×350mm	360mm×350mm	360mm×350mm	360mm×350mm
Bottom Paper Sheet Thickness	0.3mm-7mm	300gsm-10mm	300gsm-10mm	300gsm-10mm
Upper Paper Sheet Thickness	120g-700g	120g-700g	120g-700g	120g-700g
Max. Working Speed	15000 Sheets/hour (170 m/min)	16000 Sheets/hour (170 m/min)	16000 Sheets/hour (170 m/min)	16000 Sheets/hour (170 m/min)
Laminating Accuracy	±1.0mm (Standard Sheet Paper)			
Applicable Glue	Resin adhesive, starch glue, milky glue (PH 6~8 will be suitable)			
Machine Weight	6000kg	8000kg	8500kg	9000kg
Dimension (L × W × H)	13600×2000×2550mm	15700×2400×2550mm	16300×2650×2550mm	18500×3050×2880mm
Voltage	380VAC/5P			
Power	20kw	26kw	30kw	32kw
Bottom paper applicable	Double-coated paper above 250 gsm, and A, B, C, E, F, 3ply, 5ply corrugated board			



PRODUCT FEATURES

- Max speed: **22,000** sheets/hour. Stable high speed: 16,000 sheets/hour for continuous 24-hour running.
- Power consumption about 8 kW/h, saving about 20% of power.
- Digitally intelligent design with automatic glue and pressure adjustment, as well as automatic bearing lubrication. Technical requirements for equipment operators **reduced by 80%**.
- Enlarged 150mm diameter stainless steel roller, laser engraved anilox, glue apply evenly, fine glue line, no glue-splash, glue used about 18g/m<sup>2</sup>, **saving 30% of the glue**.
- Full servo control systems, high-speed and stable laminating with the accuracy ±1.0mm.
- **Reserved 35%** margin of servo motor and drive loading, prolong life cycle over 15 years, ensure the lamination accuracy unchanged.

PRODUCT HIGHLIGHTS



**Shaft-less high speed feeder**

- Servo controlled high-speed shaft-less feeder front-and-rear auto-adjustment.



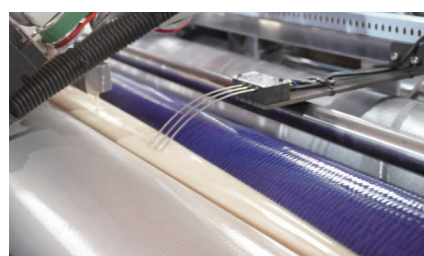
**Leading-edge Feeder System**

- Self-developed leading-edge feeder system specifically designed for deformed, warped corrugated papers.



**Servo control lifting pile plate**

- High speed feeder smooth feeding, single sheet lifting same as offset printing press, high efficient and stable.



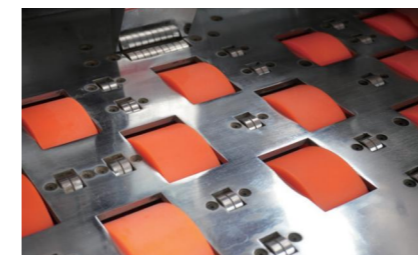
**Enlarged glue roller**

- Enlarged 150mm diameter stainless steel roller, laser engraved anilox, high-speed and stable without glue splashing.



**Dual-bearing structure**

- Ensures efficient and stable operation of the machine with doubled life cycle.



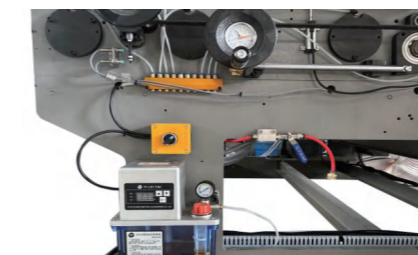
**PU bottom feeding wheel**

- Unidirectional rotating feeding roller, without wear and tear, service life cycle up to 10 years.



**One-button operation**

- Adopting 7-8 servo motors control systems, digital intelligent input, automatic order changeover in 2-3 min.



**Automatic lubrication of bearings**

- Intelligent control for automatic lubrication, no need for daily maintenance, saving labor costs, and improving production efficiency.



**Automatic pressure and glue adjustment**

- Intelligent control for automatic pressure and glue adjustment, reducing skill requirements of operator.



**Pre-stacking system**

- Whole pallet loading platform, saving labor costs and time.