

# GW SERIES

## FULL SERVO HIGH SPEED FLUTE LAMINATOR (UPGRADED VERSION)

(Cardboard to Flute & Cardboard to Cardboard)

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 :	1450mm×1450mm	1700mm×1650mm	2200mm×2100mm
Min paper size :	360mm×360mm	360mm×360mm	450mm×380mm
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 (LxWxH) :	15700mm×2400mm×2550mm	16300mm×2650mm×2550mm	18500mm×3050mm×2880mm
Voltage :	380VAC/3P		
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 :

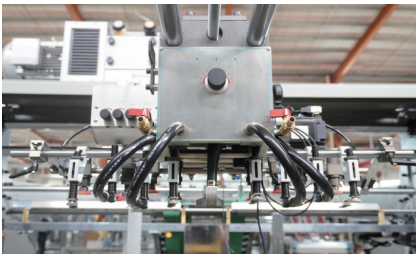
Model	GW-1450BP	GW-1700BP	GW-2200BP
Max.Sheet Size(W x L):	1450mm×1450mm	1700mm×1650mm	2200mm×2100mm
Min.Sheet Size (W x L) :	360mm×360mm	360mm×360mm	450mm×380mm
Bottom Paper SheetThickness :	300gsm - 10mm		
Upper Paper Sheet Thickness :	120g-700g		
Max. Working Speed :	16000 Sheets/hour (165 m/min)		
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 (LxWxH) :	15700mm×2400mm×2550mm	16300mm×2650mm×2550mm	18500mm×3050mm×2880mm
Voltage :	380VAC/3P		
Power :	26kw	30kw	32kw
Bottom paper applicable:	Cardboard above 300gsm, 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  $\pm 1.0\text{mm}$ .
- Reserved 35% margin of servo motor and drive loading, prolong life cycle over 15 years, ensure the lamination accuracy unchanged.

PRODUCT HIGHLIGHTS :



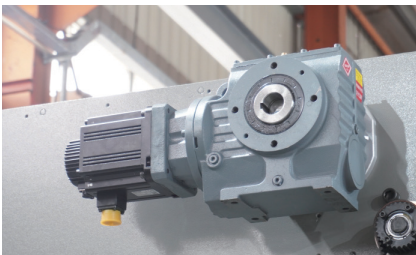
### ■ Shaft-less high speed feeder

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



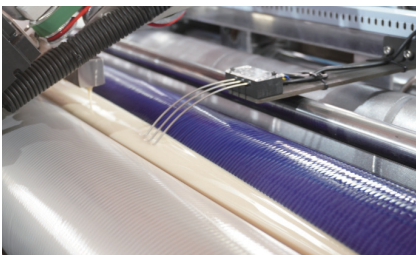
### ■ Leading-edge Feeder System

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



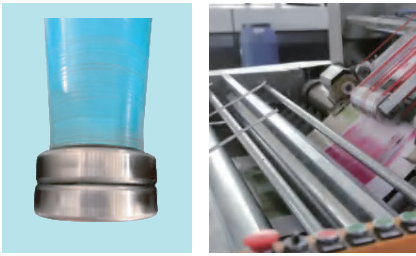
### ■ Servo control lifting pile plate

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



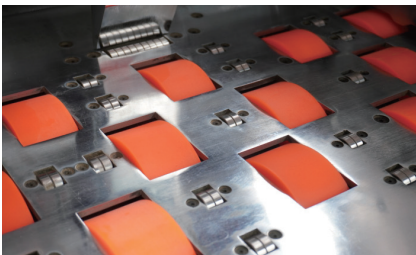
### ■ Enlarged glue roller

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.



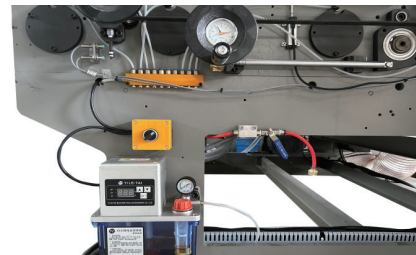
### ■ PU bottom feeding wheel

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



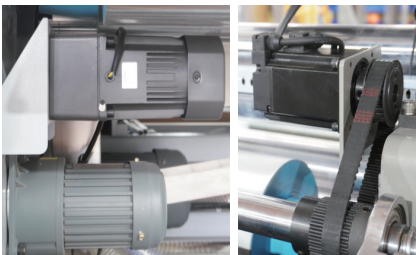
### ■ One-button operation

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



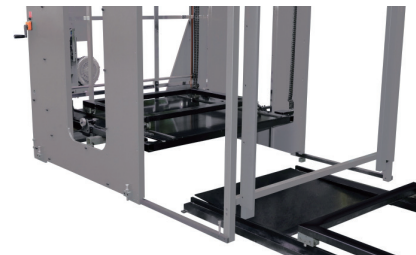
### ■ Automatic lubrication of bearings

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.