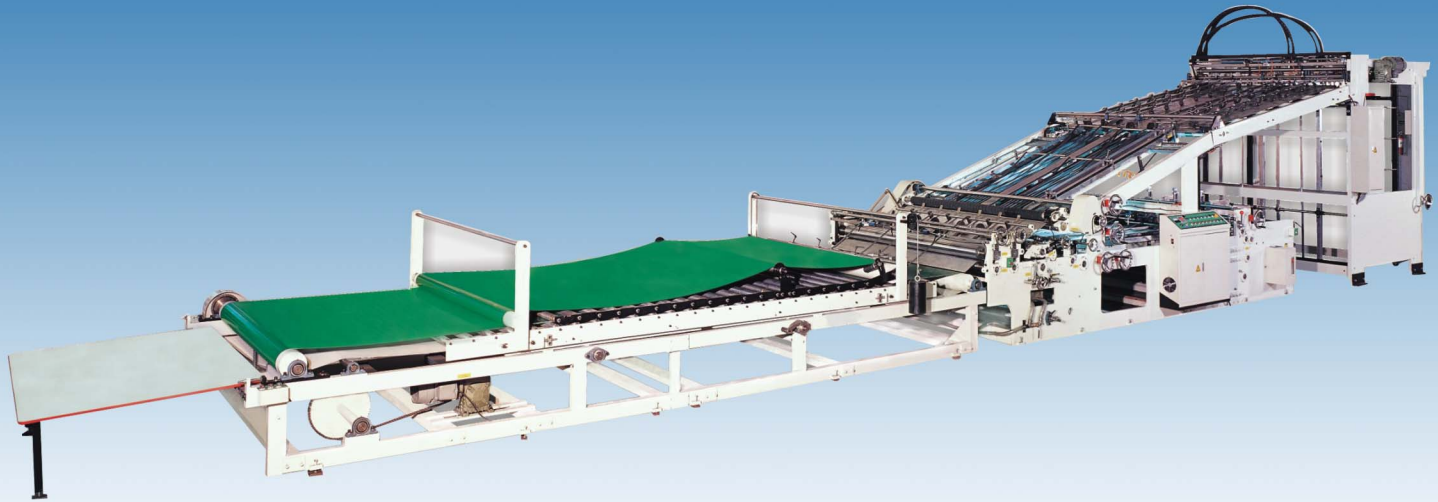


XH-145/145S/160 Automatic Flute Laminating Machine

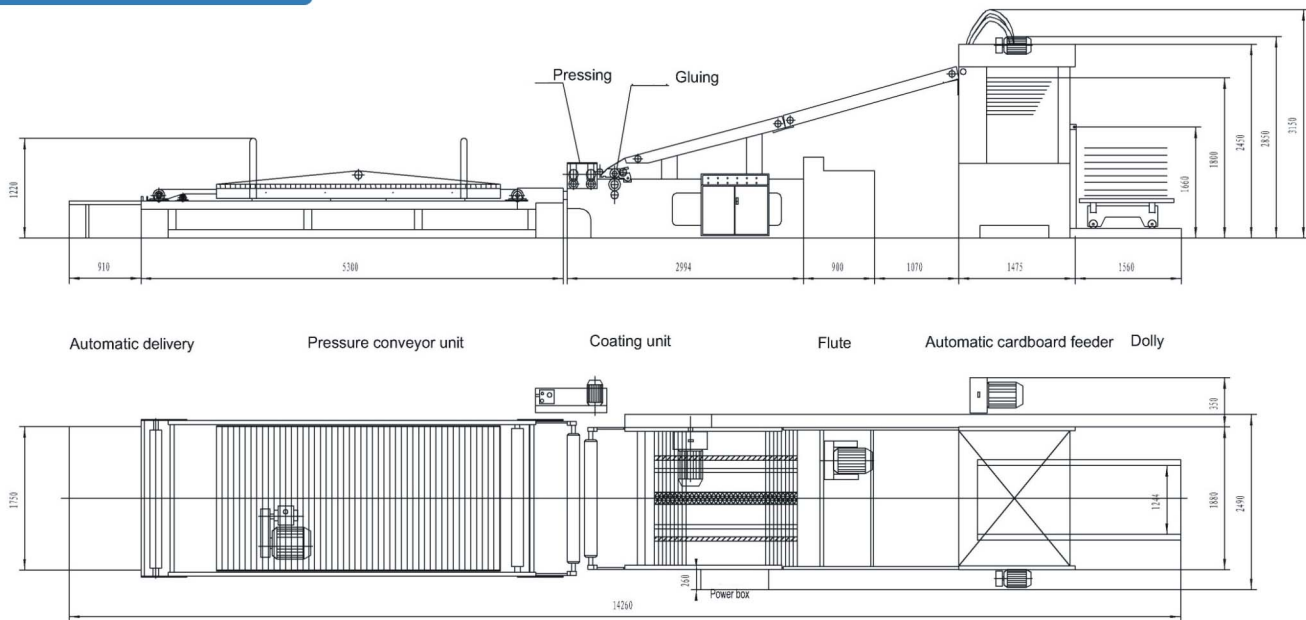


General Introduction

XH high-speed Automatic Flute Laminating Machine is a new generation of high precision based on the merits of similar manufactures home and abroad. Automatic cardboard and flute sending system is suitable for cardboard to cardboard, cardboard to flute (A,B,C,E,F corrugated board) lamination. It is really an ideal equipment for all kinds of high-level packaging boxes.

Floor Plan

Unit: mm



Standard equipments:

1. Automatic cardboard feeder

- Suction head movement of linear slippery guide system can ensure stable sheet sending and no wearing.
- Improved cardboard suction head and 6 suckers to send sheets more smoothly.
- Sensitive mechanical and electrical double sheet detector for the automatic detection of multi sheet or no sheet.
- Safety system uses a cam wheel sheet-in wheel to ensure that operation is efficient and precise.

2. Automatic flute feeder

- Strong suction motor holds the lower sheets of paper which are delivered by moving belt.
- Electromagnetic braking system to guarantee smooth and precise high speed sheet sending.
- Excellent design features three and five layers of fluted paper in flute A, B, C, E, F and can also handle thicker sheets of paper.
- Cardboard and lower layer of paper are controlled by photocells to avoid problems with missing cardboard or lower layers of paper.
- LED digital countering displayer can automatically and correctly calculate the productivity.

3. Laminating unit

- Inverters handle speed adjustment in the main unit, and centralized PLC control keeps the laminating accuracy within $\pm 1.5\text{mm}$.

- A phase registrator continuously compensates for laminating errors during high-speed operation to maximize productivity.
- An automatic glue supply system ensures that a full measure of glue is always available for gluing for optimum control and a minimum of consumption.
- Recycling glue supply system enables to make full use of glue.
- Suitable for five layers laminating, and cardboard to cardboard.
- Sheet-in roller (abrasion proof rubber roller) is suitable for laminating cardboard to cardboard.

4. Pressure conveyor unit

- Use a broad vertical belt to provide firm, even pressure.
- Pressure roller has easy back and forth adjustment, heavy poise hammer, easy operation.
- Pressure conveyor laminates glued sheets smoothly by using inverter to adjust speed.

5. Auto control

- Main motor and the motor in the laminating unit adjust speed by inverter.
- PLC control provides easy operation, easy maintenance.
- Main electrical parts are all from Taiwan or to ensure sensitivity and stability.

Specification

Model	145	145S	160
Maximum Sheet Size (L×W)	1100×1450mm	1450×1450mm	1450×1600mm
Minimum Sheet Size (L×W)	350×500mm	500×500mm	500×500mm
Total Power	13.4kw	15.9kw	15.9kw
Production speed	5~100 sheets/min	5~100 sheets/min	5~100 sheets/min
Machine Dimension (L×W×H)	14260×2490×2800mm	16590×2510×3300mm	16390×2510×3300mm
Weight	7585Kg	8810Kg	8585Kg

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