HELEX

PRECISION BY DESIGN

FLAT LAMINATION LINES

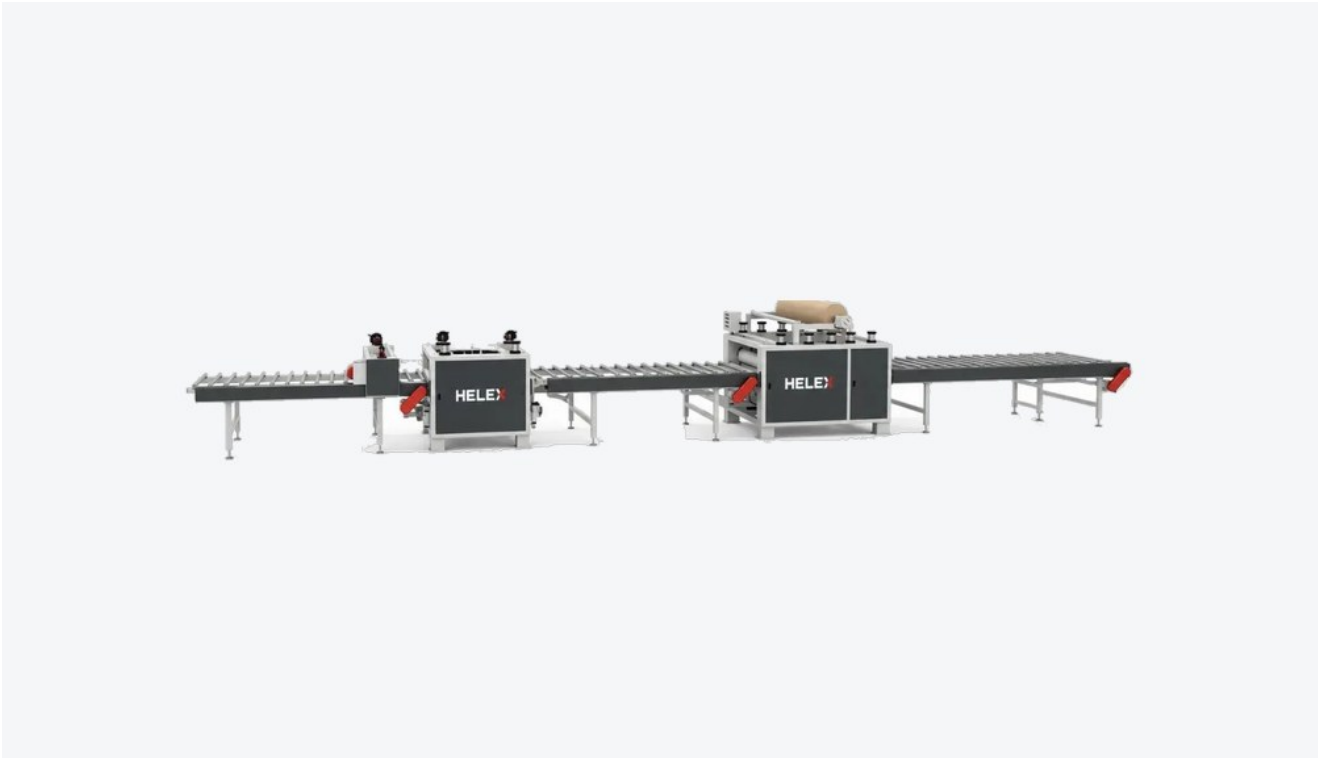
Cold-Glue Flat Lamination Line

Furniture panels · Decorative paper · PVC foil

Flat lamination of decorative paper and PVC foil on plywood, particleboard, hardboard, MDF and gypsum board with cold glue: brush cleaning, roller glue application, roller pressing and automatic paper cutting in one line.

MODEL HE 1200 B

1220 mm	3–40 mm	5–17 m/min	6 kW
DECLARED PANEL WIDTH	PANEL THICKNESS	WORKING SPEED	DECLARED DRIVE POWER



HE 1200 B — complete line

/ Application & Use

The HELEX HE 1200 B is a flat lamination line for bonding decorative paper and PVC foil onto plywood, particleboard, hardboard, MDF and gypsum board with cold glue: PVAc, latex or UF adhesive. The declared panel width is 1220 mm, the panel thickness 3–40 mm and the working speed 5–17 m/min. The line is intended for furniture panel production.

The line has three machines in a row on roller conveyors: brush cleaning, glue application and roller pressing with automatic paper cutting. The line speed is controlled electrically.

/ Raw Materials & Products

RAW MATERIALS

- Plywood, particleboard, hardboard, MDF, gypsum board
- Decorative paper, PVC foil
- Cold glue: PVAc, latex or UF adhesive

FINISHED PRODUCTS

- Laminated furniture panels
- Paper-faced and PVC-faced boards



HE 1200 B with panel samples in front

/ Structure and Configuration

1. **Brush cleaning machine**
   Two brush rollers remove dust from the panel surface before gluing.

2. **Glue application machine**
   Two natural rubber rollers Ø 190 x 1350 mm and one chrome-plated steel roller Ø 165 x 1350 mm; gluing drive 2.2 kW; upper roller lifting 0.75 kW.

3. **Roller pressing machine**
   Seven natural rubber rollers and three chrome-plated steel rollers Ø 190 x 1350 mm; heating roller Ø 156 x 1350 mm, 2 kW; drive 2.2 kW; upper roller lifting 0.75 kW; automatic paper cutting.

4. **Speed control**
   Electrical speed control of the line; working speed 5–17 m/min.



HE 1200 B — complete line

/ Technical Data

SPECIFICATION

Model	HE 1200 B
Machine type	**Flat lamination line**
Workpiece width, min.–max.	**declared panel width 1220 mm**
Workpiece thickness, min.–max.	**3–40 mm**
Substrate materials	**plywood, particleboard, hardboard, MDF, gypsum board**
Covering materials: foils and sheets	**decorative paper, PVC foil**
Adhesive or finishing product	**cold glue: PVAc, latex or UF adhesive**
Application units: configuration and motor power	**glue application machine: 2 natural rubber rollers Ø 190 x 1350 mm, 1 chrome-plated steel roller Ø 165 x 1350 mm; gluing drive 2.2 kW, upper roller lifting 0.75 kW**
Surface preparation: cleaning and pre-heating	**brush cleaning machine with 2 brush rollers**
Drying, curing and heating: type and power	**heating roller Ø 156 x 1350 mm, 2 kW**
Pressing and laminating unit	**roller pressing machine: 7 natural rubber rollers and 3 chrome-plated steel rollers Ø 190 x 1350 mm; drive 2.2 kW, upper roller lifting 0.75 kW**
Covering material cutting	**automatic paper cutting**
Feed system	**roller conveyors**
Feed speed	**5–17 m/min**
Control system	**electrical speed control**
Total installed power	**declared drive power 6 kW**
Overall dimensions (L × W × H)	**11500 x 1900 x 1750 mm**

Data according to the technical documentation of the machine. The supplied configuration, the heating and installed power, the electrical supply, the weight, the compressed air requirements and the installation requirements are specified in the quotation. Technical changes reserved.

/ Configuration on Request

- Adhesive type (PVAc, latex or UF) to suit the substrate and covering material
- Panel formats and covering materials to be confirmed with your own samples

SUPPLIER

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