HELEX

PRECISION BY DESIGN

GLUING PRESS SERIES

Hydraulic Gluing Press for Solid Wood

Window scantlings · Laminated panels · Glued laminated beams

Hydraulic gluing press for gluing solid wood lamellas, in four models with working lengths from 3200 mm to 6200 mm.

MODELS HE 3200 L – HE 6200 L

3200–6200 mm WORKING LENGTH	**6–12** PRESSING CYLINDERS	**150** mm WORKING WIDTH	**500** mm SUPPORT TRAVEL



/ Application & Use

The HELEX HE L series comprises hydraulic gluing presses for gluing solid wood lamellas into window scantlings, laminated panels and glued laminated beams. It processes softwood and hardwood lamellas, finger-jointed and continuous, as well as planed strips for edge and face gluing. The series has four models of the same design family: HE 3200 L, HE 4200 L, HE 5200 L and HE 6200 L, with working lengths of 3200, 4200, 5200 and 6200 mm.

Vertical pressing cylinders apply the clamping pressure across the glue lines: 6, 8, 10 or 12 cylinders depending on the model. Front pressing devices – 3, 4, 5 or 6 depending on the model – align the package longitudinally and are used for loading and unloading.

/ Raw Materials & Products

RAW MATERIALS

- Solid wood lamellas, softwood and hardwood
- Finger-jointed and continuous lamellas
- Planed strips for edge and face gluing

FINISHED PRODUCTS

- Laminated window scantlings and door blanks
- Laminated solid wood panels
- Glued laminated beams



Solid wood package clamped between the pressing stations.

/ Structure and Configuration

1. **Welded steel frame**
   Box-section steel frame, anthracite finish, for 3200 / 4200 / 5200 / 6200 mm working length, 150 mm working width.

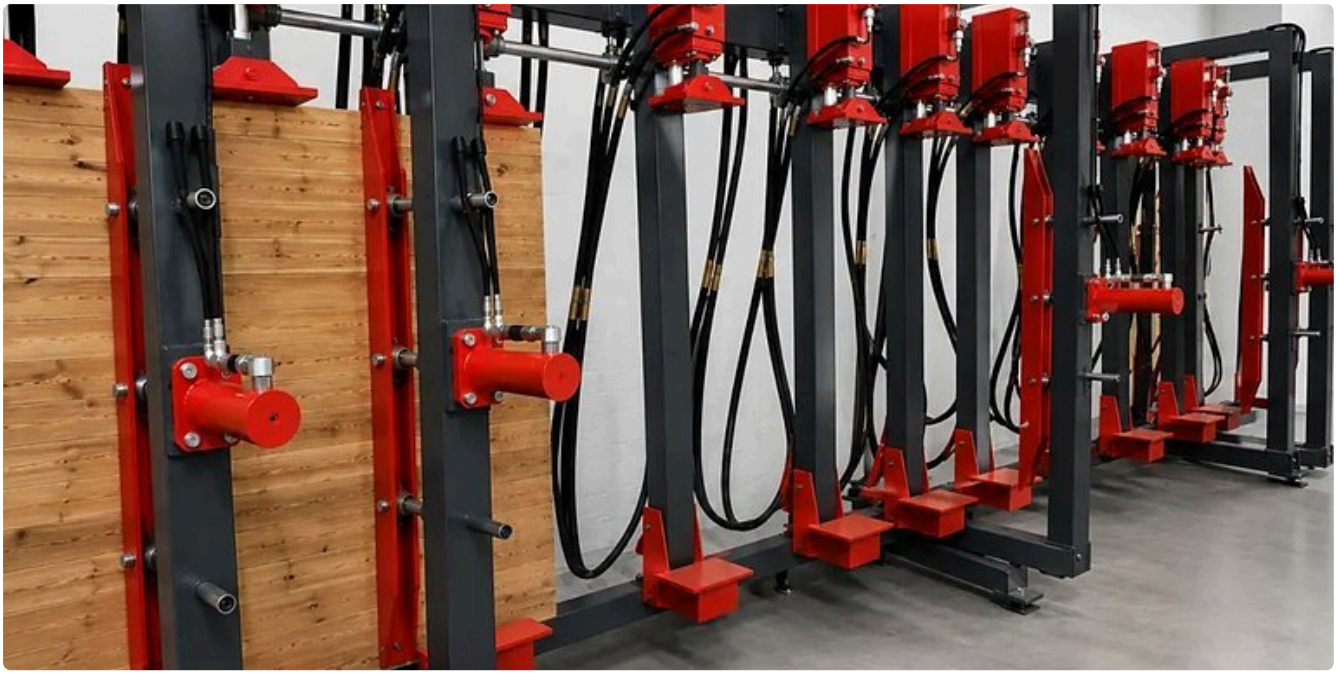
2. **Vertical pressing cylinders**
   6 to 12 hydraulic cylinders depending on the model, applying the clamping pressure across the glue lines.

3. **Front pressing devices**
   3 to 6 devices depending on the model, for longitudinal alignment of the package and for loading and unloading.

4. **Lower supports**
   Vertical travel of 500 mm upwards in 100 mm steps, to position the package for pressing and handling.

5. **Hydraulic power unit and control panel**
   Pump unit with pressure gauges; central push-button panel for pressing, releasing and pressure adjustment.

6. **Two working sections (optional)**
   The frame can be divided into two independent working sections, operated separately.



Pressing stations: vertical pressing cylinders, front pressing devices and lower supports.

/ Technical Data

MODELS

Specification	HE 3200 L	HE 4200 L	HE 5200 L	HE 6200 L
Working length	**3200 mm**	**4200 mm**	**5200 mm**	**6200 mm**
Number of pressing cylinders	**6**	**8**	**10**	**12**
Front pressing devices	**3**	**4**	**5**	**6**

COMMON DATA (ALL MODELS)

Press type	**Hydraulic gluing press for solid wood**
Working width	**150 mm**
Pressure adjustment	**at the hydraulic power unit, monitored on pressure gauges**
Workpiece support adjustment	**lower supports, vertical travel of 500 mm upwards in 100 mm steps**
Working sections	**optional: two independent working sections**
Hydraulic power unit: motor power and operating pressure	**pump unit with pressure gauges**
Control system	**central push-button panel for pressing, releasing and pressure adjustment**

Data according to the technical documentation of the machine. The supplied configuration and the installation requirements are specified in the quotation. Technical changes reserved.

/ Configuration on Request

- Working length within the series range
- Number of pressing stations
- Division into two independent working sections

SUPPLIER

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