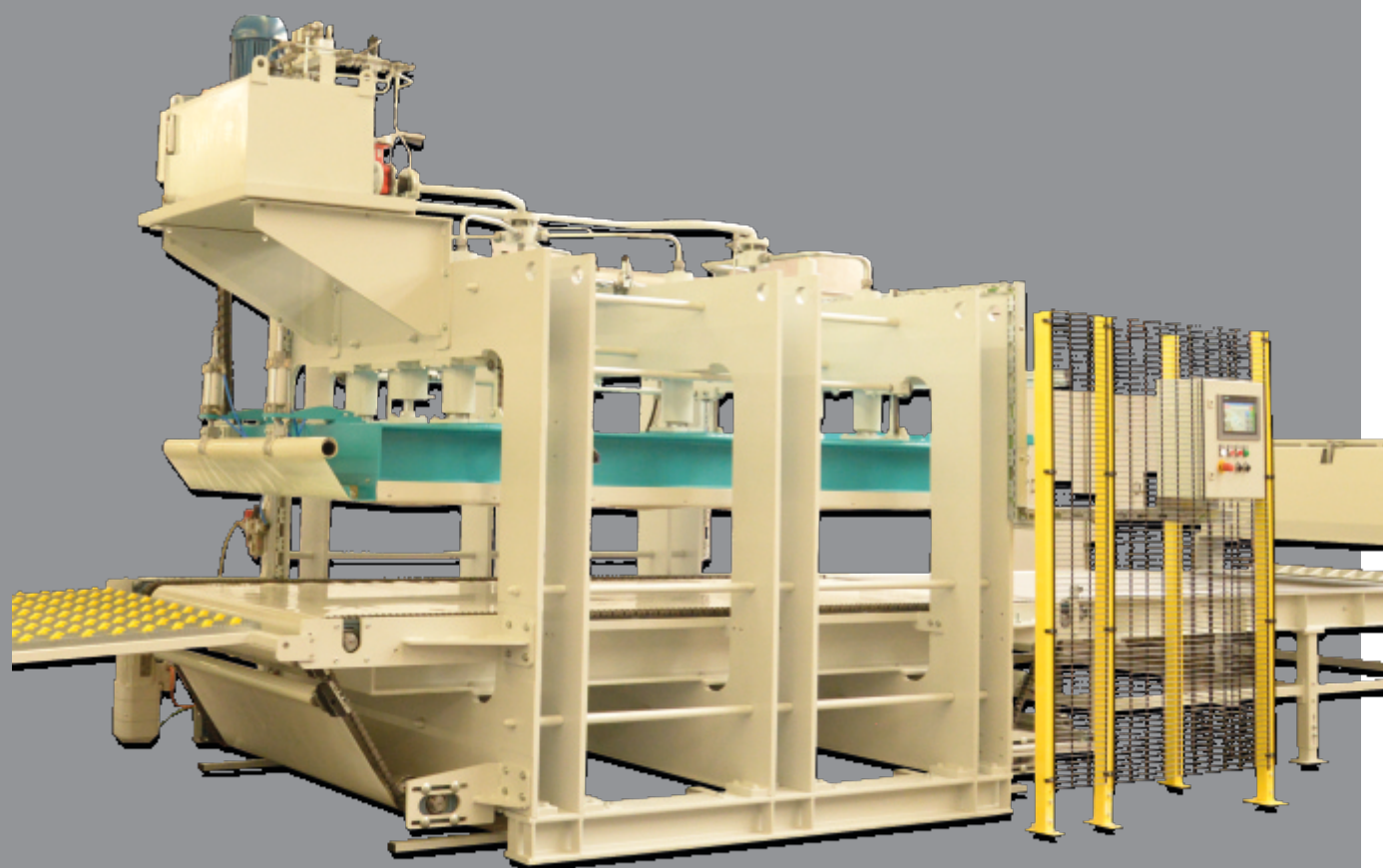




Presstechnik



HDP

Feed-through press



Feed-through press economical and user-friendly

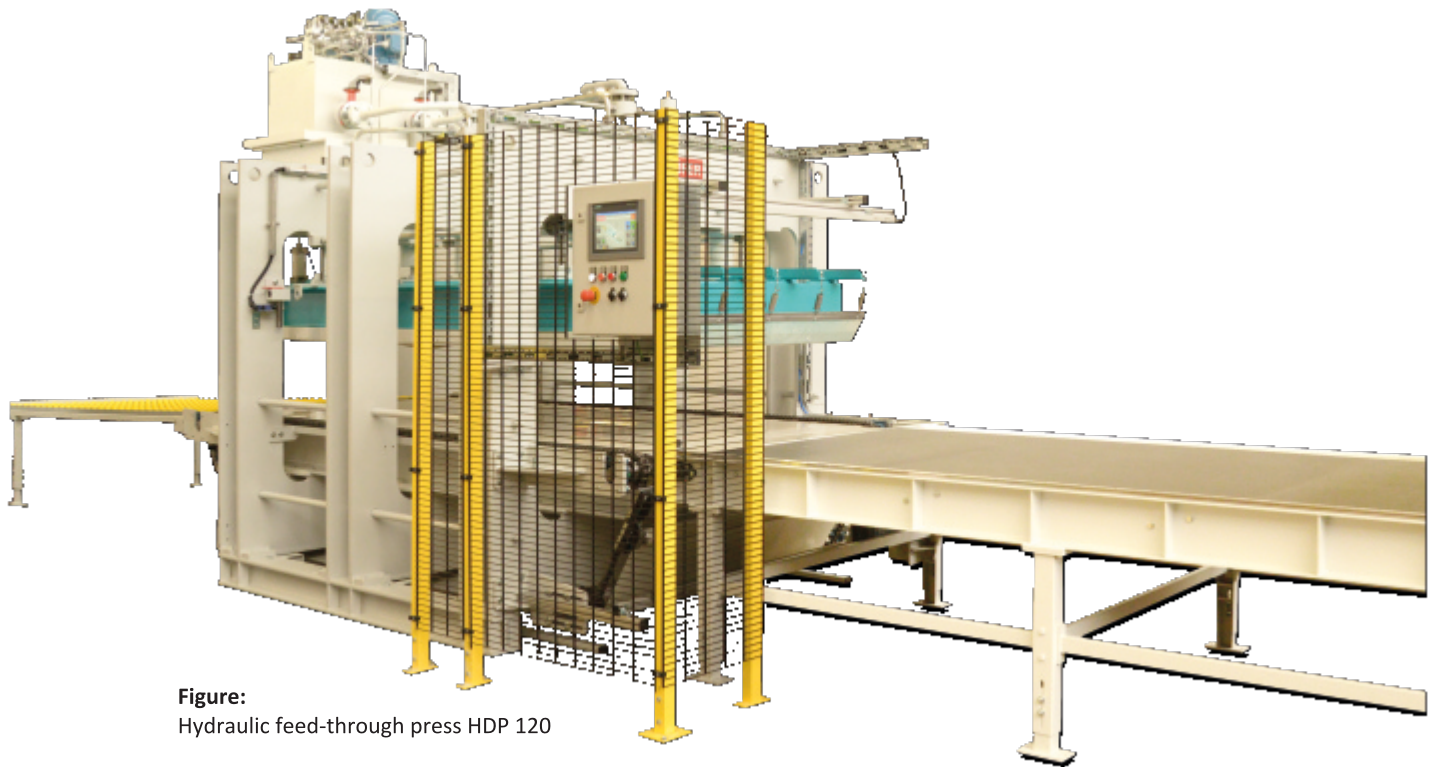


Figure:
Hydraulic feed-through press HDP 120

The optimization of your pressjobs with the HDP pressline is now also possible at an affordable cost:

- Higher production volumes due to fast loading and emptying
- For heavy workpieces
- To achieve optimum press results

Due to the favorable purchase price and optimal handling a short amortization is guaranteed.

The plant exists of a solid infeed table, hydraulic hot press combined with belt-driven transportation unit and a manual discharge roller table.

Safety is a priority

Safety that protects without hindering is of paramount importance at HÖFER. All models meet the EC Machinery Directive for mechanical engineering (2006/42/EC - CE certified).



Your request + our ideas = optimal advantage!

Already included in the basic equipment:

- Control panel with large 9" screen and all important controls
- Due to the size of the heating plate respectively the size of the workpiece, a 3-zone control is highly recommended. Thereby a quite uniform temperature distribution all over the entire heating plate is ensured even with different occupancy
- Workpiece size detection with automated calculation of the required pressure force for optimum and safe pressing
- Disengageable press cylinders in combination with the workpiece size detection
- Belt shaking device for a optimum emptying of the press
- Brush wiping system on the inside of the conveyor belt in the press, including exhaustion channel for connection to the in-house extraction system

Optionally the following accessories can be selected:

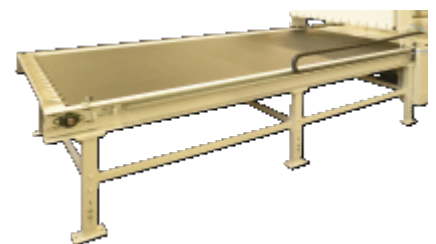
- Freely positionalbe control panel
- Material slide for a 1-person operation

OUR STRENGTH APPEARS IN DETAILS



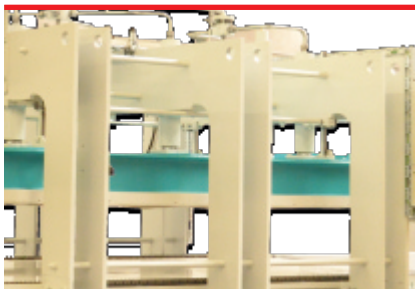
Operation panel

The operating elements are situated in the operator console. The clear arrangement of the control elements ensures a simple operation.



Infeed system

The ergonomic working height allows a simple and effective placing of the workpieces from both sides.



Konstruktion

The press portals are made of one piece and therefore absolutely resistant to aging breakthroughs. Two press tables are installed in order to distribute the pressing forces evenly.

Workpiece size detection

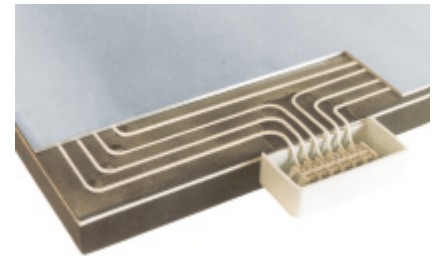
The workpiece(s) is measured during the transport into the press. The required operating pressure is calculated on the basis of the desired specific pressure. If necessary, external cylinders are deactivated.





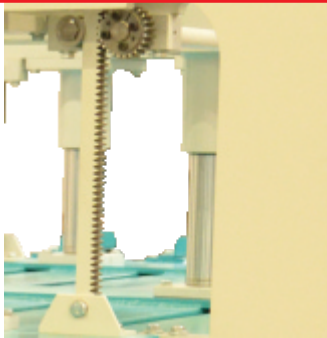
Conveyor belt

A massive chain system ensures optimal transport of the workpieces through the press. A polyester foil is used as the conveyor belt. If necessary, a simple exchange is possible. Optional: Teflonfoil



3-area heating plates

In order to achieve an even heat distribution, the two heating plates are divided into 3 heating areas.

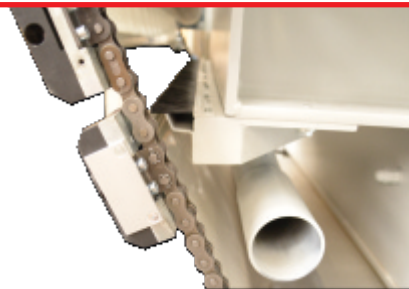
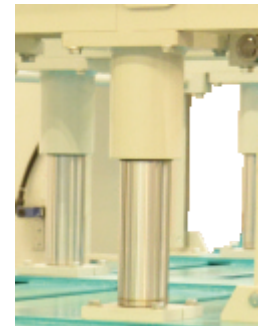


Gear rack balance

Ensures an absolutely parallel movement of the press during the closing and opening process of the press.

Hydraulic cylinders

are produced from thick-walled, seamless steel tubes. The pistons are hard chrome-plated. Multi-lip seals, wipers, and teflon-bronze guides ensure optimal, long-lasting operation.

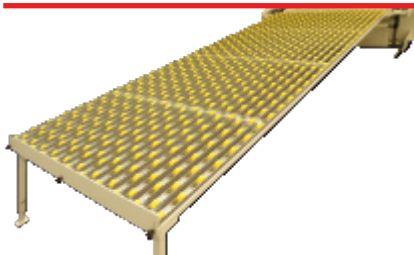
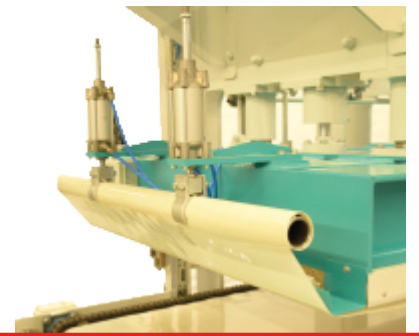


Wiping brush system

A wiping brush is attached to the inside of the conveyor belt in the press. The dirt particles are removed via an exhaustion channel.

Automatic belt shaking device

Prevents mostly that work pieces stick to the upper press plate. After each press cycle, the upper polyester foil is shaken.

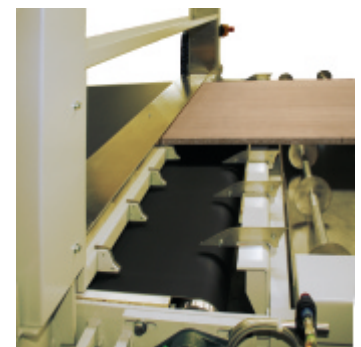


Discharge Roller Way

Via the conveyor belt in the press, the workpiece is transported onto a non-driven discharge roller way. At the end of the discharge roller way, lifting wedges are installed.

Material slide

For 1-person operation. The workpiece is pushed over the layout table and glides over the specially formed sliding plates onto the already prepared veneer, HPL, etc. (optional)



Technical data

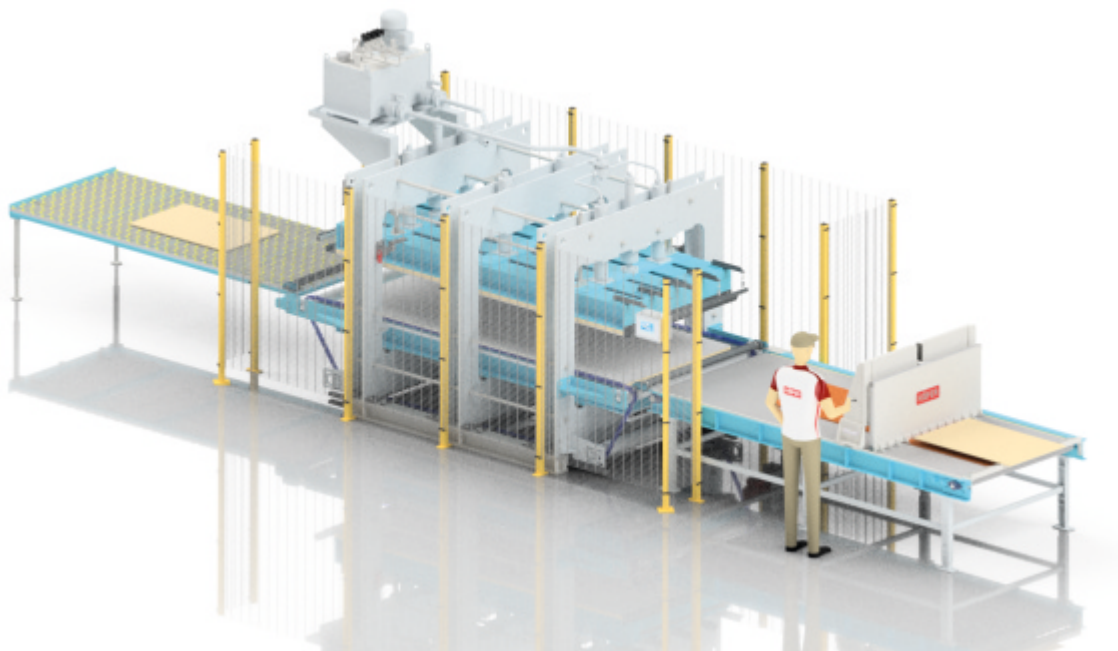
Standard models

		HDP 120	HDP 160
Total press force	[to]	120	160
Length of heating plates	[mm]	3000	3500
Width of heating plates	[mm]	1350	1350
Max. spec. pressure (at 80 % surface cover)	[kg/cm ²]	3,7	3,4
Number / diameter of cylinders	[mm]	6/85	8/85
Max. opening / stroke	[mm]	400	400
Heat-up time to 80°C (from room temperature, approx.)	[min.]	12	12
Operating temperature (max. allowed)	[°C]	120	120
Min. length of workpiece	[mm]	400	400
Total connecting load	[kW]	27	32
Brakers at 400 V / 50 Hz.	[A]	40	47
Total weight, approx.	[kg]	8.000	10.000

Options

- Material slide for 1-person operation
- Control panel free to place

Schematic presentation of the feed-through press with material slide



Certificates:

- Declaration of conformity
- HÖFER Quality Certificate



Subject to technical alterations, errors and misprints excepted.



HÖFER produces and assembles all machine components in their 10.000 m² state-of-the-art production facilities.



Quality from Austria



V2.4

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