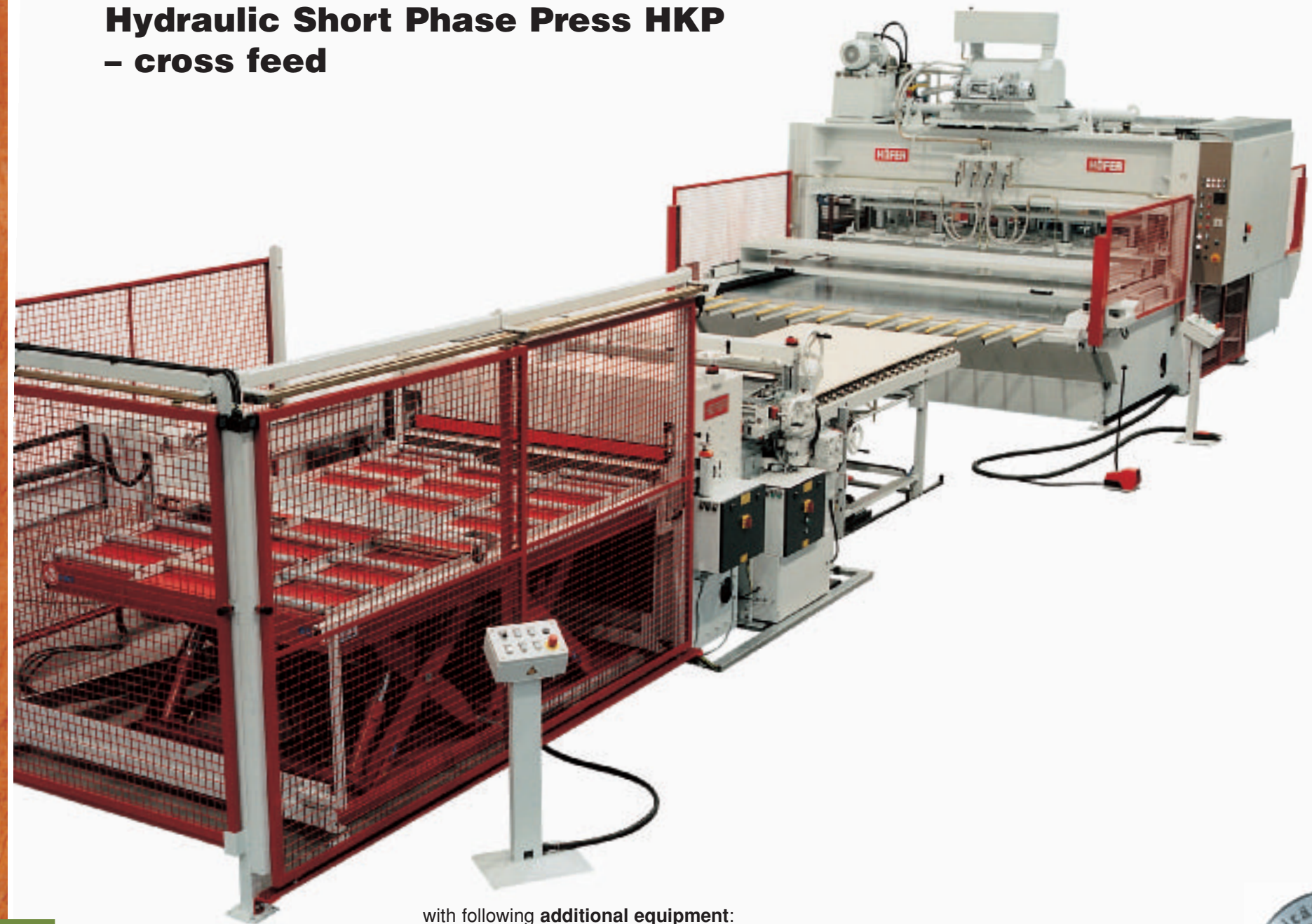


robust, strong and durable

Hydraulic Short Phase Press Line HKP

Hydraulic Short Phase Press HKP – cross feed



with following **additional equipment:**

- LIFTTABLE with INFEED-UNIT
- PANEL CLEANER
- GLUE SPREADER
- DUST REMOVER on underside of conveyor belt
- VIBRO BELT
- SIDE CYLINDERS, electrically de-activatable, with optic surveillance
- DOUBLE-UP DETECTING DEVICE
- THERMAL-OIL ELECTRIC HEATING SYSTEM

Hydraulic Short Phase Press HKP – longitudinal feed



with following **additional equipment:**

- DUST REMOVER on underside of conveyor belt
- VIBRO BELT
- SIDE CYLINDERS, electrically de-activatable, with optic surveillance
- DOUBLE-UP DETECTING DEVICE
- THERMAL-OIL ELECTRIC HEATING SYSTEM



Linear position transducer

The linear position transducer has two functions – it surveys the pressing area, ensuring that doubling-up does not occur and in addition, it stops all movement and generates a malfunction prompt when work-pieces are not centered.

Hydraulic cylinder

Heavy-duty chrome pistons and thick-walled cylinders transfer the entire hydraulic pressing force on to the sturdy pressing table. The cylinder / piston construction forms the frame guide for the pressing table. The seals and guide bands prevent dry running of the pistons. This guarantees perfect working order.



Thermo-oil heating unit

Using the high capacity programmable thermal oil heating unit, you can optimize the preparatory work procedures. The heating unit has a week-timer and can be programmed to suit your individual needs. It comes complete with safety thermostat, oil catch basin and complete piping.

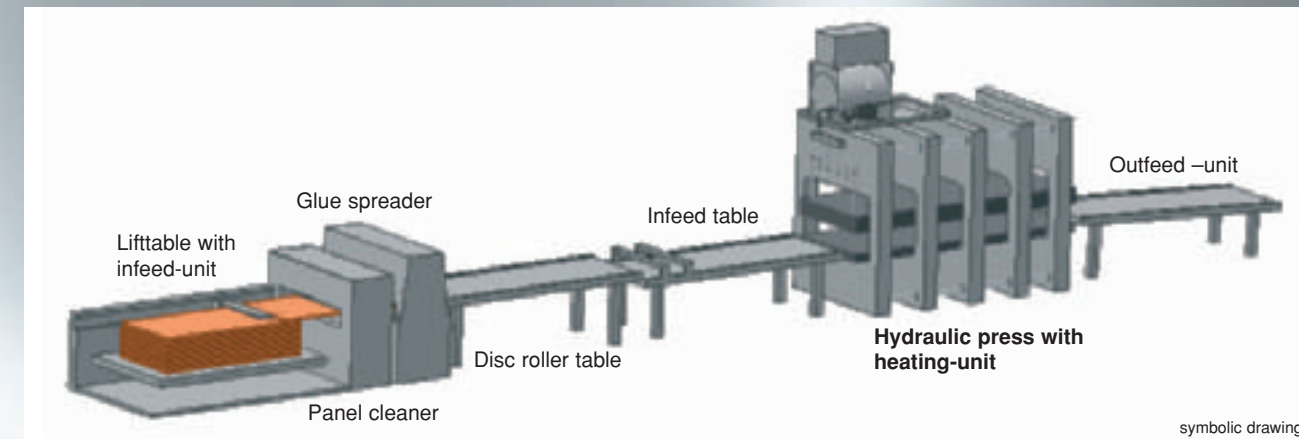
Control

The free-programmable control enables modifications to the standard programme in order to suit each customer's specific requirements. Main control functions are located in the control cabinet, customer specific ones can be placed on the subconsole.



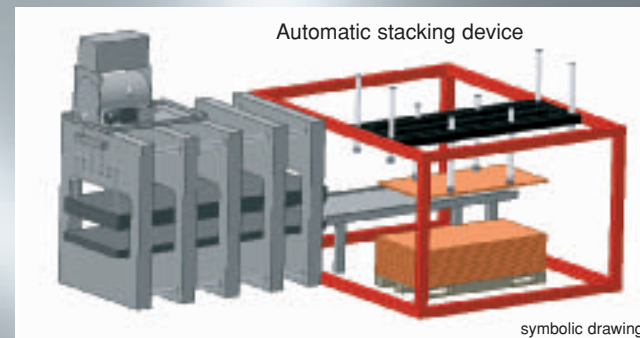
Quality is our Policy

Complete press-line consists of

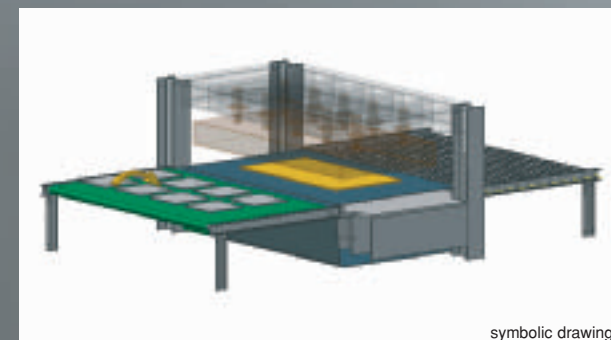


Stacking possibilities

The press unit stands out for the variety of stacking possibilities of the pressed panels. The list of possible solutions goes from the simple discharge roller-way with manual unloading up to a fully automatic unloading and stacking system.

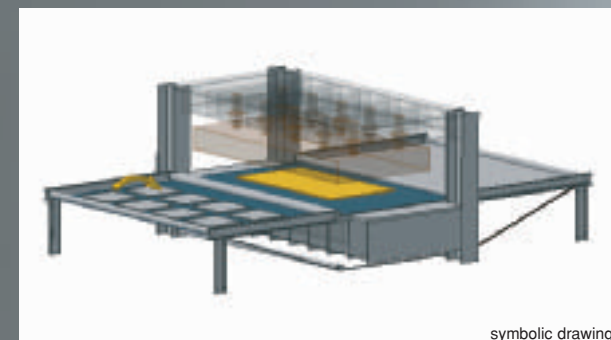


Loading systems



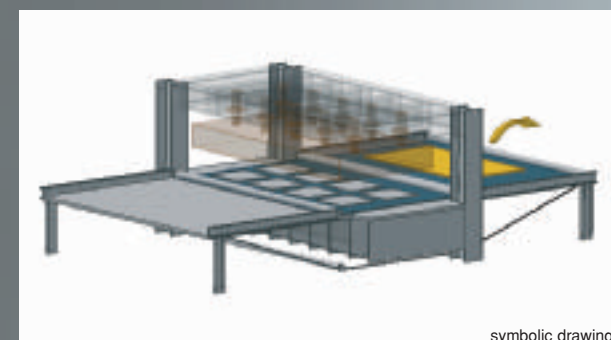
Single belt system

The glued and coated panels are transferred from the **loading belt** to the **press belt**. After expired press time, the panels are moved to the **discharge roller-way**. Due to the space between the belts, it is necessary to have a workpiece length of **at least 400 mm**.



Multiple belt system

Two or three **separate conveyor belts** ensure trouble-free transportation of the workpieces throughout all stations. The panel parts are on the belt that moves directly into the press. This enables loading and pressing of even small workpieces.



TECHNICAL DATA		HKP 160	HKP 200	HKP 300	HKP 400	HKP 500
Total pressing force	[kN]	1600	2000	3000	4000	5000
	[t]	160	200	300	400	500
Specific pressure (related to 80% of pressing area)	[N/cm ²]	60	70	80	90	100
	[kg/cm ²]	6	7	8	9	10
Number of cylinders		8	8	8	10	10
Piston diameter	[mm]	100	100	125	125	140
Size of heating plates						
Length	[mm]	3000	3300	3500	3500	3800
Width	[mm]	1350	1350	1350	1700	1700
Max. opening / stroke	[mm]	150	150	150	150	150
Connecting load (without heating system)	[kW]	7,5	7,5	7,5	11	11

Note: Because of our policy to continuously improve HÖFER products, technical data and specifications contained herewith are not to be regarded as binding but as a general correct representation of our products.

Hydraulic Short Phase Press Lines – a reliable press concept for a variety of laminates. HÖFER – press plants are available in standard sizes or made to customer requirements. Perfect know-how guarantees high quality products with easy handling. We offer a variety of state-of-the-art loading and discharging possibilities.

Standard features:

- gantry assembly made from solid steel frame
- press cylinders made from high alloyed steel tubing
- press pistons made from solid hardened steel, polished and hard chromed
- our reliable piston seals
- sturdy press-table construction
- drilled steel heating plates – single or multiple heating circuits
- heating elements suited for thermal oil, hot water or steam
- heavy duty parallel guides on the press table
- lift-back cylinders
- maintenance-free hydraulic system with spill oil line
- safety device against doubling-up of workpieces
- safety fences and guards



Quality is our Policy

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Hydraulic Short Phase Press HKP



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