

SENNERSKOV PRESSER



KUNI SENNERSKOV GLP VENEER PRESS

Sennerskov hydraulic pass-through press, model GLP- 64150 -1-6 EW



Sennerskov laying up belt

Conveyor belt is parted in two for optimizing the possibility of placing the veneer and panel work pieces.



Belt measures: 1700 x 1500 mm + 1700 x 4200 mm
Feeding: is stepped forward on laying up
Speed: synchronous with the feeding speed of the press
Machine colours: Primary: RAL 9002 (Grey white) Secondary: RAL 7037 (Dusty grey)



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Frame construction:

Very solid all-welded frame construction, that carry the press platens, upper as well as lower.

Each frame construction is prepared in one setup that secures a parallel installation of the press platens.

The total number of press frames is mounted on longitudinal steel beams in the bottom and top spacers, which are screwed or welded on dependent on the length of the press.

Press platens:

The lower press platen is fixed and the upper press platen is movable. The upper press platen is rack and pinion and connected to shafts with toothed wheels, securing a parallel, very fast movement for shutting and opening

The parallelism of the platen movement is controlled by electronic sensors that secure the closing a parallel, synchronized control of the set thickness of work piece.

The press platens are a patented double chamber system that uses the counter-flow principle, providing important benefits such as

- Homogeneous heat distribution
- Quick temperature changes
- Short economical heat-up time
- Large channel volume

Press pressure cylinders:

Pressure cylinders are made in a very strong dimension. Cylinder shaft is in hard chromium plating and thus has an extended service life. The cylinders are equipped with scraper rings to secure against penetration of dust particles.

Press pass-through system:

The upper press platen is fitted with polyester film – suspended in each end – and is equipped with a pneumatic vibrating and clamping system to prevent work pieces from getting stuck on the upper platen.

The conveyor belt in the lower press platen is made of polyester. It is two-parted – suspended in each end on round bars for clamping – and the press platen is mounted with small air nozzles to secure against the polyester belt and work pieces being stuck on the lower platen.

The pass-through conveyance is central, pulled by a powerful drive shaft that has a chain drive in each side, which is connected to the chain wheel of the pass-through. This secures a constant parallel drive.

The system is driven by a frequency-regulated gear motor for soft start and stop.



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Technical data:

Platen size:	1630 x 3810 mm
Platen type:	Sennerskov Chamber platen
Press frames:	5 pcs.
Pass-through speed:	40 m/min.
Total pressure:	
Specific pressure: (at 80% laying)	11 kg/cm ²
Pressure cylinders:	10 pcs.
Lifting cylinders:	2 pcs.
Pressure control:	Standard adjustment of pressure and pressing time, aut. opening/closing of the press.
Platen opening:	150 mm
Closing speed:	approx. 2.5 sec.
Working pressure:	approx. 3.5 sec.
Working height:	1000 mm
Power supply:	xxxx kW
Machine weight:	30,000 kg
Machine colours:	Primary: RAL 9002 (Grey white) Secondary: RAL 7037 (Dusty grey)