

HYDRAULIC PRESS FOR GLUING FLOOR BOARDS **HSDP**

v1

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The HSDP hydraulic press serves for layer gluing of the wooden elements comprising floor boards, square-sawn timber, and other elements under high pressure from hydraulic actuators reaching up to 1.4 MPa (14 kG/cm²). The pile of glued elements is formed by the hydraulic pressing between the actuator beams and the lower stopping beams. Gluing by thickness allows the shaping of any profile, lowers the cost of working, and decreases the amount of scrap material. The HSDP press is also equipped with pneumatic clamps for securing the pressed pile against displacement.



TECHNICAL AND OPERATIONAL DATA:

Amount of loading fields	pieces	6 (3x2500,2000,2x1000) (*)
Maximum strip width	mm	400 (*)
Loading field dimensions:		
- loading height	mm	max 600
- board length in one field	mm	max 2500 (*)
Amount of actuators per field:	mm	φ 140 x 300 – 4 pcs. + 2 x qt. 2
Installed power	kW	7.5
Working voltage	V AC	3/N/PE, 400V 50Hz
Control voltage	V DC	24
External dimensions:		
length	mm	12500
width	mm	1430
- maximum height	mm	2200
Range of achieved pressing forces (per actuator)	kN	- vertical 200 (for a pressure of 14 MPa)
Recommended working pressure	MPa	- vertical clamp 8.0 - 14.0 (depending on wood type and board dimensions)
Hydraulic oil		L - HL 46 (PN - 91/ C - 96057 / 04)
Total machine mass	kg	17000

(*)—the amount of loading fields, their length, and board width can be adjusted according to negotiation with the client.