

HYDRAULIC CLAMP FOR GLUING ARCHED ELEMENTS

HSKG - Ł

v1

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The HSKG-Ł hydraulic clamp is designed for gluing wooden arches according to thickness, used mainly in the production of elements of the so-called "gardening variety." Gluing is done under high pressure from the hydraulic actuators. The pile of glued elements is formed by the hydraulic pressing between the vertical actuator beams and the hooves. The most frequently applied make is a version with hooves heated by means of hot water. Gluing by thickness allows the shaping of any profile, lowers the cost of working, and decreases the amount of scrap material.



TECHNICAL AND OPERATIONAL DATA:

Amount of loading fields	qt.	5 (*)
Maximum strip width	mm	450 (*)
Loading field dimensions:		
- loading height	mm	960
- board length in one field	mm	2200 (*)
Amount of actuators per field:	qt.	(4 qt.) ϕ 125 x 430
Range of attained pressing force (per one vertical actuator):	kN	61 - 135
Recommended working pressure (depending on wood type and board dimensions):	MPa	5,0 - 11,0
- vertical press		
Installed power	kW	5,5
Rated current	A	11
Working voltage	V AC	3/N/PE, 400V 50Hz
Control voltage	V DC	24
External dimensions:		
- Length	mm	ok. 13000 (5 fields)
- Width	mm	1100
- maximum height	mm	2400
Total machine mass	kg	~ 13800
Hoof heating agent feed		
Water temperature	°C	max 80
Maximum pressure in the heating network	MPa	0,3
Total volume of water used to fill five sets of hooves	m ³	2,5
Lines to the main supply pipe		G1 ¹ / ₂ – external thread

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