

HYDRAULIC WINDMILL PRESS **HSWA**

v1

2013/01/23

The hydraulic windmill press is designed for the gluing of wooden elements. The applied constructional solution makes it possible to glue elements according to width, up to the attainment of elements of a "table top" type. It consists of six loading fields, and each loading field has 2 loading sections. The loading process takes place on one loading field.

The machine base is a spatial welded steel body constructed from sections. Six loading fields welded into one frame are located on the base. Each loading field has four upper pressing hydraulic actuators and four lateral pressing actuators. A motored reducer serves to turn the rotating frame, turning it 60°, allowing the unloading of pressed elements and the loading of new wooden boards.



TECHNICAL AND OPERATIONAL DATA:

Amount of loading fields	qt.	6
Amount of loading sections	qt.	12
Loading section dimensions:		
- loading height	mm	1080 – 1100
- board length in one section	mm	1300
- Board thickness (min / max)	mm	20 / 60
Amount of actuators per section:		
- ϕ 40 x 25	qt.	2
- ϕ 63 x 80	qt.	2
Installed power	kW	3,0
Electric supply	V AC	3/N/PE, 400V 50Hz
Control voltage	V DC	24
Dimensions (length x width x height)	mm	4200 x 4000 x 3600
Appliance mass	kg	2800