

Edge cutting and grooves making machine FPS-400-3000



FPS-400-3000 was designed for trimming the edges of SIPs and making the connection grooves in the core (EPS, foamed PU) in one operation cycle.

All manufacturers of sandwich panels SIPs know how it is difficult to make a grooves manually. Our machine provides fast and easy treatment of the panels to keep manufacturing time. Video of operating you can watch on our YouTube channel <https://www.youtube.com/watch?v=fCEBedZxgQk>





Pic.1 Saw blade and brush

Pic.2 Brush only

Pic.3 Saw blade only

Set of tools:

- 400 mm - saw blade Leuco (GER)
- stainless brushes for making grooves in EPS.

Pneumatic clamping system and cams provide comfortable positioning of the panel.

The speed of the carriage is controlled by a frequency converter, which enables to cut panels of various materials.

Working surface of the table is covered with stainless steel to facilitate the movement of heavy magnesite panel.

The time required for the changeover to another installation thickness of the product (adjusted raising and lowering drive and brushes with screws) - about 4 minutes. There is a model of the machine with automated changing the cutting thickness.

The time required for the changeover to a different installation depth of the sample (to replace a set of brushes to the correct size) - about 3 minutes.

The FPS-400 may be equipped with Jib Crane for loading and unloading.

Technical parameters

Nº	Name of parameter	Standard
1	Max size of the panels, mm	3000x1250x360
2	Saw blade, mm	400
3	Depth of grooves, mm*	30, 40, 80, 120
4	Speed, m/min	10-15
5	Power consumption, kW	7,5
6	Electricity: Voltage, V / Frequency, Hz	400-415 / 50
7	Air pressure, bar	6-8
8	Pneumatic system	CAMOZZI (ITALY)
9	Personal	2
10	Aspiration system	yes
11	Dimensions, MM: - Length - width - height	5500 4000 1900
12	Weight, kg	2500

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