

LUP-O SURFACE ENRICHMENT LINE

v1

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In recent years, there has been dynamic development in gluing and enriching technologies for wood or wood derivative surfaces using ecological products such as oil or wax, both in the scope of advances in materials and in innovative technical solutions. To respond to these new solutions, the FAMAD company presents the fully automated LUP-O line for oiling, waxing, or wax oiling.

Oiling and waxing are very popular methods for protecting floors. Oil is an ecological solution, and another layer is not formed on the floor because oil penetrates into the wood and impregnates it. Waxing has a similar effect, protecting against the penetration of water. This solution allows a wood floor to maintain its natural properties. These floors are suitable for rooms with more intensive traffic such as e.g. halls, corridors, entrances to apartments. An oil coat can be stained in many colors, darkened, or the effect of a bleached floor can be achieved

The LUP-O line consists of:

- a) **a mesh conveyor equipped with an infrared heater with a power of 2 x 2 kW, equipped with a heating power regulator for the purpose of achieving the appropriate temperature of wood element surfaces**
- b) **two cylinder oil (wax) spreader**
- c) **belt conveyor with side bases for uniform transport of elements and built-on elements for uniform spreading and rubbing in of oil :**
 - **two pad type elements fastened on velcro straps making fast and easy replacement possible,**



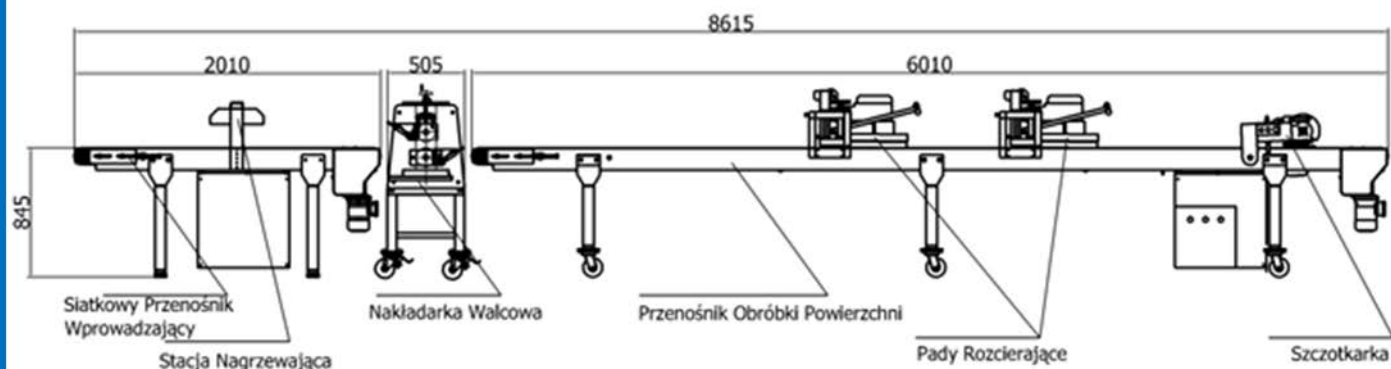
Photo Pad type elements

- **cylindrical brush facilitating rubbing in of the oil (wax) and achievement of the appropriate surface structure**



Photo Cylindrical brush

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TECHNICAL AND OPERATIONAL DATA:

Max. dimensions of the input element (height x width x length)	mm	40x400x2500
Working width	mm	400
Working height	mm	850
Total line length	mm	8615
Element heating temperature (regulated by the heating power controller)	°C	35 - 40
Amount of applied oil	g/m ²	10 - 25
Operating advance rate (regulated)	m/min	7.5 - 24
Rotational speed of spreading elements		
- pads	rpm	150
- brush	rpm	370
Installed power	kW	7
Electrical supply	V AC	3/N/PE, 400 V 50 Hz
Control voltage	V DC	24
Noise levels	dBA	72
Line weight	kg	600