MAAN ENGINEERING

Technical Data Sheet Rotary Laminating Press

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For the perfect transfer of glue and a good material bond

The Maan Rotary Laminating Press is a high-quality calendering machine. This rolling machine calenders the double or triple laminate, after the (PUR) Hot Melt has been applied and the laminating process has taken place. The purpose of the Maan Rotary Laminating Press is to establish the material bond. The primary function is therefore not to compress, but to allow the glue to be transferred from the glued panel to the laminate. The correct settings of height and speed are therefore very important. The user-friendly graphics HMI and the possibilities of fine tuning ensure that the Maan Rotary Laminating Press contributes to the production of panels in the highest quality.

Separately driven rollers

The two rollers in the Rotary Laminating Press are driven separately from one another by powerful motors. The advantage of this is that the roller speed can be set individually via the touchscreen display. This prevents the formation of “bananas” on panels made of flexible materials.

Electronic height adjustment

The distance from the upper roller to the lower roller can be adjusted via the touchscreen display. The rollers are then moved electrically to the correct position. This electric height adjustment ensures continuity in the production process and flexibility to handle various material thicknesses. The Rotary Laminating Press can be easily integrated into a production line where the mother machine then varies the pass height per panel.

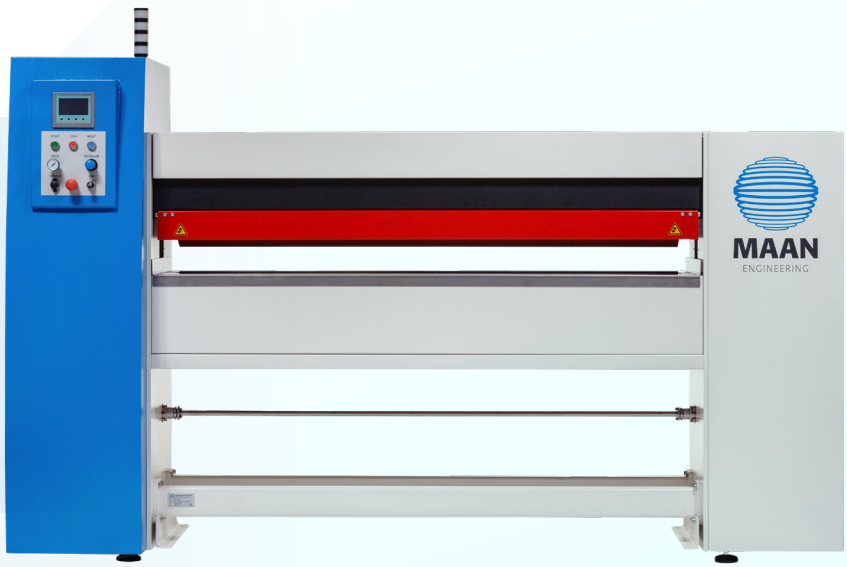
Integration

The combination of Drum Melter, Roller Coater and Rotary Laminating Press creates a strong production line. A central control system allows flexible and efficient processing of various types and dimensions of material. The Maan Rotary Laminating Press is prepared for integration into a (semi-)automatic production line. >

OPTIONS

An extensive selection of options is available on all our machines.

For more information, contact us so that we can configure the machine to your requirements.



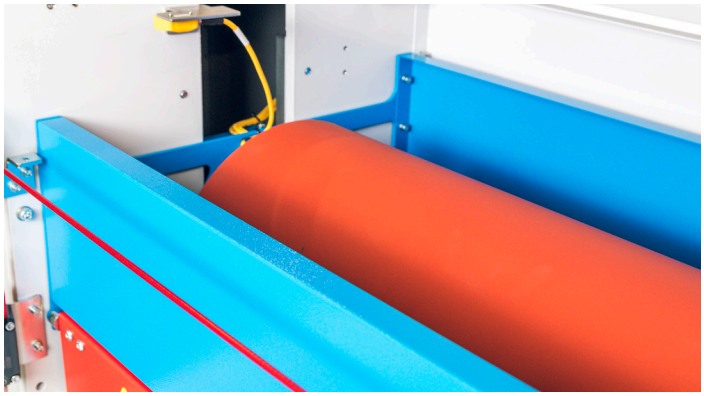
Rotary Laminating Press

SPECIFICATIONS

Technical overview	RLP800	RLP1600	RLP2000	RLP2400
Substrate width (mm)	800	1600	2000	2400
Roller width (mm)	900	1700	2100	2500
Working height (mm)	950	950	950	950
Substrate thickness (mm)	3-100	3-100	3-100	3-100
Speed (m/min)	3-30	3-30	3-30	3-30
Pneumatic pressure (bar)	6-7	6-7	6-7	6-7
Diameter of the roll (mm)	290	290	290	290
Power supply	3/N/PE 400V, 50/60 Hz, 6A	3/N/PE 400V, 50/60 Hz, 6A	3/N/PE 400V, 50/60 Hz, 6A	3/N/PE 400V, 50/60 Hz, 6A
Dimensions (lxwxh) (mm)	2000x1000x1800	2800x1000x1800	3200x1000x1800	3600x1000x1800
Weight (kg)	800	1000	1200	1400
Hardness rubber on roll (shore)	70°	70°	70°	70°

Electronic control with graphic HMI

Easily accessible top roller



Rubberized rollers

Powered folding tables as an option

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