Joos



Vacuum technique
Industrial Line

MADE IN GERMANY

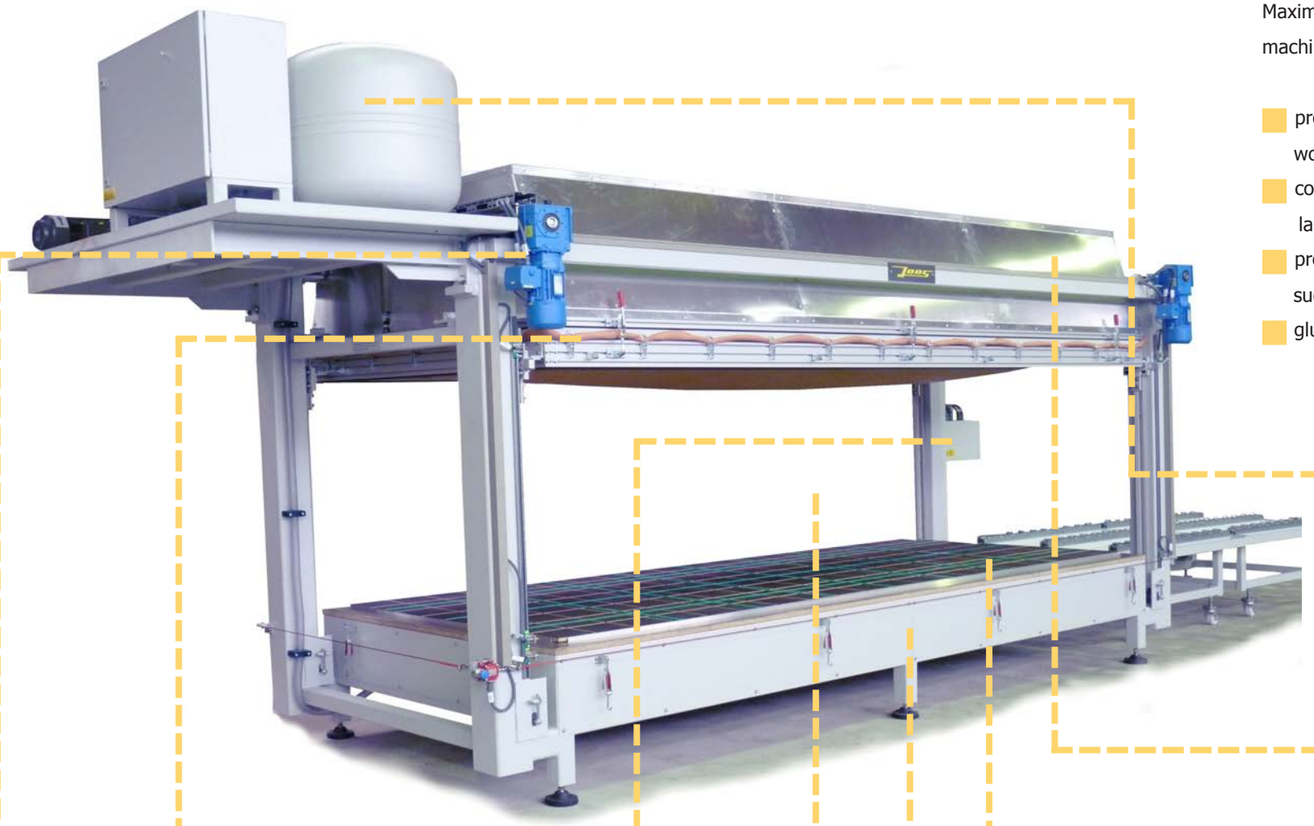
Joos

The company Joos is one of the leading manufacturer for hydraulic presses and vacuum presses. We produce machines and plants for national and international customers, amongst others of the automobile and woodworking as well as aircraft industries.
Our product portfolio complies with the high requirements of the user relating to economy, ease of use, safety and reliability

Industrial Line

We developed vacuum presses of high quality in different designs for mould-gluing of wooden material as well as forming of thermoplastic material. These presses are individually customized.
The model Industrial Line is characterized by its precise, simple operating and multi-purpose usability, especially in processing big and complex parts.
Technical data and sizes are available on request.

- open on all sides and easy operating of the machine
- customized designed and manufactured
- four column construction with motor drive
- fast membrane exchange system
- optional devices for loading and discharging
- optional infrared heater (up to 170°C) can be used



Application

Maximum flexibility during design and manufacture of the machines ensure a wide range of application:

- production of moulded parts made out of veneers, thin ply wood, form ply wood, honey comb and laminates
- coating of even and moulded parts with foil, veneers, laminates, etc.
- production of moulded parts out of thermoplastic materials such as mineral plastic, acrylic, plastic
- gluing of edges and profiles

Vacuum pump and vacuum tank

The vacuum pump and vacuum tank can be mounted either onto the top part or next to the press. The large-volume vacuum tank as well as the effective vacuum pump (95 % vacuum) ensures a fast vacuum generation.

Heating

Heating of the vacuum membrane as option from top either with hot air or alternatively with infra red heating section.

Working plate

The waterproof, resistant working plate is equipped with cross cuts for a better distribution of the vacuum. The working plate can be exchanged.

Solid base frame

The base frame is welded out of solid steel profiles and is suitable for holding heavy moulded parts.

Motor drive

The double frame with membrane is driven by an electric lifting system in order to open and close it.



Clamped membrane

The membrane is clamped into the double frame and can be fast and easily exchanged within minutes without using any tools.



Control

A clearly arranged operating unit with parameter setting such as vacuum, pressing time and temperature.



Open on four sides

The loading of the machine can be carried out from all four sides.

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Examples on the application of the Industrial Line







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