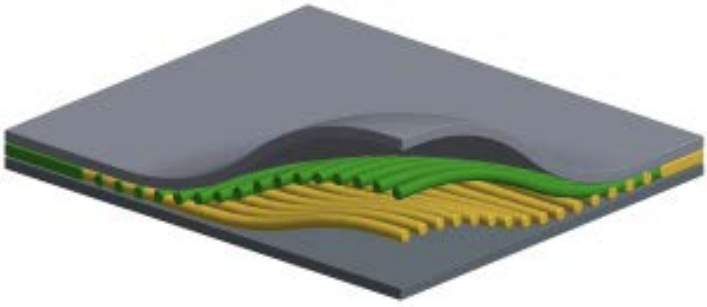

# Composite

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, woodworking and aircraft industries as well as composite division.

Our product portfolio complies with the high requirements of the user relating to economy, ease of use, safety and reliability.



LAP 450 designed as yoke press, pressing area 1000 x 1000 mm, electrically heated, operating temperature 450°C

Our customer develops new raw material for the light construction on the Joos-Laboratory-Press. In order to reach the small tolerances and high quality standards he trusts in Joos-Presses.

The production of composite materials is cost and time consuming. Therefore, our customers trust in the experience of Joos in the composite press segment. In order to realise your ideas, Joos manufactures hydraulic presses for producing even laminates made out of glass reinforced plastics, carbon fibre reinforced plastic or RTM (resin transfer moulding).



LAP 500 designed as yoke press, pressing surface 1000 x 1000 mm, thermo-oil heated, operating temperature 300°C, position control with 0,05 mm accuracy

Our customer develops new composite material for the furniture industry. The developments comply with the demand for highest quality standards.

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Joos offers various possibilities for processing composite materials in order to reach the required temperatures. For this, aluminium heating platens, register heating platens or special steel heating platens are heated up to the appropriate temperatures by means of water, thermo-oil or electrically. You achieve a very good quality of your products due to the high surface standard of the heating platens and the even temperature distribution.



HP-S 3300 designed as yoke press, 6 daylights, pressing surface 3100 x 1600 mm, thermo-oil heated, operating temperature 300°C

Our customer produces fibre reinforced plastic panels and moulded parts on the Joos-Multi-Daylight-Press. This offers him a high quality standard that he can pass on to his customers at its best.

## Joos-Laboratory-Press

The Joos-Laboratory-Press is characterized by its solid construction and matured technique. The flexible modular design facilitates a fast adaption to the particular tasks. We ensure a simple and safe operation as well as a durable product by using standardized components.




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