Joos



Vacuum technique
Heavy 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.

Heavy 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 manufactured as standard machines as well as customized designed. The model Heavy Line is characterized by its solid construction and matured technique. We ensure a simple and safe operation as well as a durable product by using standardized components. Technical data and sizes for serial machines are given on the back side of this leaflet.

- waterproof, resistant working plate with cross cuts
- solid table construction (optional movable)
- fast membrane exchange system
- vacuum height can be selected electronically (optional < 5 mbar)
- use for big (up to 600 mm) and heavy (up to 500 kg) moulded parts



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

Heating hood

The curing time of the pressed parts will be expedited by the adjustable temperature of up to 90°C. The connected load ranges from 2,0 to 4,0 kW depending on the table size.



Switch cabinet

The operating elements are clearly arranged and integrated in the switch cabinet.

Working plate

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

Welded lower frame

The torsion-free lower frame of the press is welded out of steel sections and suitable for heavy moulded parts.

Vacuum pump and vacuum tank

The vacuum pump and the vacuum tank are firmly installed into the lower frame of the press.



Welded aluminium profile frame

The welded aluminium profile frame increases the stability of the cover plate as well as the solidity of the vacuum.



Clamped membrane

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



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	VAK 1515	VAK 2015	VAK 2515	VAK 3015	VAK 3515	VAK 4015
Working surface	1300 x 1300 mm	1800 x 1300 mm	2300 x 1300 mm	2800 x 1300 mm	3300 x 1300 mm	3800 x 1300 mm
Moulds height max.	600 mm	600 mm	600 mm	600 mm	600 mm	600 mm
Recommended mould dimension	700 x 700 mm	1200 x 800 mm	1700 x 800 mm	2200 x 800 mm	2700 x 800 mm	3200 x 800 mm
Size of pump	16 m^3/h	16 m^3/h	16 m^3/h	40 m^3/h	40 m^3/h	40 m^3/h
Size of tank	200 l	200 l	200 l	400 l	400 l	400 l
Operating voltage	400 V	400 V	400 V	400 V	400 V	400 V

Subject to modifications because of technical advantages. All data without liability.

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