



VACUPLUS

LAMINATED BENDING • FLAT AND CURVED VENEERING



VACUPLUS – THE ECONOMICAL AND UNIVERSAL VACUUM PRESS FOR PRESSING, LAMINATING, COATING AND FORMING



VACUPLUS is an outstanding value for money vacuum press that provides you with endless possibilities producing laminated, veneered and coated furniture, interiors and unique shaped parts.

UNLIMITED POSSIBILITIES WITH VACUPLUS

LAMINATING AND FORMING (SANDWICH METHOD)

formed furniture components, elements for interior finish and fit out, shop fitting, interiors and fittings for ships, trains, buses and airplanes, specially shaped parts for industry and technical purposes

FORMING AND SHAPING OF THERMOPLASTIC MATERIALS:

synthetic solid surface materials (Corian, Varicor), plastics like: PMMA (acrylic, Plexiglas), PC (Makralon), ABS (Novadur), PVC surface materials, etc., for interior fit out, bathroom and designer furniture, insulation parts made of rigid foam for the railway, boat and ship building industry, shaped parts for technical applications

BENDING OF PLASTER-/DRYWALL BOARDS IS ALSO POSSIBLE!

VENEERING AND COATING OF SHAPED PARTS AND MATERIALS:

profiles for furniture making and high end interior fit out, door panels, wall and ceiling battens, work tops, coffin manufacturing, window sills, technical profiles, formed parts for technical purposes

VENEERING, OVERLAYING AND BONDING OF FLAT AND CURVED MATERIALS:

tops, boards, gates, doors, convex and concave furniture and interior components, various continuous interior fittings, overlaying with leather, textiles and paper, bonding of metal, glass, plastics, composite elements

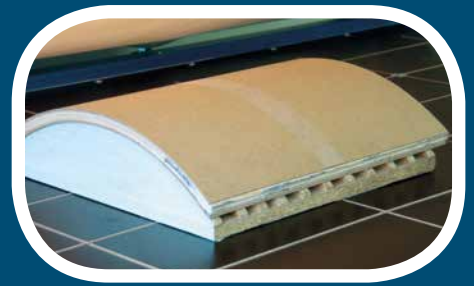
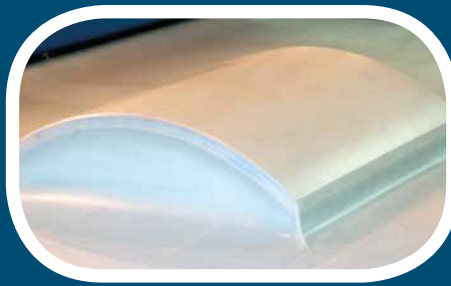
GLUING OF EDGE STRIPS AND PROFILES ONTO WORK PIECES:

decorative cladding and decorative battens for furniture or doors, edge bands, cover strips and protective profiles for front doors, furniture components and furnishings

IT'S THAT EASY ...

LAMINATING AND VENEERING OF SHAPED PARTS:

- set the desired temperature for the heating hood, open the membrane frame and place the work piece onto the machine table
- switch the vacuum pump on - the pressing process starts
- frame after end of pressing time and remove the ready work piece



VENEERING OF A HANDRAIL:

- place the veneer plus the protection cover onto the handrail
- the force of the vacuum is pressing the veneer exactly onto the handrail shape
- remove the ready veneered handrail from the vacuum press



COATING OF FLAT BOARD MATERIALS:

- apply the adhesive and place the coating material onto the board material
- the force of the vacuum is pressing the coating material evenly onto the board material
- remove the perfect coated board material from the vacuum press



... ADVANTAGES AT A GLANCE

TECHNOLOGY FOR PROFESSIONALS:

- easy operation guarantees perfect results
- instantly usable with no setting-up time
- production of shaped furniture components with only one mould
- applicable for large-scale forms

USER FRIENDLY OPERATION:

- ergonomically adjusted working height
- effortless working ensures a consistent high quality
- saves time and money

OPTIMAL PRESSING:

- evenly applied pressure on all sides of the work pieces
- pressure of 9 t/m² also on large scale work pieces
- veneering and coating with no set-up time and mould construction
- accurate forms perfectly pressed

APPROVED VACUUM TECHNOLOGY:

- fast pressure build up
- long-life reliable pump

ROBUST, HIGH ELASTIC RUBBER MEMBRANE:

- extreme elongation up to 700%
- detailed forming of big and even the smallest profiles
- long operating life

ON REQUEST - HEAT-RESISTANT SILICONE MEMBRANE (+220 °C):

- forming of thermoplastic materials directly from thermo-ovens (synthetic solid surface materials, plastics)
- special thermoforming applications

STURDY AND RIGID STEEL CONSTRUCTION:

- hard-wearing
- high quality finish
- for continuous and shift operation
- stationary on 4 solid legs

ON REQUEST - MOBILE ON WHEELS, EASY TO UPGRADE:

- movable in the workshop area for various pressing applications

...HEATING HOOD:

SHORTER PRESSING TIMES THROUGH QUICK HEATING OF THE MATERIAL:

- shorter pressing intervals
- less waiting time
- higher productivity

HEATING ELEMENTS FOR PERMANENT USE:

- with variable temperature control 0 - 80 °C

STURDY CONSTRUCTION:

- low weight for effortless operation of the heating hood

The technical data contained herein is subject to modifications.



www.columbus-tech.com • office@columbus-tech.com

COLUMBUS HANDELSGESELLSCHAFT M.B.H.

Thierseestraße 9, 83088 Kiefersfelden, Germany
Tel. +49 (0) 8033/97 97 05, Fax. +49 (0) 8033/97 97 58

PFOHL HANDELSGESELLSCHAFT M.B.H.

Wildschönauerstraße 31, 6300 Wörgl, Austria
Tel. +43 (0) 5332/72 468, Fax. +43 (0) 5332/72 907



COLUMBUS
PRESSTECHNOLOGY