



VACUFORM VERTICAL

FORM-LAMINATING • FORM-VENEERING • FORM-COATING AND BONDING



VACUFORM VERTICAL VERTICAL DRIVE – THE NEW DIMENSION IN VACUUM TECHNOLOGY! THE EFFICIENT AND PRECISE INDUSTRIAL VACUUM PRESS FOR ALL PRESSING TASKS!



VACUFORM VERTICAL is the fusion of our sophisticated vacuum technology with a vertical movement of 900 mm. This opens new dimensions in terms of functionality and applications – a pressing step forward! Precise pressing results with large, complicated shapes.

Reliable and efficient pressings in an oil free production process. VACUFORM VERTICAL is the answer for today's pressing tasks.

Press work with absolute precision to achieve the highest quality in the production flow.

EXACT LAMINATING OF ANY FORM OR SHAPE

The parallel guiding technology with the precise vertical movement of the membrane frame enables you to laminate exactly any form or shape – however unusual! Unbeatable pressing results with layer materials like MDF, bendy plywood, plywood, aircraft plywood, thick sawn veneer, etc.

Furniture fronts – Bars – Counters – Designer furniture – Yacht interiors

PERFECT VENEERING - FLAT OR CURVED

The easy operation of the pneumatic driven membrane frame enables a spot on placing of the veneer onto the work pieces – this

guarantees perfectly veneered products of any shape. Perfect products using any type of veneer and ideal for outstanding applications with 3D-veneers, fineline veneers, sawn veneers, etc.

Curved room dividers – Cross veneering – Column cladding – Hand rails – Shelving systems

FAULTLESS COATING AND BONDING

The combined use of the high performance vacuum pump with a pressure tank allows the air suction speed to adjust to any task. This ensures faultless coating and bonding. Unique material combinations with surprising designs for example: composite boards with a mixture of materials, lightweight components, coatings with fashionable, exclusive materials, upholstery work, etc.

Motorhome interiors – Lightweight furniture – Upholstered wall panels – Luminous walls – Trendy furniture

ACCURATE FITTING OF LIPPINGS AND PROFILES

The design with four lifting cylinders gives access to all sides of the pressing table. This results in accurate positioning and pressing of edge lippings and profiles. Spot on assembly of lippings and profiles made of deco-

orative laminates like: HPL, PVC, PET, ABS; massive timber, veneered board materials; metal profiles made of aluminium, brass, etc.

Exclusive doors – Ceiling elements – Protective edge profiles – Period furniture – Shop fittings

PRECISE FORMING OF HOT MATERIALS

Precise forming of preheated thermoforming materials – with the fast membrane changing system no problem! Together with our heating unit PROFITHERM for all plastics forming. A very productive combination! For precise work with solid surface materials and thermoforming materials like: CORIAN, LG HI-MACS, STARON, AVONITE, WILSONART; ABS, PMMA (Plexiglas), PET-G, PS, PP, PVC-U, PC, etc.

Modern bathroom interiors – Display stands – Solid surface furniture – Sinks – Decorations

IT'S THAT EASY...

LAMINATING-VENEERING-COATING-BONDING

- simply press a button to move the membrane frame upwards
- place the layers with applied adhesive onto the former
- simply press a button to place the membrane exactly over the layers on the former
- perfect placement of the layers and the former
- switch the vacuum unit on
- even vacuum pressure from all sides
- process the pressing and cooling time
- simply press a button to open the membrane frame
- remove the perfect laminated work piece

EDGE LIPPING

- simply press a button to move the membrane frame upwards
- place the lippings with applied glue together with the work piece onto the working table
- simply press a button to position the membrane accurately over the lippings
- perfect positioning of the lippings
- switch the vacuum unit on
- even vacuum pressure from all sides
- process the pressing and cooling time
- simply press a button to open the membrane frame
- remove the work piece with perfect glued lippings

HOT FORMING

- simply press a button to move the membrane frame with a mounted silicone membrane upwards
- place the hot material onto the former
- simply press a button to align the membrane precisely over the hot material on the former
- perfect alignment of the hot material
- switch the vacuum unit on
- even vacuum pressure from all sides
- process the pressing and cooling time
- simply press a button to open the membrane frame
- remove the perfect formed work piece



...ADVANTAGES AT A GLANCE

MULTIFUNCTIONAL INDUSTRIAL VACUUM PRESS

- Laminating
- Veneering
- Coating
- Bonding
- Edge Lipping
- Forming

INNOVATIVE MACHINE DESIGN

- Vertical drive with parallel guiding system
- Membrane change system
- Oil free vacuum pumps and drives

EXCEPTIONAL PRESSING POSSIBILITIES

- Opening height of 900 mm
- Pressing of tall work pieces
- No misplacement of the layers and the former
- No shape change of the former
- Precise alignment of the work pieces

COMPETENT TECHNOLOGY

- Membrane change in 10 min
- Tough, maintenance free industrial vacuum pumps
- Fast pressure build up with combination of tank/vacuum pump
- Pressure of 9.0 to/m² on all sides
- Operator friendly

WORKMANLIKE MACHINE BUILDING

- Sturdy and robust steel construction
- Industrial design
- Perfect for serial or shift production
- Quality components
- Long service life guarantees amortisation of the machine

UNBEATABLE PERFORMANCE

- High productivity
- Operational without setup time
- One pressing cycle for several working steps
- One machine for pressing of all materials
- Cost cutting and time saving

OUTSTANDING PRESSING RESULTS

- Exact laminating of large and tall work pieces
- Perfect veneering without female former
- Faultless coating and bonding – in one production step!
- Accurate and fast fitting of profiles
- Precise forming of hot plastics

The technical data contained herein is subject to modifications.



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