



# VACUFORM XL

LAMINATED BENDING • FLAT AND CURVED VENEERING



# VACUFORM XL – THE IDEAL MEMBRANE PRESS FOR MOULD-PRESSING, MOULD-GLUING, AND MOULD-LAMINATING



VACUFORM XL is the first membrane press that provides you with excellent ways of creating exclusive furniture that involves processes of form-gluing or form-veneering!

## **NEARLY UNLIMITED POSSIBILITIES**

### **MOULD-GLUING USING THE SANDWICH-METHOD (LAYERED GLUING):**

Furniture parts, interior construction, boat parts, rail- and bus construction, airplane construction, industrial custom parts

### **2D AND 3D FORMING OF THERMOPLASTIC MATERIALS:**

Aggregates (Corean, Meran), forming of acryl, ABS, etc. for interior construction, bathrooms, custom-made furniture, designer furniture, polyurethane foam forming for insulation parts (rail-, boat-, and ship construction), industrial custom parts

### **2D MOULD-VENEERING AND -COATING:**

Profiles for manufacturing furniture and high-end interior construction, workspace surfaces, coffin manufacturing, wall- and ceiling profiles, technical profiles and moulding parts

### **(POLISH COATING) VENEERING AND COATING OF EVEN AND ARCHED SURFACES:**

Boards, gates, professional boards, various even and arched furniture parts as well as parts for interior construction

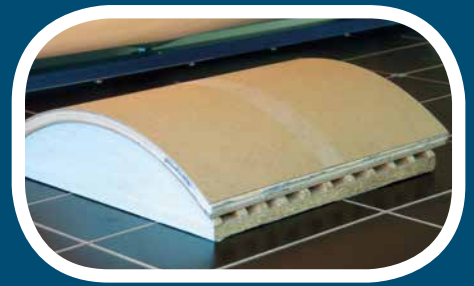
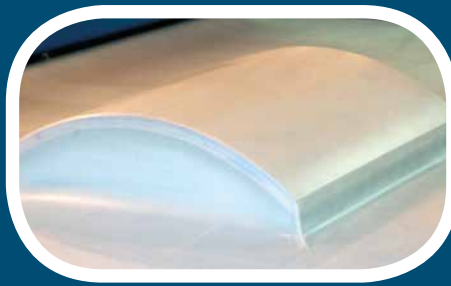
### **GLUING OF BEVELS OR PROFILES ONTO WORK PIECES:**

Ornamented frames and ornamental elements of furniture parts and interior doors; Gluing of bevels and protecting profiles of doors, or furniture elements

# 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

## PRACTICE-ORIENTED TECHNOLOGY:

- easy operationality guarantees error-free results
- instantly usable without setting-up time
- production of moulded furniture parts without templates or stencils
- variable vacuum-pressure adjustment for large parts

## ROBUST AND EXTREMELY STRETCHY RUBBER-MEMBRANE:

- allows for particularly exact moulding of even the smallest profiles
- long operating life

## ON REQUEST, THE UNIT CAN BE COATED WITH A HEAT-RESISTANT SILICONE-MEMBRANE (UP TO 220 °C):

- ideal for extreme uses such as aggregate-forming or additional heating

## PUMP-TANK VACUUM-TECHNOLOGY

- extremely quick pressure build-up
- "autocontrol" differential pressure circuit turns pump on when needed

## CONSISTENT FULL-SURFACE AND ALL-AROUND PRESSING OF WORK PIECES:

- optimal pressing of large work pieces that require pressure of 9 to/m<sup>2</sup>
- mould-veneering and mould-coating without setting-up time, stencils, or templates
- exact forming and perfect pressing

## EXTREMELY MOBILE, ADJUSTABLE WITH HINGES AND WHEELS:

- exact forming and perfect pressing

## EXTREMELY MOBILE, ADJUSTABLE WITH HINGES AND WHEELS, USES UP VERY LITTLE SPACE IN THE WORKSHOP:

- saves 2 m<sup>2</sup> of work space when in upright position
- in upright position, only 850 mm wide = high mobility of the unit
- when covered, the unit's highly durable surface can be used as additional workspace

## ADVANTAGES OF THE ADDITIONAL HEATING-SYSTEM

### SHORT PRESSING CYCLES THROUGH QUICK AND CONSISTENT HEATING OF THE WORK PIECE:

- short cycles - little waiting time - high productivity

### PERMANENT AIR-CIRCULATION HEATING SYSTEM WITH THERMOSTAT:

- consistent and adjustable temperature, regardless of the type of work piece inserted
- consistent heating of work pieces vertical sides and indentations

### SIMPLE TO ASSEMBLE - SIMPLE TO USE:

- Pivoting of the pressing surface with the heating cushion is no problem

### ALUMINUM FRAME WITH CONTINUOUS HEAT INSULATION:

- minimal heat loss to the exterior low connection value:
- low energy usage - low additional costs

The technical data contained herein is subject to modifications.



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