



PERFORMER

A CLASS OF ITS OWN.

3D THERMOFORMING OF ALL PLASTICS • 3D FOIL LAMINATING OF STANDARD AND HIGH GLOSS FOILS • HEATING AND FORMING OF SOLID SURFACE MATERIALS AND PLASTICS • PRECISE VACUUM PRESSING



PERFORMER SOLVES ALL FORMING AND PRESSING TASKS



Performer is the outstanding result of our continuous machine development. It is an ingenious thermoforming machine including all the functions of a thermopress-centre.

With the adjustable deep drawing frame and the powerful CHS-heating hood your 3D forming and pressing dreams come through! From producing prototypes up to high end products in a batch production - everything is possible!

The Performer comes with a Simatic Touch Panel which bundles all operating processes in one unit. The screen is neatly arranged and self-explaining.

Our established and well-engineered CHS-heating system is installed in the heating hood and the heating drawer. This generates an exceptional heating power combined with the assurance of a perfect heating process. The vertical moving, oil-free and reliable pneumatic cylinders are lifting the pressing results to a new level.

THIS MACHINE WITH ALL ITS APPLICATIONS WILL INSPIRE YOU.

THE SUPERIOR 3D THERMOFORMING MACHINE

- No "freezing" of the material during the pressing process with the continuous controlled hot air stream whilst forming
- Complicated shapes and problematic plastics are now possible, the forming window can be precisely adjusted according to the material

THE VERSATILE 3D FOIL LAMINATING MACHINE

- Standard or high gloss foils/films laminated to the highest standards; either with flat or high parts
- There are no limits in foil laminating with the fully automated foil laminating process and the CHS-heating hood

THE POWERFUL HEATING AND FORMING UNIT

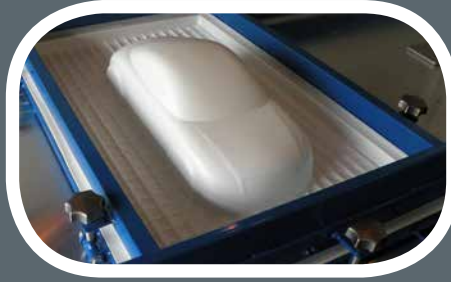
- Heating with the powerful CHS-heating drawer and then forming with the vertical vacuum press. The CHS-heating hood is used for additional heat supporting the forming process.
- Perfect to master the most demanding forming jobs

THE PRECISE VACUUM PRESS

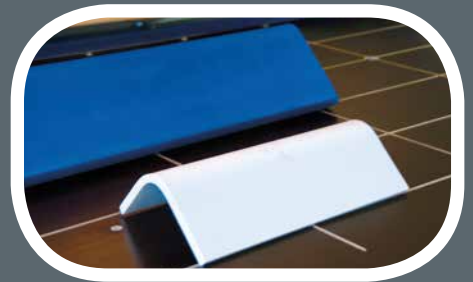
- With the precise, vertical movement of the pressing frame and the fast membrane change system you have all advantages on your side
- Either pressing with our heat resistant silicone membrane or using our very robust rubber membrane

PERFORMER IN ACTION

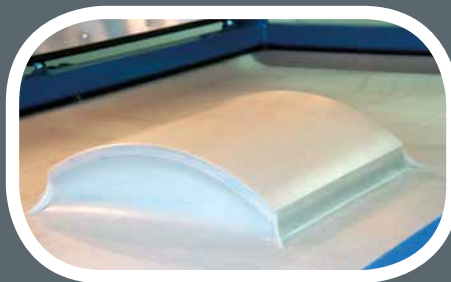
THERMOFORMING OF PLASTICS



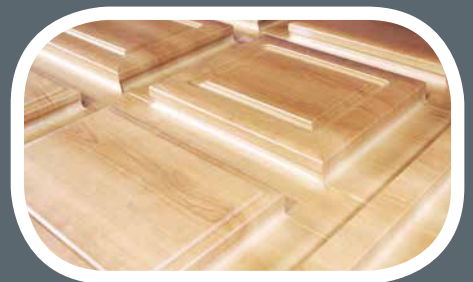
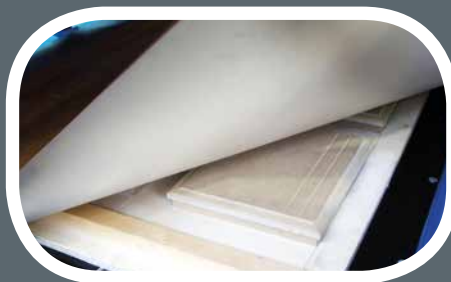
HEATING AND FORMING OF THERMOFORMING MATERIALS



LAMINATING AND VENEERING OF SHAPED PARTS



3D FOIL LAMINATING



... ADVANTAGES AT A GLANCE

THE THERMOFORMER THE THERMOPRESS-CENTRE

THERMOFORMING:

Effortless making off a prototype, a quality single item or a volume production and all with a very little set up time!

- Stroke of 600 mm
- Deep drawing frame easy adjustable to various sizes
- Standard sizes 900 x 600 mm, 900 x 1250 mm and a maximum of 900 x 2750 mm (customized sizes are possible)
- Simple locking of the subframe to the deep drawing frame with star knobs
- Subframe with allocation pins for an accurate placing
- Heated deep drawing frame and subframe – no material tensions on the clamping side
- Former can be pre-heated as well
- Material thickness up to 6mm – thicker materials are possible in combination with the heating drawer
- Aluminium working surface (optional) with a simple closing system for the air outlets

- The thermoforming unit can be used for foil laminating and vacuum pressing, too
- Ionisation unit with a blower gun for electrostatic discharging

All thermoforming plastics such as: ABS, PMMA (Plexiglas, Perspex, Lucite), PET-G (Vivak), PS, PVC-U, EPVC, PC (Makrolon), PPE, TPO, etc.

FOIL LAMINATING:

Arrange the machine according to your foil laminating task.

- flat laminating with the whole working surface for a volume production
- high parts with the deep drawing frame or the whole working surface
- single items, flat or high with the deep drawing frame

Interior and exterior foils from all renowned manufacturers such as: RENOLIT, HORNSCHUCH, RIKEN and special foils from BOLTARON and KYDEX, etc.

HEATING AND FORMING:

For limitless bending, shaping and forming

of solid surface materials, plastics and compact laminates.

Solid surface materials such as: KERROCK; STARON; AVONITE; CORIAN; HIMACS; HANEX; MISTRAL; KRION; WILSONART; GETACORE; RAUVISIO; VARICOR; etc. Plastics such as: ABS, PMMA, PET-G, PS, PVC-U, PP, etc. And thermoforming compact laminates such as: CROWN-LAMINATES, etc.

VACUUM PRESSING:

Laminated bending, flat pressing, veneering, bonding and coating in perfect quality!

- Exact pressing of any form or shape
- Pressing of tall work pieces
- No misplacement of the layers and the former
- Manipulation of the work pieces from all four sides

All commercially available veneers and decorative laminates such as: HPL, PVC, PET, ABS, etc. Special coatings such as: glass, leather, textiles, metal foils, carbon fibres, etc.



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



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