



COMBITHERM

THE POWERFUL MACHINE FOR
FORMING PLASTICS



FORMING SOLID SURFACE
MATERIALS & PLASTICS



VENEERING / OVERLAYING / COATING



LAMINATED BENDING / SHAPE
BONDING / FLAT GLUING

THAT MAKES COMBITHERM UNBEATABLE AND PROVIDES SAFETY DURING USE:

✔ Robust machine construction (100 % torsionally rigid)

The robust, welded machine construction makes Combitherm 100 % torsionally rigid. This guarantees a long service life and provides safety during use.

✔ Sophisticated thermoforming with low space requirement

The compact, optimally accessible and mobile machine with maximum production dimensions fits perfectly into every production plant and guarantees the highest quality results in the most demanding thermoforming jobs. This significantly increases your sales.

✔ Unique and universal membrane change system

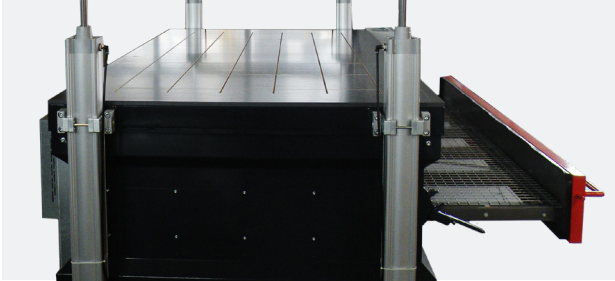
The unique Columbus membrane fast-change system is designed for all membrane thicknesses (0.1-6 mm). No preassembled frame is necessary, which saves working time and increases profit. Simply change the membrane and you're done.

✔ Machine body in oven steel quality (100 % torsionally rigid)

The full-sided and double-wall welded machine body in oven steel quality equalizes any material tension during heating, without losing its stability. Long life service is guaranteed.

✔ **Extremely rigid heavy load heating drawer (100 % torsionally rigid)**

The extremely stable and 100% torsionally rigid heavy load heating drawer has a 2500 x 1200 mm contact surface with a possible loading weight of up to 200 kg in continuous operation without material fatigue and thus ensures production reliability.



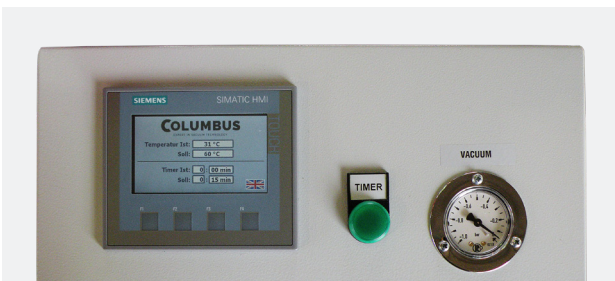
✔ **High-quality CHS heating system masters every heating task**

The precise, sophisticated CHS heating system with powerful 16 kilowatts heating power provides uniform heating and masters every heating task. There are no limits to creativity and temperature variability.



✔ **Intuitive control unit ensures relaxed working**

With the intuitive and easy-to-use SIEMENS Touch Panel, both temperature and heating time can be set quickly and conveniently with just one touch of a finger, which speeds up production processes and ensures relaxed working.



✔ **Easy and fast membrane re-tensioning**

Membranes can be tightened and re-tensioned at any time without any effort, for a long membrane life and individual membrane adaptation to various pressing conditions.

✔ **Connection for external vacuum bag**

For the production of special shapes, the machine offers a connection for an external vacuum bag. Expand your own offer and serve a larger audience.

✔ **Smart additional packages**

Intelligent, expandable add-on packages, in addition to the voluminous standard equipment, make the impossible possible and expand your manufacturing options.

COMBITHERM WITH VERTICAL OPENING MECHANISM

✔ **Precision pressing at the highest level**

The unique, pneumatic, vertical travel motion guarantees precision pressing at the highest level. It is maintenance-free and enables the production of very high workpieces.



✔ **Industrial, reinforced pressing frame as preforming punch**

The industrial reinforced pressing frame, coupled with the vertical travel motion, can be used as a preforming punch for exceptional pressing applications without sagging.

✔ **Two-hand operation ensures safety**

The easy-to-use two-hand operation of the pneumatic opening mechanism ensures production reliability at all times and minimizes the risk of accidents.