

LEADING EDGE TECHNOLOGY
FOR VACUUM FORMING



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Heat and vacuum press technology
for professionals and industry

THERMOFORMING

Innovative solutions for preheating and vacuum forming of Solid Surfaces, thermoplastics, composites and rigid thermofolios



WOODWORKING

Easy bending, veneering and laminating of flat and curved components

1 Vacuum membrane presses



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Vacuum membrane presses that meet individual customer's needs

Global offers a wide range of vacuum presses in different dimensions and with optional features. The versatile Global presses are ideal for vacuum pressing of curved laminated shapes, flat pressing, laminating of HPL decors and veneers, and gluing of solid wood, among others. The product family is divided into Benchtop, Standard, Professional, Industrial and Vertical models. The most suitable system can be selected according to the application, use and industry. Please see our product catalog for more.

Vacuum membrane presses	Model	Tech Specs	Optional features	Total press area
	Global Benchtop Press	8 m ³ /h vacuum pump Natural rubber membrane, 2 mm 13 mm wear-resistant HPL worktop	16 m ³ /h vacuum pump Vacuum pressure switch	1020 x 620 mm
	Global Standard Press	25 m ³ /h vacuum pump Natural rubber or silicone membrane, 2 mm 13 mm heat and wear-resistant HPL worktop	Vacuum pressure switch Swivel wheels 300 litre vacuum tank	1310 2560 3160 x 1310 mm 3760
	Global Professional Press	40 m ³ /h vacuum pump Vacuum pressure switch Natural rubber or silicone membrane, 2 mm 18 mm heat and wear-resistant HPL worktop	High-volume membrane 500 litre vacuum tank Quick lock top frame Foldable press	2540 3140 x 1290 mm 3740
	Global Industrial Press	140 m ³ /h vacuum pump Vacuum pressure switch Natural rubber or silicone membrane, 2 mm 18 mm heat and wear-resistant HPL worktop	High-volume membrane Quick lock top frame PLC controlled and touchscreen operation	2540 3140 x 1290 mm 3740
	Global Vertical Press	140 m ³ /h vacuum pump Manual operation and automatic mode (PLC) Temperature sensor Hydraulic lifting-lowering Natural rubber or silicone membrane, 2 mm 18 mm heat and wear-resistant HPL worktop	High-volume membrane Convection heating hood, vertical movement	2540 3140 x 1290 mm 3740

2 Thermoforming ovens



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Global preheating ovens with heating platen and forced air convection technology

Global offers thermoforming ovens for materials including Solid Surfaces, composites, thermoplastics and wood. The most suitable system can be selected according to the application and material properties. Global offers industrial hot air, electrical aluminium platen and special liquid heating platen ovens. Please check out our preheating oven product family below for further information, and our sales team will be happy to provide individual advice.

Thermoforming ovens	Model	Tech Specs	Optional features	Total heating surface
	Global Benchtop Oven	Electrical aluminum platen, one- or doubled-sided Max. operating temperature 180 °C	Operating temperature up to 220 °C	1390 x 800 mm 1450 x 850 mm
	Global Crossflow Oven	Global's patented Crossflow Convection Heating Elements Max. operating temperature 190 °C Ready to operate in under 15 minutes (160 °C)		2400 3000 x 1000 mm 3600 x 1400 mm
	Global Professional Oven	Electrical heating platen, one-sided Max. operating temperature 180 °C Digital temperature control Timer function	2 Heating zones	2500 3100 x 950 mm 3700 x 1380 mm
	Global Industrial Oven	Electric heating platen, double-sided Max. operating temperature 180 °C Pneumatic opening-closing system, vertical Digital temperature control Timer function	2 Heating zones Operating temperature up to 220 °C	2600 3200 x 1050 mm 3800 x 1480 mm
	Global Sublimation Oven / Press	Electrical heating platen, one-sided Silicone membrane frame Vacuum pump 25 or 60 m ³ /h Max. operating temperature 200 °C Timer function	300 litres vacuum tank Heating hood for 3D sublimation	1300 2500 x 1000 mm 3100 x 1300 mm 3700

3 Thermoforming stations



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Global thermoformings stations for Solid Surface, thermoplastics and rigid 3D-PVC foils

Global offers thermoforming stations for Solid Surface, composite, PVC thermofoil (rigid foil) and thermoplastic materials. The thermoforming stations are divided in multifunctional Global Duo stations with versatile customization options and application-specific vacuum forming presses for thermoforming plastic sheets and 3D lamination of rigid PVC thermofoils. Please check out the products below for further information, and our sales team will be happy to provide individual advice.

Thermoforming stations	Model	Tech Specs	Optional features	Total working area
	Global Plastic Press	Manual operation and semi-automatic mode Storable user settings Infrared quartz emitters Individual heating zones, max. temperature 160 °C 25 / 40 m ³ /h vacuum pump	Infrared pyrometer for automatic production mode and monitoring	600 x 600 mm 1200 x 1200 mm
	Global Thermofoil Press	Manual operation and semi-automatic mode Storable user settings Infrared quartz emitters Individual heating zones, max. temperature 140 °C 40 m ³ /h vacuum pump	Additional top frame with silicone membrane	2520 x 1320 mm 3120
	Global Duo Crossflow	40 m ³ /h vacuum pump Heat and wear resistant 18 mm HPL worktop 2 mm silicone membrane Global Crossflow convection heating oven, max. 190 °C	High-volume membrane Quick lock top frame Standard heating hood Extra wide oven 135 cm	Press 2560 3160 x 1310 mm 3760 Oven 2400 3000 x 1000 mm 3600
	Global Duo Professional	40 m ³ /h vacuum pump Heat and wear resistant 18 mm HPL worktop Silicone membrane, 2 mm Heating platen oven, one-sided, max. 180 °C Roller-mounted tray	Professional heating hood (3D-PVC) Automatic opening - closing oven Sublimation oven Additional 40 m ³ /h vacuum pump	Press 2540 3140 x 1290 mm 3740 Oven 2400 1000 mm 3000 x 3600 1400 mm
	Global Duo Vertical	140 m ³ /h vacuum pump Manual operation and automatic mode (PLC) Top frame with vertical lifting-lowering system Durable 18 mm HPL worktop with PT100 sensor Heating platen oven, one-sided, max. 180 °C Roller-mounted tray	High-volume membrane Vertical heating hood (3D-PVC and plastic frame) Automatic opening - closing oven Sublimation oven	Press 2540 3140 x 1290 mm 3740 Oven 2500 3100 x 950 mm 3700

4 Heated vacuum membrane presses

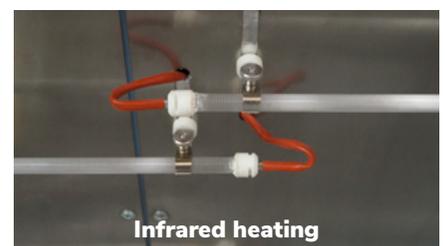
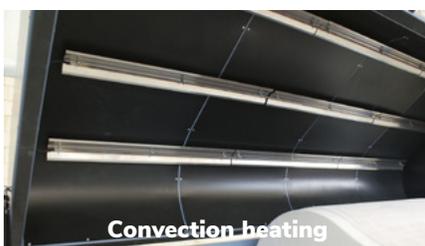


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Global Sprinter Presses: Vacuum membrane presses with heating hood

Heated vacuum membrane presses offer a broad range of hot press applications in the traditional furniture and woodworking industry, and they are increasingly being used in the aviation, automotive, composites, rigid foil lamination, plastic processing and sublimation industries. The product family is divided into Standard, Professional, Industrial and Turntable. The most suitable system can be selected according to the application, heating technology, use and industry.

Heated vacuum presses	Model	Tech Specs	Optional features	Total press area
	Sprinter Standard	25 m ³ /h vacuum pump Natural rubber membrane, 2 mm 13 mm heat and wear-resistant HPL worktop 3 durable heating elements Max. temperature 80 °C	300 litre vacuum tank Silicone membrane High-volume membrane	2560 3160 x 1310 mm 3760
	Sprinter Professional Rigid foil lamination	100 m ³ /h vacuum pump Silicone membrane, 2 mm 18 mm heat and wear-resistant HPL worktop Manual operation and automatic mode (PLC) Forced-air convection heating, max. 140 °C	PVC Top frame High-volume membrane Quick lock top frame Infrared heating emitters	2540 3140 x 1290 mm 3740
	Sprinter Industrial	2 vacuum press tables 100 m ³ /h vacuum pump Silicone membrane, 2 mm 18 mm heat and wear-resistant HPL worktop Forced-air convection heating hood, manual movement Max. temperature 140 °C	High-volume membrane Infrared heating emitters Automatic mode (PLC control)	2x 2540 2x 3140 x 1290 mm 2x 3740
	Sprinter Turntable	2 vacuum press tables, rotatable by motor drive 40 m ³ /h vacuum pump Natural rubber membrane, 2 mm 13 mm heat and wear-resistant HPL worktop 6 durable heating elements Max. temperature 100 °C	High-volume membrane Automatic mode (PLC control)	2x 2560 2x 3160 x 1310 mm 2x 3760



5 Vacuum pumps and bag press systems



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Vacuum pumps and bag press systems for veneering, laminating, bending and more

Global offers vacuum press bags for veneering, laminating, bending and stairway stringer applications. We also offer high-quality vacuum pump systems, fitted on a handy carrying frame or industrial cart and with pre-mounted air filter, vacuum gauge and quick connectors. The reliable and dry running, rotary vane vacuum pump systems are offered as stand-alone systems and are available with additional fittings.

Vacuum pumps & bags	Model	Tech Specs	Optional features	Total press area
	Global Standard Bags	1 PVC vacuum bag PVC thickness 0.5 mm 2 C-channel closures 1 air suction point	Vacuum pump 8 m ³ /h including vacuum gauge	1300 1900 x 1300 mm 2500
	Global Industrial Bags	1 PU vacuum bag PU thickness 0.5 mm 3 C-channel closures 2 air suction points	Vacuum pump 16 m ³ /h including vacuum pressure switch and vacuum gauge	2500 3100 x 1600 mm 3700
	Vacuum pump 8 m³/h	Dry running vacuum pump Continuous running Including air filter and vacuum gauge Quick coupler 0.5"	-	
	Vacuum pump 16 m³/h	Dry running vacuum pump Continuous running and automatic power ON / OFF Including air filter, vacuum switch and vacuum gauge Quick coupler 0.5"	100 litre vacuum tank	-
	Vacuum pump 16 m³/h + Vacuum tank 100 litres	Dry running vacuum pump 100 litre vacuum tank Continuous running and automatic power ON / OFF Including air filter, vacuum switch and vacuum gauge 2 Quick coupler 0.5"	-	-
	Vacuum bag press Standard	1 PVC vacuum bag 0.5 mm 8 m ³ /h vacuum pump 1 vacuum hose		1300 1900 x 1300 mm 2500
	Vacuum bag press Industrial	1 PU vacuum bag 0.5 mm 16 m ³ /h vacuum pump 1 vacuum hose	100 litre vacuum tank	2500 3100 x 1600 mm 3700