



GLOBAL
VACUUM PRESSES

*Leading edge technology
for vacuum forming*

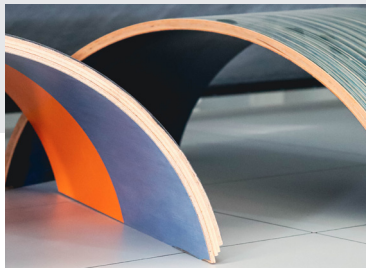
THERMOFORMING

Innovative solutions for preheating and vacuum pressing of
Solid surfaces, thermoplastics, composites and 3D PVC laminates



WOODWORKING

Veneer, laminate and bend all types of wood



**Vacuum presses and heating technology
for Professionals and Industry**




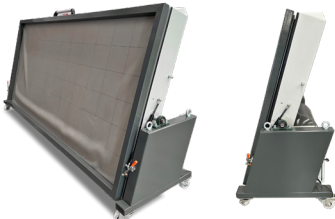
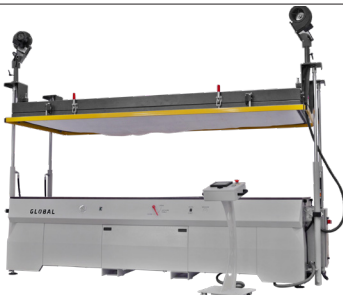
1 Vacuum membrane presses



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Vacuum membrane presses that meet individual customer's needs

Global offers a wide range of vacuum presses in different sizes and with optional features. The Global vacuum presses are very versatile and ideal for thermoforming of solid surfaces, thermoplastics, composites, as well as for veneering and flat laminating applications and bent parts of all types of wood. The product family is classified according to the models *Compact*, *Standard*, *Professional*, *Industrial*. Depending on the application, use and sector, you will select the ideal system for your needs.

Model VP	Model	Tech Specs	Optional features	Total press area
	Compact Press Benchtop press	8 m ³ /h dry vacuum pump 2 mm Natural rubber membrane HPL compact board 13 mm	16 m ³ /h dry vacuum pump Vacuum pressure switch	1020 x 620 mm
	Standard Press	25 m ³ /h dry vacuum pump Natural rubber membrane or 2 mm silicone membrane HPL compact board 13 mm	Vacuum pressure switch Height membrane Vacuum tank	1310 x 1420 mm 2560 x 1420 mm 3160 x 1420 mm 3760 x 1420 mm
	Professional Press	40 m ³ /h dry vacuum pump Vacuum pressure switch Natural rubber membrane or 2 mm silicone membrane HPL compact board 18 mm	Height membrane Vacuum tank Suction cups for membrane frame	2540 x 1420 mm 3140 x 1420 mm 3740 x 1420 mm
	Folding Press	40 m ³ /h dry vacuum pump Vacuum pressure switch Natural rubber membrane or 2 mm silicone membrane HPL compact board 18 mm	Height membrane Vacuum tank Extra top frame	2540 x 1420 mm 3140 x 1420 mm 3740 x 1420 mm
	Industrial Press	100 m ³ /h dry vacuum pump Manual operation and automatic mode (PLC) Temperature sensor Hydraulic opening system Natural rubber membrane or 2 mm silicone membrane HPL compact board 18 mm	Height membrane Convection heating hood, vertical movement	2540 x 1420 mm 3140 x 1420 mm 3740 x 1420 mm

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2 Thermoforming ovens



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Global preheating ovens with heating platen and forced air convection technology

Global preheating ovens are available with top and bottom electric plates, and in different sizes. Some models offer manual or pneumatic opening and a foot pedal for hands-free operation. They are ideal for preheating solid surfaces (acrylic stones), thermoplastics and composite materials. Global ovens are classified according to *Bars, Compact, Standard, Professional, Industrial and Sublimation* models.

Model TO	Model	Tech Specs	Optional features	Total heating surface
	Bars Oven	Aluminium electric heating plate Control thermostat Adjustable temperature between 0 - 200 °C Portable	-	600 mm 2600 mm 1100 mm 3100 mm 1600 mm 3600 mm 2100 mm 4100 mm
	Compact Oven	Electrical aluminum platen, one- or doubled-sided Max. operating temperature 180 °C Digital timer with light alarm	-	1390 x 800 mm 1450 x 850 mm
	Professional Oven	Electrical heating platen, one-sided Max. operating temperature 180 °C Digital timer with light alarm	2 Heating zones	2500 950 mm 3100 x 1380 mm 3700
	Industrial Oven	Electric heating platen, double-sided Max. operating temperature 180 °C Pneumatic opening-closing system, vertical Digital timer with light alarm	2 Heating zones Operating temperature up to 220 °C	2600 1050 mm 3200 x 1480 mm 3800
	Sublimation Oven	Electrical heating platen, one-sided Silicone membrane frame 40 m³/h vacuum pump, lubricated Max. operating temperature 200 °C	Vacuum tank	1300 2500 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.

Model TS	Model	Tech Specs	Optional features	Total press area
	Plastics Without membrane	Automatic cycles controlled by a PLC Heating by infrared quartz emitters 9 heating zones 100 m³/h vacuum pump, lubricated	Infrared pyrometer for process monitoring	600 x 600 mm 1200 x 1200 mm
	Crossflow 2 mm Silicone membrane	40 m³/h dry vacuum pump HPL compact board 18 mm Convection oven with "Global Cross-flow" technology	Suction cups for membrane frame Additional pump 40m³/h Drying module Sprinter Standard	Prensa 2560 3160 x 1420 mm 3760 Horno 2400 3000 x 1000 mm 3600
	Professional 2 mm Silicone membrane	40 m³/h dry vacuum pump HPL compact board 18 mm Electrical heating platen, one-sided	Suction cups for membrane frame Additional pump 40m³/h Drying module Sprinter Standard 2 Heating zones	Prensa 2540 3140 x 1420 mm 3740 Horno 2400 3000 x 1000 mm 3600
	Industrial 2 mm Silicone membrane	100 m³/h dry vacuum pump HPL compact board 18 mm Manual operation and automatic mode (PLC) Hydraulic opening system Electrical heating platen, one-sided	2 Heating zones Additional pump 40m³/h Drying module Sprinter Professional	Prensa 2540 3140 x 1420 mm 3740 Horno 2500 3100 x 1000 mm 3700
	Thermofoil Vacuum presses 3D PVC	Manual operation and automatic mode (PLC) 100 m³/h vacuum pump, lubricated HPL compact board 18 mm Heating by infrared quartz emitters max. 140° C	Top membrane frame 3 Individual heating zones	2520 x 1420 mm 3120

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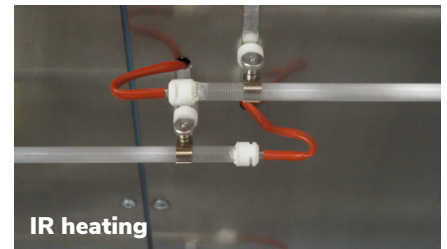
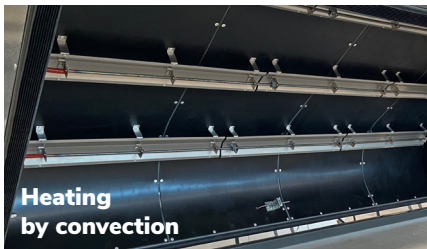
4 Heated vacuum membrane presses







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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.







Model SP	Model	Tech Specs	Optional features	Total press area
	Sprinter Standard	25 m ³ /h dry vacuum pump Drying module up to 80°C, manual opening 2 mm Natural rubber membrane HPL compact board 13mm	300 L vacuum tank Silicone membrane Height membrane	2560 3160 x 1420 mm 3760
	Sprinter Professional PVC laminate (Poly laminated)	100m ³ /h dry vacuum pump Drying module up to 140° C, hydraulic opening system Manual operation and automatic mode (PLC) 2 mm Silicone membrane HPL compact board 18 mm	PVC top frame Height membrane Suction cups for membrane frame Infrared heating emitters	2540 3140 x 1420 mm 3740
	Sprinter Industrial	100m ³ /h dry vacuum pump Drying module up to 140° C Manual operation and automatic mode (PLC) 2 mm Silicone membrane HPL compact board 18 mm	Height membrane Infrared heating emitters Integrated heating oven PVC top frame	2540 3140 x 1410 mm 3740
	Sprinter Turntable	40 m ³ /h vacuum pump Manual push-button controller Infrared heating elements, max. 140 °C 2 mm Natural rubber membrane HPL compact board 18 mm	Height membrane Silicone membrane Heating temperature up to 200 °C	2540 3140 x 1420 mm 3740

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

Global's vacuum pump and bag has been the most cost-effective tool for veneering, laminating and bending wood panels. But also in tall and sometimes complex molds, the VP works efficiently and economically. Rotary vane vacuum pumps are reliable and run dry. The vacuum pump systems are offered as stand-alone systems and are available with additional accessories.

	Model	Tech Specs	Optional features	Total press area
	Vacuum bag	1x PU vacuum bag	Vacuum pump 8 m ³ /h Vacuum pump 16 m ³ /h	1300
		Thickness PU 0.5 mm		1900
		3 C-channel closures		2500 x 1600 mm
		Vacuum bag with 2 suction points		3100
				3700
	Vacuum pump 8 m³/h	Dry running vacuum pump Continuous mode Including air filter and vacuum gauge 1x 0.5" quick connection	-	-
	Vacuum pump 16 m³/h 25 m³/h 40 m³/h	Dry running vacuum pump Automatic and continuous mode Including air filter, vacuum switch and vacuum gauge 1x 0.5" quick connection	100 L vacuum tank	-
	Vacuum pump 16 m³/h with tank	Dry running vacuum pump 100 L vacuum tank Automatic and continuous mode Including air filter, vacuum switch and vacuum gauge 2x 0.5" quick connectors	-	-