



## Global Duo Standard

### Convection heating oven & vacuum membrane press

The Global Duo Standard is an innovative “One-Machine” solution for preheating and thermoforming Solid Surface materials (Corian®, HI-MACS®, Krypton®, PLEXIGLAS® Mineral, etc.), thermoplastics (ABS, acrylic glass, PET, etc.) and similar composite materials, as well as for woodwork applications like veneering, laminating and bending different kinds of wood.

The heating technology consists of two convection heating elements, which are mounted at the sides and integrated cross-flow fans ensure a uniform heat distribution. The material to be preheated is placed onto a manually operated, roller-mounted tray. The cross-flow fan technology guarantees a tension free and reliable heating procedure and is also suitable for tempering and similar thermo treatments.

The vacuum press, which is available in two different variants, is mounted on top of the heating oven in a space-saving design. Typical press applications like thermoforming, profile wrapping, edge bending, wood panel veneering and laminating, as well as bending plywood, is not a problem.

Global Duo is perfectly suited for individual up to large production, and does so with only little investment. Accurate preheating and vacuum forming can now be carried out within minimal floor space. A combined machine, vacuum membrane press and preheating oven in one chassis that greatly increases the performance and efficiency of workflow.



### Product information

- ▶ Convection heating oven and vacuum membrane press in one machine
- ▶ Suitable for preheating Solid Surface materials, thermoplastics and similar composite materials
- ▶ Max. vacuum pressure 8.5 t/m<sup>2</sup>
- ▶ HPL compact press board with 10 or 18 mm
- ▶ Silicone membrane heat resistant up to 230 °C
- ▶ Cross-flow fan technology for uniform heat distribution
- ▶ Short heating up time
- ▶ Preheating time approx. 2 min./mm material thickness
- ▶ Electrical connection 380 V / 50 Hz / 3~
- ▶ Usable for woodworking and thermoforming
- ▶ Rotary vane vacuum pumps, maintenance and oil free
- ▶ Automatic or Continuous operating mode of the vacuum pump, depending the vacuum press model
- ▶ Flat silicone membrane with 2 mm thickness, translucent
- ▶ Convection heating from the sides
- ▶ Working temperature from 0 - 180 °C
- ▶ Adjustable digital temperature unit
- ▶ Digital preheating timer with light indicator

Code	Total press area <sup>1</sup>	Press board	Vacuum pump / Mode	Effective heating area	Power requirements
GD-SS-2513	2560 x 1310 mm	10 mm	16 m <sup>3</sup> /h / Continuous	2400 x 1000 mm	16.5 kW
GD-SS-3113	3160 x 1310 mm	10 mm	25 m <sup>3</sup> /h / Continuous	3000 x 1000 mm	17.0 kW
GD-SS-3713	3760 x 1310 mm	10 mm	25 m <sup>3</sup> /h / Continuous	3600 x 1000 mm	17.0 kW
GD-PS-2513	2540 x 1290 mm	18 mm	40 m <sup>3</sup> /h / Automatic	2400 x 1000 mm	17.5 kW
GD-PS-3113	3140 x 1290 mm	18 mm	40 m <sup>3</sup> /h / Automatic	3000 x 1000 mm	17.5 kW
GD-PS-3713	3740 x 1290 mm	18 mm	40 m <sup>3</sup> /h / Automatic	3600 x 1000 mm	17.5 kW

<sup>1</sup> Inside dimensions of the membran frame

### Conditions (Technical characteristics reserved to change without notice. Actual product may differ from image.)

Delivery time:	6-8 Weeks
Shipping:	Ex Works 46113 Moncada, Spain
Warranty:	2 Years under normal use except on membrane and HPL pressboard

### Nabuurs Developing S.L.

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