



GLOBAL
VACUUM PRESSES
shaping the world

GLOBAL **SUBLIMATION**

*Colouring the world with Global sublimation technology
Ideal solution for large format sublimation on hard substrates*



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Global sublimation technology for the Sign-, Interior, Exterior and Engraving Industry

Although people often think of fabrics or mugs when talking about sublimation, the Global sublimation press offers a much broader range of application. Global provides **3D and large format sublimation on** a variety of hard substrates, including **aluminium, acrylic stone, glass, metal sheeting, PMMA, textiles, Trespa®, wood and more** (some materials need a sublimation coating pre-treatment).

An absolute highlight of the machine is the 3D sublimation. Thanks to the unique vacuum heat technology and elastic silicone membrane that precisely adapt to 3D shaped objects including the edges, it is now possible to sublimate in 3D up to a certain height.

The sublimation press consists of contact heating platen combined with vacuum pressure technology and guarantees a gentle and homogeneous heat distribution throughout the entire thickness and surface of the material with **excellent sublimation print transfer results**. Global heating platens are an energy efficient technology. Once the electrical platen heat up, only 30-40% of the total energy consumption is needed to maintain the temperature. An optional feature of 2 individual heating zones offers additional energy-savings.



Global Sublimation	G-SUB-1310	G-SUB-2510	G-SUB-3110	G-SUB-3710
Effective sublimation area	130 x 100 cm	250 x 100 cm	310 x 100 cm	370 x 100 cm
Total heating platen	145 x 115 cm	265 x 115 cm	325 x 115 cm	385 x 115 cm
Heating	Electrical heated platen	Electrical heated platen	Electrical heated platen	Electrical heated platen
Working temperature	0 - 200 °C	0 - 200 °C	0 - 200 °C	0 - 200 °C
Vacuum pump capacity	16 m³/h	25 m³/h	40 m³/h	40 m³/h
Vacuum pump mode	Continuous	Continuous	Continuous	Continuous
Max. vacuum pressure	8,5 t/m²	8,5 t/m²	8,5 t/m²	8,5 t/m²
Membrane	Silicone rubber	Silicone rubber	Silicone rubber	Silicone rubber
Air suction points	4	12	16	20
Electrical connection	380V / 3~ / 50 Hz	380V / 3~ / 50 Hz	380V / 3~ / 50 Hz	380V / 3~ / 50 Hz
Electrical consumption	5.75 kW	10.75 kW	13.75 kW	16.25 kW
Overall dimensions	161 x 137 x 126 cm	281 x 137 x 126 cm	341 x 137 x 126 cm	401 x 137 x 126 cm
Options				
Extra wide sublimation area with 130 cm	Yes	Yes	Yes	Yes
Vacuum tank with 400 litres	No	Yes	Yes	Yes
Two asymmetrical sublimation zones	No	Yes	Yes	Yes