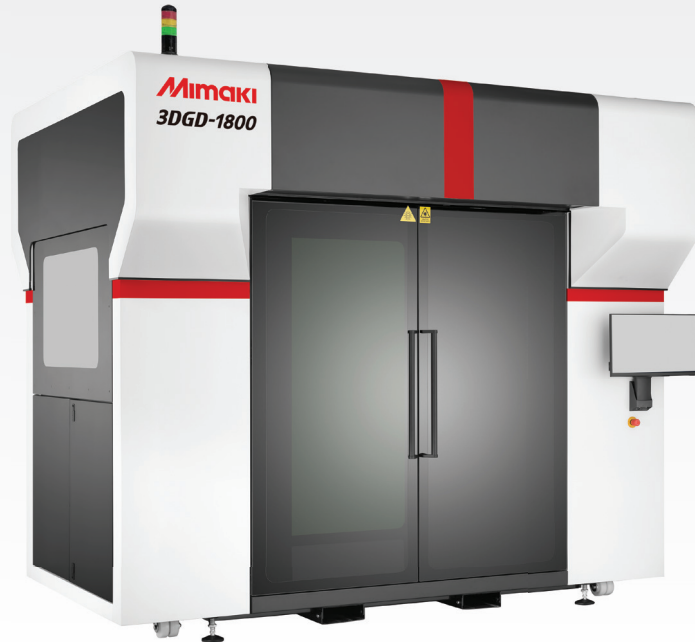


3DGD-1800



Large scale 3D printer

Create supersized 3D displays

The large-scale 3DGD-1800 printer creates dimensional displays for a variety of applications. It is ideal for producing interior-illuminated signage, museum / POP / window displays, channel letters and logos, entertainment promotions, interior design elements, event decoration, movie sets and props, product mock-ups, vacuum molds, and more.

- Create 3D objects up to 57" W x 43.7" D x 70.8" H
- Features Gel Dispensing Printing technology
- Offers three times the processing speed of conventional FFF-type 3D printers
- Produces a 70.8-inch high figure in just seven hours
- Light-transmittable material ideal for internally-lit applications
- Surface can be decorated with output from Mimaki inkjet printers
- Complete solution for 3D printing of large-scale objects
- Includes software for effortless 3D object creation

For best results, always use Mimaki original supplies

Mimaki® 3DGD-1800

Large scale 3D printer

Print method	Gel Dispensing Printing / Dual Print
Printheads	2
Build Area (W x D x H)	57 x 43.7 x 70.8 inches (1450 x 1110 x 1800 mm)
Max. Build Weight	330.7 lbs (150 kg)
Print Speed	350 mm/h (Vertical speed when printing 1m hollow diameter cylinder)
Layer pitch	Normal: 1.3 mm Quality: 1 mm High Resolution: 0.8 mm
Nozzle diameter	1.8 mm / 2.6 mm (replaceable)
File Formats	OBJ, STL, PLY, 3DS, BLEND
Slicer Software	3DGD Slicer
Interface	Ethernet
Operational Environment	Temperature: 60.8 – 86 °F (16 – 30 °C)
Power	3 x 25A, 380-400VAC +/- 10%, 50-60 Hz
Air Pressure	600 - 800 kPA
Power Consumption	10kW (printing)
Outer Dimension (W x D x H)	118.1 x 86.6 x 110.2 inches (3000 x 2200 x 2800 mm)
Weight	5511 lbs (2500 kg)

Inks

Modeling Material MG-100W	White UV curable resin
(size?)	(order #?)
3D Support Ink	Support
(size?)	(order #?)

Please visit us at: www.mimakiusa.com

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Print speeds are based on factory tests. Total throughput depends upon front-end driver/RIP, file size, printing resolution, ink coverage, network speed, etc. For best performance, always use Mimaki original inks. Specifications subject to change without notice.

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