

# Technical details

Print volume	<ul style="list-style-type: none"> <li>WxDxH: 1.17x1.5x1.8m   46x59x70.86in</li> <li>Max. object weight 150kg   330lb</li> </ul>
Productivity (z-axis)	Up to 35cm/hr   13.7in/hr
Printing material	Dimengel - Massivit proprietary photo polymeric printing material white shade pails of 19kg   41.8lb
Workflow & software	<ul style="list-style-type: none"> <li>Software on machine: Massivit proprietary front end software                             <ul style="list-style-type: none"> <li>Operating on Windows®</li> <li>Network: LAN connection</li> </ul> </li> <li>Massivit Smart: Massivit proprietary software* for file preparation                             <ul style="list-style-type: none"> <li>Features: scale, rotate, slice, support generation</li> <li>Input file format: STL</li> </ul> </li> </ul>
Dimensions	Printer WxDxH: 3.1x2.2x2.8m, 10.2x7.3x9.2ft   2500kg, 5511lb Crated WxDxH: 3.5x2.3x2.6m, 10.9x7.6x8.4ft   3000kg, 6613lb
Regulatory compliance	CE
Operation requirements**	<ul style="list-style-type: none"> <li>Electrical voltage: 3x32A 380-400VAC±10%, 50/60Hz</li> <li>Power consumption @50Hz (printing): 10kW</li> <li>Air pressure 6-8 bar   88-118 psi</li> <li>Ventilation</li> </ul>
Operating environment	<ul style="list-style-type: none"> <li>Temperature: 16° to 30°C   60.8° to 86°F</li> </ul>

\* Computer not included  
 \*\* Subject to detailed site preparation guide

# LET’S MAKE IT BIG TOGETHER

With the super-size 3D display industry in its early stages, now is the ideal time to consider implementing Massivit 1800 in your business. From installation, training and trouble-shooting, we are committed to supporting you every step of the way.



Contact us today, and add a profitable new dimension to your print business:  
**Massivit 3D Printing technologies Ltd.**  
 11 Pesakh Lev st. Lod 712936. Israel. Tel: +972-8-6519486, Fax: +972-8-6900758 [www.massivit.com](http://www.massivit.com)

© 2015 Massivit 3D Printing Technologies Ltd. All rights reserved. Massivit 3D, GDP Gel Dispensing Printing, Massivit 1800 and the related logos and slogans are trademarks of Massivit 3D Printing Technologies Ltd. All brand names are the property of their respective owners and may or may not be trademarked. Protected by a number of issued and pending US patents.

# Massivit 1800

Add a profitable new dimension to your business

Win new business, retain existing clients and distinguish your firm by making super-size 3D displays, prototypes and end-use parts a profitable part of your service offering.





# Massivit 1800. Re-printing the rules of the game.

→ The Massivit 1800 is a big act to follow. It's fast, it's productive and, ultimately more profitable. Discover for yourself!

## More printing power for your money

With its remarkable speed and cost-effectiveness, the Massivit 1800 adds a profitable dimension to any business.

## Beautifully simple

Produce complex, super-size displays with minimal parts. For quicker, cost-effective assembly.

## Maximize productivity

- Turnaround more jobs in less time
- Build up rate of up to 35cm / 14in per hour

## Dual-object printing (optional)

Can print 2 different objects in parallel

## Easy to operate

- Easy to operate software
- Printer control from touchscreen
- Vacuum print table with printing liner for easy handling of objects.

## Leaner, lighter, greener

- Hollow lightweight products minimize cost of transportation and handling
- Minimal waste additive process
- No support structures required, eliminates post-printing clean-up
- Low energy consumption LED UV curing

## Speed-powered by GDP technology

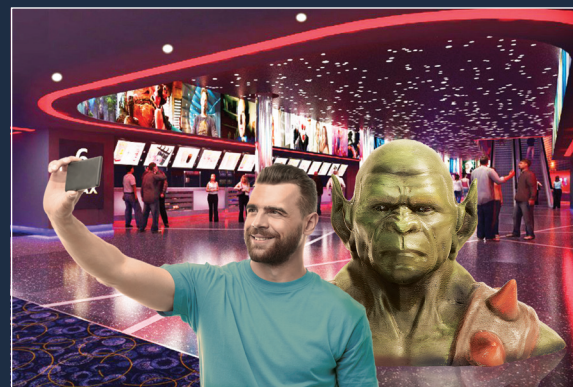
Massivit's patented Gel Dispensing Printing (GDP) technology enables objects to be 3D printed at remarkable size, speed, versatility and ease. GDP is a delicate balance of movement speed, curing speed, unique material properties, and smart support algorithms, enabling the printing of super-sized objects at super-fast speeds.



## One machine. Limitless creative opportunities

Start producing creative 3D displays for advertising, promotions, high-level marketing and entertainment

- ✓ Unique product launches
- ✓ Decoration that calls for selfies and interaction
- ✓ Special exhibition displays
- ✓ Amazing point of purchase displays that matter
- ✓ Entertaining, stand-out centerpieces for events



## Creativity unlimited

Turn every idea into an eye-catching reality. You can turn scan to print, make illuminated displays and personalize or localize objects.