

# 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.

# Technical details

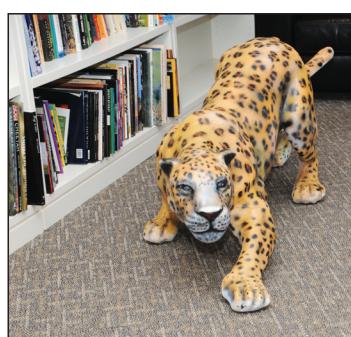
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>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.**

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