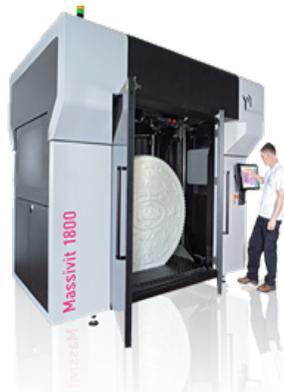


Case Study

Application: 3D Printing



MASSIVit 1800 3D printer



Phoseon FireJet™
FJ200

Massivit 3D Printing Technologies Ltd. uses state-of-the-art UV-LED technology for 3D printing

Massivit continually develops innovative 3D printing products that grow its customers' businesses in exciting new ways. Massivit utilizes the latest LED technology to offer an unlimited range of creative super-sized 3D displays, which are rocking the world of advertising, entertainment and retail.

Massivit's products are used by companies in their advertising and promotions, as well as in "decorated" environments, such as movie and theater sets and props, and museum displays.

A leader in utilizing technology to improve its products, Massivit uses Phoseon Technology's UV-LED curing to print super-size lightweight objects at a remarkable speed. Massivit's patented Gel Dispensing Printing (GDP) technology uses Dimengel, a proprietary photo polymeric gel to print large 3D objects.

Advantages

- **Speed:** Utilizing Phoseon Technology's UV-LED technology, Dimengel's UV-sensitive

properties enable rapid layering and curing using low energy UV light. The instant on/off function of LED lamps enables Massivit to quickly and constantly cure as per the need of the printing process therefore optimizing production -something not easily achieved using traditional UV lamps.

- **Proven:** Massivit has been using Phoseon Technology's UV-LED curing since it developed its large-format 3D printing technology and printing system nearly four years ago. UV-LED provides fast, consistent and reliable curing every time, minimizing waste.

- **Efficient:** As part of Massivit's commitment to a more sustainable future, Phoseon Technology's UV-LED lights are an environmentally friendly alternative to traditional UV arc lamps, which contain mercury. In addition, UV-LED lamps last longer and use less energy than traditional curing methods, which reduces operational costs and increases energy savings as much as ninety percent.

- **User-Ready:** Phoseon Technology's UV-LED curing speed delivers "ready" objects right off the printer; no post-curing or post processing is required.

- **Customizable:** The final printed object is very receptive to multiple types of finishes. That allows the 3D object to be painted or decorated to create complex and eye-catching designs. The LED technology also allows to create multiple shapes and designs that meet end customer needs.

About Massivit 3D

Massivit 3D Printing Technologies Ltd. is a leading provider of large format 3D printing solutions. It was established by a group of experienced industry veterans from leading digital printing companies, who decided to make a statement in the global 3D printing industry. The Massivit system, the largest, fastest and most advanced large format 3D printing solution, is based on a proprietary GDP (Gel Dispensing Printing) technology - a solution that is expected to disrupt a variety of markets worldwide in the use of large 3D objects.