



## NEWS RELEASE

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# Objet Geometries Unveils New Eden260V™ 3-D Printer

## *Eden260V Offers Unprecedented Flexibility in the Use of Printing Materials*

Rehovot, Israel (November 19, 2008) – Objet Geometries Ltd. ([www.objet.com](http://www.objet.com)), the innovation leader in 3-D printing, today unveiled its Eden260V™ printer, the latest addition to its market-leading Eden line of rapid prototyping and manufacturing systems, which offers unprecedented flexibility in using available printing materials.

Similar to Objet's other systems, the Eden260V™ creates highly accurate models with exceptionally fine details and smooth surfaces. This new system offers a compact machine ideal for a wider range of office environments and represents the first Objet small footprint printer that can support all of the company's available proprietary model materials. Taken together, the capabilities of the Eden260V™ allows designers and manufacturers to create models with the widest range of physical properties – including transparency, color and elasticity – for ever more numerous and diverse applications.

"The new Eden260V™ takes the flexibility and value of our 3-D printers to a new level in terms of office environment and material capabilities," said Adina Shorr, CEO of Objet Geometries. "The Eden260V represents yet another way that Objet technology enables companies to achieve competitive advantage in the design, manufacturing and product development process."

According to Tom Wiscombe, principal at architecture and design firm EMERGENT and a beta user of Eden260V™, the system offers ideal next-generation technology. "This new Objet system is fast, can print a huge variety of materials and creates unbelievably elegant models for markets that require this kind of flexibility, precision and speed in one printer," he said.

Michael Librus, general manager at Synergy and another beta user, echoed this sentiment: "The Eden260V™ works with high precision and reliability. Among the biggest advantages of the system are the thin layer thickness of 16 microns, ensuring very accurate and smooth parts, and the wide variety of available model materials. The Eden260V™ offers all the materials of a larger Eden system but at a small price and footprint.

### ***Best-in-class PolyJet™ technology and broadest range of available materials***

Like all of Objet's Eden systems, the new Eden260V™ utilizes the company's renowned PolyJet™ Technology, which jets photopolymer materials in 16µ layers. Similar to a line printer, the jetting head slides back and forth along the X-axis depositing onto the build tray a single layer of photopolymer, which is immediately cured and hardened by UV light. The result is that fully cured models can be handled immediately without additional post-curing and are ready for product testing, as well as painting, drilling, chrome-plating or use as molds for tooling. By adding the capability to utilize the full spectrum of Objet's numerous and diverse photopolymer materials, the Eden260V™ provides designers and manufacturers, the utmost flexibility in terms of fit, form, function and "feel" requirements.

Among the different Objet materials available for use in the Eden 260V™ are:

- FullCure 720® Transparent, ideal for a wide range of rigid models, particularly where visibility of liquid flow or internal details is needed;
- Vero, yielding opaque models in blue, black or white with good impact strength and the enhanced ability to withstand bending;
- Tango, transparent, black or gray rubber-like materials that offer exceptional elongation, excellent toughness and durability, and high resistance to tearing; and
- DurusWhite , designed to simulate the appearance, flexibility, strength and toughness of polypropylene.

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### **About Objet Geometries**

Objet Geometries Ltd., ([www.objet.com](http://www.objet.com)), a pioneer in photopolymer jetting, develops, manufactures and globally markets ultra-thin-layer, high-resolution 3-Dimensional printing systems and materials that utilize PolyJet™ and PolyJet Matrix™ polymer jetting technologies to print ultra-thin layers.

The market-proven Eden™ line of 3-D Printing Systems and the Alaris30 3-D Printer are based on Objet's patented office-friendly PolyJet Technology. Connex500™ is based on Objet's PolyJet Matrix™ technology, which jets multiple model materials simultaneously and creates composite Digital Materials™ on the fly. All Objet systems use Objet's FullCure® materials to create accurate, clean, smooth and highly detailed 3-dimensional models.

Objet's solutions enable manufacturers and industrial designers to reduce cost of product development cycles and dramatically shorten time-to-market of new products. Objet systems are in use by world leaders in many industries, such as automotive, electronics, toy, consumer goods, and footwear industries in North America, Europe, Asia, Australia and Japan.

Founded in 1998, Objet serves its growing worldwide customer base through offices in USA, Europe and Hong Kong, and a global network of distribution partners. Objet owns more than 50 patents and patent pending inventions.