

From its establishment in August 2005 through to the end of 2006, Digital Mechanics printed 5,000 parts. Then, in 2007 alone, the company's output and sales tripled to 15,000. "This is a phenomenal growth, and it was possible largely thanks to Objet's platforms and technology," said Sjoberg. "Our success is also due to our strategy of providing customers with a real solution. We don't just receive STL files and print them; we understand and assist in the application."

Providing a full solution

Digital Mechanics works on a subscription strategy in which the customer pays an annual subscription fee to have an open account, plus a fixed cost per cm³ for each model it orders.

"With this system companies don't need to go through Purchase Department each time," explained Finnberg. "They can simply send us an order and get the part within a few days. At Digital Mechanics we talk about 'price quality' which means we provide our customers with the best possible part available in the market, with highly competitive pricing."

Bowled over by the Connex500 multi-material 3-D printer

Having seen the strengths that Objet's PolyJet™ Technology-based Eden systems can bring to their business, Finnberg and Sjoberg were excited by the introduction of Objet's revolutionary PolyJet Matrix™ Technology and Connex500™ system for printing multi-material 3-D models. After seeing the Connex500 for the first time at ITS launch at the end of 2007, the co-founders realized that it was the perfect fit for Digital Mechanics' leading edge positioning.

"We fell in love with this technology," said Finnberg. "As wild as my imagination can take me...I didn't expect this coming from Objet! Its simply amazing stuff!"

"We want Digital Mechanics to be at the cutting edge of rapid prototyping technology. The Connex500 is the most advanced technological platform in this industry. It brings real added



To celebrate the installation of its Connex500 multi-material 3-D printing system and its move to new, even bigger facilities, Digital Mechanics held an open house event at the beginning of March 2008 – giving more than 30 local companies their first look at the new machine and its extraordinary capabilities

value to our customer offering.... So the decision to purchase this system was obvious to us."

Among the many opportunities that the Connex500 opens up for Digital Mechanics is that it can produce multi-material models that meet growing demand for injection molded parts, particularly from the company's consumer good and consumer electronics customers. Finnberg said: "In the past, we needed to glue double injection molded parts together, which was sloppy and somewhat inaccurate. With the Connex500, we simply determine what mechanical properties are required and print the part."

About Objet Geometries

Objet Geometries, the photopolymer jetting pioneer, develops, manufactures and globally markets ultra-thin-layer, high-resolution 3-dimensional printing solutions for rapid prototyping and rapid manufacturing.

The market-proven Eden line of systems is based on Objet's patented office-friendly PolyJet™ technology. Objet's FullCure® materials create accurate, clean, smooth and highly detailed 3-dimensional models, enabling the most complex 3-D models to be printed with exceptionally high quality, accuracy and speed.

Connex500™, Objet's latest innovation, is based on Objet's PolyJet Matrix™ technology, which offers jetting multiple model materials simultaneously. PolyJet Matrix jets Digital Materials™ creating composite materials which are fabricated on the fly.

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, China and Hong Kong, and a global network of distribution partners. Objet owns more than 50 patents and patent pending inventions.

**Objet Geometries Ltd.
Headquarters**
2 Holtzman st.,
Science Park,
P.O Box 2496,
Rehovot 76124, Israel
T: +972-8-931-4314
F: +972-8-931-4315

**Objet Geometries Inc.
North America**
5 Fortune Drive
Billerica,
MA 01821
USA
T: +1-877-489-9449
F: +1-866-676-1533

**Objet Geometries
GMBH**
Im Leuschnerpark 4,
64347 Griesheim
Germany
T: +49-6155-605-346
F: +49-6155-605-344

**Objet Geometries AP
Asia Pacific**
13th floor, Unit52A, HITEC
1 Trademart Drive
Kowloon Bay, Hong Kong
T: +852-217-40111
F: +852-217-40555

**Objet Geometries AP
Limited China Rep Office**
Rm1220, CIMIC Tower,
1090 Century Blvd,
Pudong Shanghai
2000120 P. R. China
T: +86-21-5836-2468
F: +86-21-5836-2469

© 2008 Objet, Quadra, QuadraTempo, PolyJet, FullCure, SHR, Eden, Eden250, Eden260, Eden330, Eden350, Eden350V, Eden500V, Job Manager, Objet Studio, Connex, Connex500, PolyLog, TangoBlack, TangoGray, TangoPlus, VeroBlue, VeroWhite, VeroBlack, Digital Materials and PolyJet Matrix are trademarks of Objet Geometries Ltd. and may be registered in certain jurisdictions. All other trademarks belong to their respective owners.