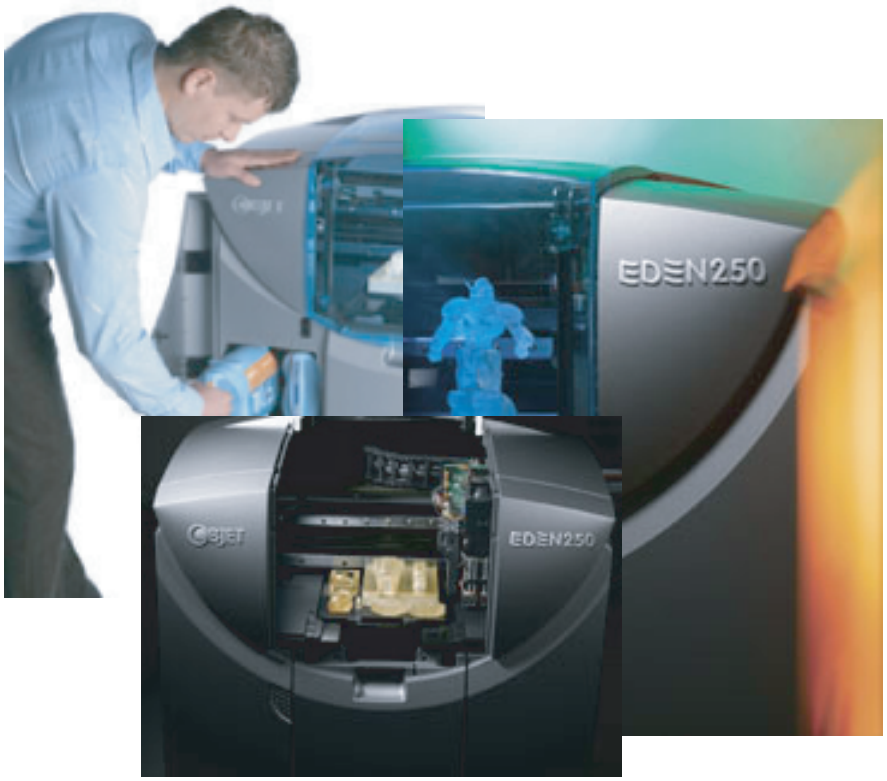

Eden250™ 3-Dimensional Rapid Prototyping Printing System

Rapid Prototyping Capabilities

DO YOU NEED YOUR DESIGN CONCEPT TURNED INTO A PROTOTYPE IN HOURS...INSTEAD OF DAYS?

Master Molded Products is an industry leader with in-house 3-Dimensional Printing capabilities. This unique, versatile technology develops functional "form & fit" models from several materials, using most existing CAD software.

- Ultra-thin layer PolyJet™ Technology
- Fast turnaround: 8-24 hours.
- Choice of several materials
- Fully functional prototype parts
- Accepts most CAD software: .STL and .SLC file transfer
- Affordable
- Wide range of application parameters
- Part detail to 16 microns
- Smooth surface finish - High Resolution
- Part build size - 9.8" x 9.8" x 7.9"

Master Molded Products Corporation

1000 Davis Rd.
Elgin, IL 60123
Phone (847) 695-9700
FAX (847) 695-9707
An ISO-14001/ISO-9001 Company

RAPID PROTOTYPING MOVES AHEAD

The Eden250™ by Objet brings a new level of flexibility to rapid prototyping. Its exclusive polyjet technology lets us turn your design concept into a prototype, test it for fit and form, and even simulate product performance without the excessive cost and time of traditional prototyping methods.

FullCure® Materials

The wide variety of resins within the FullCure family, including transparent, colored and opaque, enables models that meet a wide range of fit, form, function and "feel" requirements. FullCure Support material, used in combination with any FullCure Model material enables models with an unlimited array of complex geometries, including overhangs and undercuts.

Objet's FullCure family of proprietary acrylic-based photopolymer materials enables Objet users to create highly accurate, finely detailed 3-Dimensional models for a wide range of prototyping applications.

Key Features & Benefits:

- Choice of materials enables a wide variety of applications
- Fully cured – models can be handled and touched with no post processing required
- Easy to remove gel-like Support material means no hard grid edges
- Model surfaces readily absorb paint – enabling more realistic-looking models
- Model material can also be machined, drilled, chrome-plated or used as a mold

3-D PRINTING - HOW IT WORKS

The Objet system is based on its patented, market-proven PolyJet™ polymer jetting technology, enabling even the most complex 3D models to be printed with exceptionally high quality, accuracy and speed.

The 3-D delivery system deposits a non-toxic, semi-liquid thermoplastic filament... layer by ultra-thin layer onto a support system.

Objet's PolyJet technology is well established as the leading platform for high-resolution 3-dimensional printing. PolyJet-based systems are used in hundreds of manufacturing sites across the world and across a wide spectrum of industries: automotive, electronics, consumer goods, medical, packaging, and more.

Rapid Prototype Capabilities

System:
Objet Eden250™

Prototype Modeling Process:
3-Dimensional Printing

Part Build Size:
9.8" x 9.8" x 7.9"

Achievable Accuracy:
Part detail to 16 microns

Part Build Material Options:
VeroWhite, VeroBlue, VeroBlack

Part Build Lead Time:
8 to 24 Hours (depending on part size and number of prototypes needed)

System Software:
Processing of standard .STL or .SLC files.

Some Current Users:
Chrysler, Ford Motor Company, General Motors, Toyota, Milwaukee Tool, Baxter Health Care, Dow Chemical, Maytag

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