

## Eden 350V

Eden350V 3-Dimensional Printing System utilizes Objet's advanced Eden platform, providing the market's most productive, flexible and high-quality way to compress the product design-to-manufacturing cycle.

Eden350V is based on Objet's PolyJet photopolymer jetting technology. PolyJet™ technology enables horizontal layers of just 16micron (0.0006"), exceptionally fine details, and ultra-thin walls down to 0.6mm (0.024") depending on geometry.

The systems are designed to provide high-quality, 3-dimensional models quickly and conveniently throughout the CAD/CAM process. With a full 350mm x 350mm x 200mm build size, the new systems offer the flexibility to produce a single large model or multiple smaller models in one build.

### Key Benefits

#### **Eden350V delivers superior flexibility & speed**

The Eden350V print in High Quality mode, with X and Y resolutions of up to 600 dpi, allowing rapid production of models with very fine details. The Eden350V features an additional mode - High Speed (HS) - that prints in the same resolution as High Quality mode, yet builds horizontal layers of 30 at almost double the speed of High Quality. The choice of printing modes enables Eden350V users to match quality and speed to the specific needs of any project or application.



# Eden 350V

Designed for maximum unattended operation, the Eden350V supports four jumbo material cartridges, each holding 3.6kg of material. The system features automatic switching between cartridges, and the PolyLog materials management system that ensures optimal materials usage. The Eden350V can run for up to 72 hours without operator intervention - translating to a full weekend of productivity with no weekend staffing costs. The Eden350 supports dual 3.6kg materials cartridges.

## **Super-high productivity**

Up to 20mm/hour/strip

Easy switching between High Quality and High Speed Mode

Full weekend unattended operation, using Jumbo materials cartridges (approx. 72 hours of non-stop build capacity)

## **Clean, smooth surfaces**

Easy-to-remove, support material enables sophisticated geometries at any angle.

Delivers smooth exterior and interior surfaces, including cavities, without the remnants characteristic of rigid support structures.

Eliminates finishing and post-building process.

## **Print Resolution**

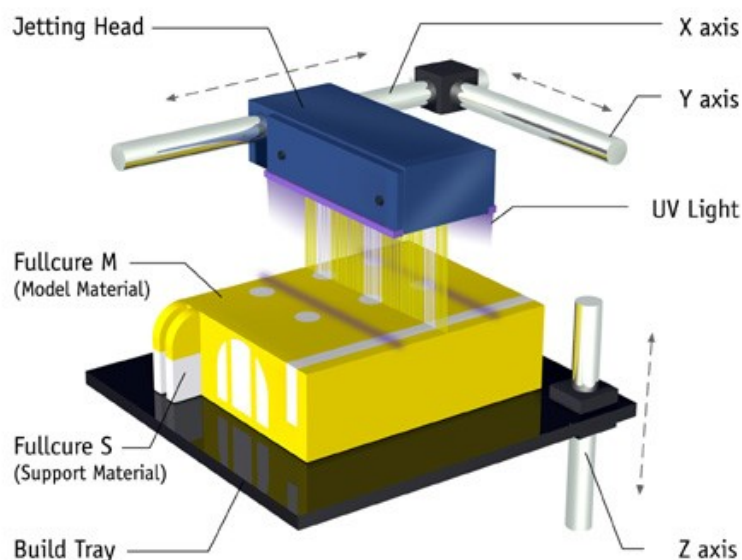
X-axis: 600 dpi: 42  $\mu$

Y-axis: 600 dpi: 42  $\mu$

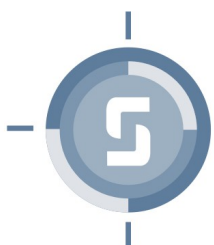
Z-axis: 1600 dpi: 16  $\mu$

## **Tray size (X x Y x Z)**

350mm X 350mm X 200mm



**The Objet PolyJet Process**



**Skeg**  
Product Development