

# Objet30 Pro

## Professional Desktop 3D Printer

Now with 7 Materials including Clear Transparent and High Temperature!



# The Ultimate in Professional Desktop 3D Printing

## High End Performance with a Small Footprint

The **Objet30 Pro** is a 3D printer that combines the accuracy and versatility of a high-end rapid prototyping machine with the small footprint of a regular desktop printer. The **Objet30 Pro** provides a number of unique capabilities in one machine: the industry's highest level print resolution and 7 different 3D printing materials. In fact, the **Objet30 Pro** is the world's only desktop 3D printer capable of printing in clear transparent material, high-temperature resistant material and polypropylene-like material.

Combine these with Stratasys' obsession with reliability and ease of use and you get a world-class 3D printer for every prototyping capability that you could need, in-house.

## Built with your Applications Needs in Mind

Featuring a compact build tray size of 300 X 200 X 150 mm, the **Objet30 Pro** is ideal for the rapid prototyping needs of companies producing Consumer Goods, Consumer Electronics, Medical Devices as well as Rapid Prototyping Service Bureaus and Design Consultancies.

## Ensure the Successful Delivery of Product Concept to Creation

Packing a punch well beyond its size, the **Objet30 Pro** is the ultimate prototyping solution for designers, engineers and product managers. By providing the industry's highest levels of prototyping accuracy and material versatility, the **Objet30 Pro** ensures dramatic cuts to product development times and promises the successful delivery of concept to final product creation.

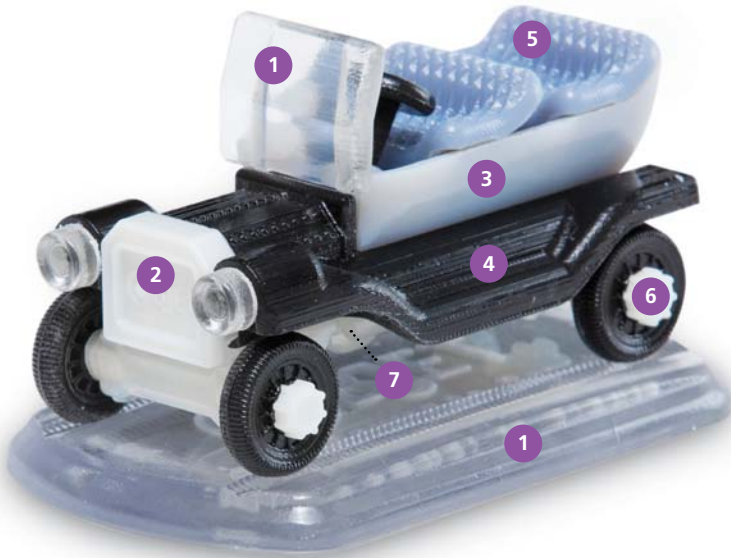


Scale model garden-set printed on the **Objet30 Pro** using 7 different materials

## Objet30 Pro at a Glance:

- The ultimate prototyping solution for **designers, engineers** and **product managers**
- Ideal for **consumer goods, consumer electronics, medical devices** and **design consultancies**
- Combines the **accuracy** and **versatility** of a high-end RP machine **with a small footprint**
- **7 different materials**; the world's only desktop 3D printer with **clear transparent, high temperature** and **rigid opaque polypropylene-like materials**.
- **Reliable** and **easy to use**

# The Industry's Widest Desktop Versatility with 7 Materials



- 1 **Windscreen, Headlamps & Base** – in **Objet Transparent Material** (Objet VeroClear) for fit and form testing of transparent parts & PMMA simulation
- 2 **Engine & Radiator** – in **Objet High Temperature Material** for advanced functional testing, hot air & water flow, static applications & exhibition modeling
- 3 **Bodywork** – in **Objet Rigid Gray Material** (Objet VeroGray) ideal for fine detail emphasis and superior dimensional stability
- 4 **Chassis & Wheels** – in **Objet Rigid Black Material** (Objet VeroBlack)
- 5 **Seats** – in **Objet Rigid Blue Material** (Objet VeroBlue) ideal for fine detail emphasis & photography
- 6 **Hubcaps** – in **Objet Rigid White Material** (Objet VeroWhitePlus) for multi-purpose applications
- 7 **Axels & Crankshaft** – in **Objet Polypropylene-like Material** (Objet DurusWhite) for Polypropylene like snap fits applications

## Technical Specifications - *Objet30 Pro*

### Layer Thickness (Z-axis)

Horizontal build layers of 28 microns (0.0011 inch)

Horizontal build layers of 16 microns for VeroClear material (0.0006 inch)

### Tray Size (X×Y×Z)

300 × 200 × 150 mm (11.81 × 7.87 × 5.9 inches)

### Net Build Size (X×Y×Z glossy)

294 × 192 × 148.6 mm (11.57 × 7.55 × 5.85 inches)

### Build Resolution

X-axis: 600 dpi  
Y-axis: 600 dpi  
Z-axis: 900 dpi

### Accuracy (glossy) @ Operating Environment

0.1 mm (0.0039 inch) typical  
Accuracy may vary depending on part geometry, size, orientation, material and post processing method

### Model Materials

- VeroClear Transparent
- RGD525 High Temperature
- VeroWhitePlus Opaque
- VeroBlue Opaque
- VeroBlack Opaque
- VeroGray Opaque
- DurusWhite Polypropylene-like

### Support Material

- FullCure<sup>®</sup>705
- Non-toxic gel-like photopolymer
- Easily removed by WaterJet

### Materials Cartridges

Sealed 4 x 1 kg (2.2 lbs) cartridges

### Power Requirements

Single phase:  
100 to 200VAC; 50/60Hz; 7A  
200 to 240VAC; 50/60Hz; 3.5A

### Product Dimensions (W×D×H)

82.5 × 62 × 59 cm (32.28 × 24.4 × 23.22 inches)

### Product Weight

93 kg (205 lbs)

### Frontend Software

Objet Studio™ features:

- Automatic build orientation
- Automatic real time support structure generation
- Slice on the fly

### OS Workstation Compatibility

Windows XP, Windows 7 32/64-bit

### Network Connectivity

Ethernet TCP/IP 10/100 base T

### Input File Format

STL and SLC Files

### Operating Environment

Temperature:  
18°C to 25°C (64°F to 77°F)  
Humidity:  
30 to 70% RH (non-condensing)

### Special Facility Requirements

None

### Jetting Heads

2 printing heads  
SHR (Single Head Replacement)

### Regulatory Compliance

CE/FCC/RoHS

### Other Features

Quiet office operation

\*All specifications are subject to change without notice



# THE POWER TO CREATE

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