## RoVa3D Competitor Comparison

With any product or technology assessment, seeing how all the options stack up is part of the decision making process. Let's compare apples to apples in three key areas print technology, performance, and capability features relative to price. We've matched our printer against two of our competitors to help you identify the critical features and performance criteria you need to consider before buying. Here they are.

### **MAKERBOT**



Replicator Z18

**Print Technology Fused Deposition Modeling** 

#### **CUBIFY**



CubePro Trio

**Fused Deposition Modeling** 

10.8L" X 10.45W" X 9.5H"

### ORD SOLUTIONS



RoVa3D 5

**Fused Deposition Modeling** 

### **Performance Features**

Printer

12"L X 12"W X 18"H **Build Area** Speed

Resolution

XY positioning precision

Z positioning precision 2.5 microns

Number of nozzles

Materials supported

80 100mm/sec.

100 microns

11 microns

MAKERBOT PLA (preferred)

15mm/sec.

HD: 70 microns, SD: 200 microns,

Fast mode: 300 microns

200 microns

100 microns

3

PLA, ABS, Nylon, dissolvable natural

USB stick, USB cable, Wi Fi, Connectivity

Ethernet

Varying types of

material per print

Colors per print

Maybe 2

Wi Fi (perhaps others but not specified)

Maybe 3

11.2"W X 11.9"L X 7.6"H

>150mm/sec.

5 microns

.125 microns

PLA, ABS, Soft PLA, HIPS, PET, PETT, Taulman, Laywoo, Laybrick, ESD, Conductive, POM, Carbon fiber, Nylon, Polycarbonate, and high temperature materials in development

USB stick or cable, SD card, Wi Fi via the **RoVaPOD Personal Operating Device** (Tablet)

**Definitely 5** 





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Even more reasons why you should choose ORD SOLUTIONS...

### **MAKERBOT**



Replicator Z18

### **CUBIFY**



CubePro Trio

### **ORD SOLUTIONS**



RoVa3D 5

### **Capability Features**

Filament diameter

Printer

Platform construction Powder coat steel, with pc abs and aluminum composite materials User Interface

Mobile app, resident screen with control knob and buttons

capability

Model types stl, obj, thing, makerbot

Filament colors Not stated 24 colors

Nozzle diameter(s) .4mm

1.75mm

**Operating System** Windows (7+), Mac OS X (10.7+),

Linux (Ubuntu, Fedora)

MSRP \$6.499.00 US Not defined

Touchscreen display and Wi Fi

stl, CubePro software

1.75mm

.5mm

Windows (various), Mac (10.8+)

\$4.399.00 US

Aircraft grade aluminum frame with stainless steel gears and bearings

7" Android driven tablet with all the software installed for immediate set up and printing

stl, obj, amf

1.75mm

Limited only by the colors available

.20mm, .35mm, .50mm, .70mm, 1mm

Windows, Mac, Linux

\$3,495.00 US



Contact: info@ordsolutions.com