

IMSI®/Design presents 3D Printers at: <http://www.turbocad.com/3Dprinters.aspx>

# 3D Touch 3D Printer (Double Head)

## 3D Touch™ 3D Printer (Double Head)

Double Head 3D Printer



# 3D Printers

Easy to set up, easy to use 3D printer

Tablet-like user interface

Features super large print area (up to 10 ¾ x 10 ¾ x 8 ¼ in)

Reads directly from USB drive - no PC connectivity required

Option of double head machine for support material, and triple head version for multi-material projects

No maintenance contract necessary



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## 3D Printers



For more information email to [3Dprinters@imsidesign.com](mailto:3Dprinters@imsidesign.com)

For pre-sales questions or to order by telephone, call **1.800.833.8082** M-F, 7am-5pm PST (outside of USA call 1.415.483.8000)

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# 3D Touch 3D Printer (Double Head)

Our newest, simplest 3D printer

- Brand new touchscreen display and control panel.
- Quick to set up out of the box.
- USB storage and connectivity.

**Perfect for the office, classroom or home environment.**

- Clear and open design.
- Clean, tidy nozzle and purging area - easily removable.
- Can be placed and operated anywhere (with power). Files are read from USB drive; no PC connection required.

**Complemented by Axon 2 software**

- Purpose-written software easily converts your STL files ready for printing.
- Friendly and familiar user interface.

Print complex geometries without compromise.

- Large build platform enables a wider range of 'one-print' parts.
- Multiple print heads enable multi-material prints - support material can simply be 'snapped off' (or dissolved away) resulting in a cleaner, more accurate finish.

Easy to use and maintain, no need for maintenance contracts.

- One piece heater barrel allows easy material change.
- Minimal set up and simple calibration process

**Simple and cost-effective machine upgrades.**

- Electronics configured to accommodate up to three heads - a single head machine can be easily upgraded to a two or three head unit affordably.
- Free firmware upgrades - benefit from software developments at no extra cost.

Designed, engineered and built to be accurate and robust, yet simple.

- Extremely rigid, durable frame providing excellent mechanical stiffness.
- Increased z move speed and accuracy.
- Ultra-compact extruders deliver material with control and precision.



MAXIMUM BUILD SIZE		3D TOUCH DOUBLE
X axis		230mm (9 inches)
Y axis		275mm (10 ¾ inches)
Z axis		210mm (8 ¼ inches)
Please note print size will vary from build size and is dependent on print material specifications		
Z axis resolution		0.125mm (0.005" / 125 microns)
Print tolerance	x and y axis +/- 1% of object dimension or +/- 0.2mm (0.008" / 200 microns) whichever is greater. z axis +/- half the processed z resolution Shrinkage and warpage can occur on models and is purely geometry dependent.	
Print speed extruded volume	Maximum 15mm <sup>3</sup> (9/16th" <sup>3</sup> ) per second print and polymer dependent	
Power requirements	110 – 240v AC	
Approximate weight		37kg (81.5 Lbs.)
Overall dimensions	515mm (w) x 515mm (l) x 598mm (h) (20 ¼ x 20 ¼ x 23½ inches)	
Maximum operating temperature at extruder tip	280°C (536°F)	
Support material	PLA / ABS / soluble clear translucent PLA	
Support removal	Break away support material with pliers and cutters or just fingers where appropriate. Clear translucent PLA is soluble in a sodium hydroxide solution used with a heated ultrasonic tank – care is required with this option.	

## Open up a whole new world of professional productivity.

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