

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



Easy to set up, easy to use 3D printer

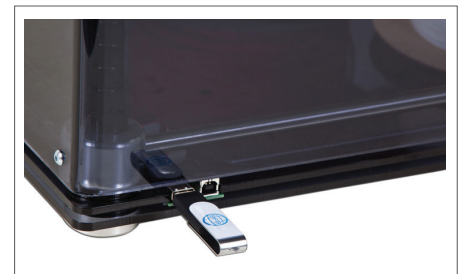
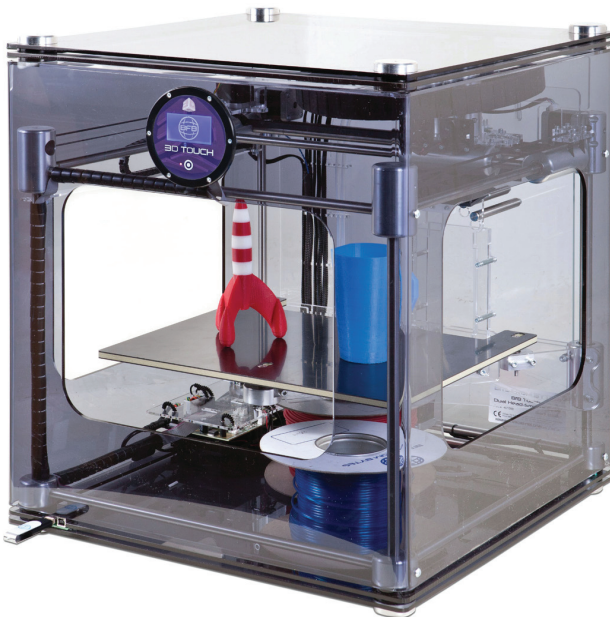
Tablet-like user interface

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 15mm³ (9/16th"³) 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.

Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, material combined with, or with end use. 3D Systems makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.



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