

# HP Jet Fusion 580/380 Color and 540/340 3D Printers



**Produce functional parts in full color, black or white  
—with voxel control—in a fraction of the time<sup>1</sup>**

The cost-effective HP 3D printer tailored for small/medium-sized product development teams, design firms, and universities.

Now you can prototype and produce with the same technology.

## **Produce accurate, functional parts with intricate detail**

- Produce engineering-grade thermoplastic parts with optimal mechanical properties
- Achieve fine detail and high dimensional accuracy for small features
- Access a wide range of future materials and applications with the HP Multi Jet Fusion Open Platform
- Get accurate and repeatable results

## **Accelerate your design cycle—create, test, iterate in just hours**

- Increase your productivity—produce multiple prototype iterations in the same time it takes to print a single part<sup>1</sup>
- Access convenient in-house automated production with the most compact HP Jet Fusion 3D device
- Get the parts you want when you need them, easily, reliably, and predictably
- Move smoothly from prototyping to final part production with the same HP Multi Jet Fusion platform
- Gain peace of mind—we're here to meet your in-house 3D printing needs with HP's world-class training, support, and services

## **Create full spectrum color parts with a voxel-control system poised for future innovation**

- Produce brilliant, full-color functional parts while maintaining optimal mechanical properties
- Stay ahead with a future-ready technology, configurable for voxel control beyond color

# The most compact HP Jet Fusion 3D devices, designed for convenient in-house automated production.

## Full color

HP Jet Fusion 580/380 3D Printers  
8-agent configurability

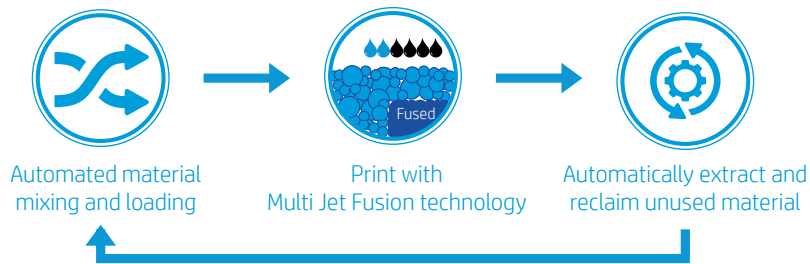
## Black and White

HP Jet Fusion 540/340 3D Printers  
4-agent configurability



Image shows the HP Jet Fusion 580 Color 3D Printing Solution

## Fully integrated, compact design.



## Technical information

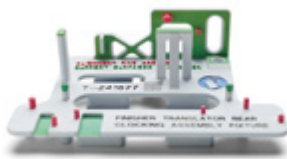
Printable build size 580/540 Printers:	up to 7.5 x 13.1 x 9.8 inches (190 mm x 332 mm x 248 mm)
Printable build size 380/340 Printers:	up to 7.5 x 10 x 9.8 inches (190 mm x 254 mm x 248 mm)
Layer thickness:	0.08mm
Productivity:	Full bucket with 52 parts in about 15 hours, as many as 5 parts in around four hours <sup>1,2</sup>
Printer dimensions:	Printer dimensions: 61.6 x 37.6 x 59.3 inches (1565mm x 955mm x 1,505mm) Rear module can be temporarily removed to fit through a 36-inch (900mm) door

## Materials

Access a wide range of future materials and applications with the HP Multi Jet Fusion Open Platform.

## Services

Gain peace of mind—we're here to meet your in-house 3D printing needs with HP's world-class training, support, and services



Data courtesy of FreshFiber



Data courtesy of Phoenix Children's Hospital: Heart of Jemma

## Full-color<sup>3</sup> functional parts with engineering-grade thermoplastic

1. Based on internal and third-party testing for HP Jet Fusion 580 and 540 3D Printers, printing time is a fraction of the time of the printing times of comparable plastic fused deposition modeling (FDM), stereolithography (SLA), and material jetting solutions from \$20,000 USD to \$120,000 USD on market as of June, 2017. Testing variables for the HP Jet Fusion 580 3D Printer: Part quantity: 1 full build chamber of parts from HP Jet Fusion 3D at 10% of packing density versus same number of parts on above-mentioned competitive devices; Part size: 30 cm<sup>3</sup>; Layer thickness: .08 mm/0.003 inches. Competitor testing variables are comparable.
2. For HP Jet Fusion 580/540 3D Printers only.
3. For HP Jet Fusion 580/380 3D Printers only.

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