The HP Jet Fusion 3D printing solution reinvents how you prototype and produce functional parts, delivering quality output, up to 10 times faster\(^1\) at half the cost\(^2\)

**Superior, consistent part quality**
- Get extreme dimensional accuracy and fine detail,\(^3\) thanks to HP’s unique Multi-Agent printing process
- Produce truly functional parts with optimal mechanical properties,\(^4\) faster\(^1\)
- Obtain predictable, reliable final printed parts that match your design\(^5\)
- Access new future materials and uncover new applications thanks to the HP Multi Jet Fusion Open Platform

**Breakthrough productivity**
- Produce more parts per day with continuous printing and fast cooling\(^1\)
- Streamline your workflow with HP’s automated materials preparation and post-processing station
- Cleaner experience with an enclosed Processing Station and materials not classified as hazardous\(^6\)
- Rely on HP’s world-class Technical Services and Support to maximize uptime and productivity
- Choose your ideal end-to-end solution from a range of printing and processing options

**Lowest cost-per-part\(^2\)**
- Achieve lowest cost-per-part\(^2\) and reduce operational costs, opening your doors to short-run manufacturing
- Benefit from a competitively-priced 3D printing solution\(^2\)
- Optimize cost and part quality, with cost-efficient materials that offer industry-leading reusability\(^7\)
- Plan production times more accurately and predictably, to increase your overall operational efficiency

For more information, please visit hp.com/go/JetFusion3Dsolutions
Automated material mixing and loading systems help streamline your workflow and reduce labor time.

No additional room for parts removal needed with enclosed unpacking and material collection system, including a laminar hood.

The HP Jet Fusion 3D Build Unit— included within the printer—is moved on for cooling right after job completion allowing a continuous printing process and maximizing productivity.

The HP Jet Fusion 3D Fast Cooling Module1 reduces cooling time resulting in faster time-to-part and more parts ready within the same day.

Lowest cost-per-part2 and minimal powder wastage with HP 3D High Reusability PA12—a strong, multi-purpose thermoplastic that optimizes cost and part quality.

Accelerated materials innovation to drive new, high-performance materials thanks to HP’s Open Platform.

SOLUTION

HP Jet Fusion 3D
4200/3200 Printer

PROCESSING STATION

HP Jet Fusion 3D Processing Station with Fast Cooling1

MATERIALS

Ordering information

<table>
<thead>
<tr>
<th>Product</th>
<th>HP Jet Fusion 3D 4200 printing solution</th>
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<tr>
<td>Product</td>
<td>M0P44A HP Jet Fusion 3D 4200 Printer</td>
<td>M0P44A HP Jet Fusion 3D 4200 Printer</td>
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<tr>
<td>Accessories</td>
<td>M0P42A HP Jet Fusion 3D Processing Station with Fast Cooling</td>
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<td>F9K08A HP 3D600 Printhead</td>
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<td>V1Q61A HP 3D600 Detailing Agent 3L</td>
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<td>Other supplies</td>
<td>V1Q66A HP 3D600 Cleaning Roll</td>
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<td>Original HP Materials</td>
<td>V1R10A HP 3D High Reusability PA12 30L (13 kg)</td>
<td>V1R10A HP 3D High Reusability PA12 30L (13 kg)</td>
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<td>U9EK5E HP Installation and Introduction to Basic Operation</td>
<td>U9EJ8E HP Installation and Introduction to Basic Operation</td>
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<td>U9EK4E HP 3 year HP Next Business Day Onsite Support</td>
<td>U9EJ7E HP 3 year HP Next Business Day Onsite Support</td>
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<td>U9EK7E HP Operator Training</td>
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1 M0P42A

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Image may differ from actual product.

Easy-to-use solution that scales with your business. Integrated end-to-end process that delivers both functional prototypes and final parts.

Breakthrough speed up to 10 times faster1 thanks to HP’s proprietary printing technologies with 30 million drops per second across each inch of the working area.

HP fusing and detailing agents work with HP Multi Jet Fusion technology and materials to deliver fine details and dimensional accuracy2.

Accurate thermal control of every layer enables predictive corrections voxel by voxel for optimal mechanical properties3.

In-printer quality checks reported via a touchscreen help minimize errors and enable easy and accurate job progress tracking.

HP SmartStream 3D Build Manager and Command Centre: complete, easy-to-use in-box software solutions that streamline your workflow from design to final part.

HP Technical Services and Support stand behind your business to maximize your uptime and productivity, with next-business-day onsite support and spare parts availability4.

HP Jet Fusion 3D 4200/3200 Printing Solution

Image may differ from actual product.
Technical specifications

HP Jet Fusion 3D 4200 Printer
HP Jet Fusion 3D 3200 Printer

**Printer performance**

| Technology | HP Multi Jet Fusion technology |
| Effective building volume | 406 x 305 x 406 mm (16 x 12 x 16 in) |
| Building speed | 3200 Printer: 3500 cm³/hr (215 in³/hr)²
4200 Printer: 4500 cm³/hr (275 in³/hr)³ |
| Layer thickness | 3200 Printer: 0.08 to 0.10 mm (0.003 to 0.004 in) 4200 Printer: 0.07 to 0.12 mm (0.0025 to 0.005 in) |

| Print resolution (x, y) | 1200 dpi |

**Dimensions (w x d x h)**

- **Printer**: 2178 x 1238 x 1448 mm (85.7 x 48.7 x 57 in)
- **Shipping**: 2300 x 1153 x 1983 mm (91 x 52 x 78 in)
- **Operating area**: 3700 x 3700 mm (146 x 146 in)

**Weight**

- **Printer**: 730 kg (1669 lb)
- **Shipping**: 900 kg (1984 lb)

**Network**

- Gigabit Ethernet (10/100/1000Base-T), supporting the following standards: TCP/IP, DHCP (IPv4 only), TIL//SSL

**Hard disk**

- 2 TB (AES-128 encrypted, FIPS 140, disk wipe DoD 5220M)

**Software**

- Included software: HP SmartStream 3D Build Manager, HP SmartStream 3D Command Center
- Supported file formats: 3mf, stl
- Certified third-party software: Autodesk® Netfabb®, Engine for HP Materialise Magics with Materialise Build Processor for HP Multi Jet Fusion

**Power**

- Consumption: 9 to 11 kW (typical)
- Requirements: Input voltage three phase 380 to 415 V (line-to-line), 30 A max, 50/60 Hz / 200 to 240 V (line-to-line), 48 A max, 50/60Hz

**Certification**

- Safety: IEC 60950-1+A1+A2 compliant; United States and Canada (UL listed); EU (LVD and M0 compliant, EN60950-1, EN12100-1, EN60204-1, and EN1010)

- Electromagnetic: Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM)

**Environmental**

- REACH

**Warranty**

- One-year Services and Support coverage

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**Eco Highlights**

- Powders or agents and are not classified as hazardous
- Enclosed printing system and automated powder management, including post-processing, for a cleaner and more comfortable environment
- Minimum waste thanks to high reusability of powder
- Take back program for PH15

Find out more about HP sustainable solutions at hp.com/ecosolutions

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1. Fast Cooling enabled by HP Jet Fusion 3D Processing Station with Fast Cooling, available in April 2017. HP Post Processing Station with Fast Cooling accelerates parts cooling time versus recommended manufacturer time by SLS printer solutions from $100,000 USD to $300,000 USD, as tested in April 2016. FDM not applicable. Continuous printing requires an additional HP Jet Fusion 3D Build Unit (standalone printer configuration includes one HP Jet Fusion 3D Build Unit). Based on internal testing and simulation, HP Jet Fusion 3D average printing time is up to 10x faster than FDM & SLS printer solutions from $100,000 USD to $300,000 USD on market as of April 2016. Testing variables: Part Quantity-1 full build chamber of parts from HP Jet Fusion 3D at 20% of packing density vs. same number of parts on above-mentioned competitive devices; Part Size 30 g; Layer thickness: 0.1 mm/0.004 inches.

2. Based on internal testing and public data, HP Jet Fusion 3D average printing cost-per-part is half the cost of comparable FDM and SLS printer solutions from $100,000 USD to $300,000 USD on market as of April 2016. Cost analysis based on: standard solution configuration includes one HP Jet Fusion 3D Build Unit.

3. Based on dimensional accuracy of ±0.2 mm/0.008 inches, measured after sand blasting. See hp.com/go/3Dmaterials for more information on materials specifications.

4. The term “cleaner” does not refer to any indoor air quality requirements and/or consider related air quality regulations or testing that may be applicable. The HP powder and agents do not meet the criteria for classification as hazardous according to Regulation (EC) 1272/2008 as amended.

5. HP Jet Fusion 3D print solution with HP 3D High-Res PA12 has the highest post-production surplus powder reusability with 80% reusability vs any other powder based 3D technology using PA12 material. Consistent performance with only 20% powder refresh rate.

6. Next-business-day parts availability in most countries.

7. JL refers to the materials container size and not the actual materials volume.

8. For latest technical specifications, please visit hp.com/go/3Dprint.

9. Based on 0.1-mm (0.004-in) layer thickness and 10 sec/layer.

10. Only available in certain countries and subject to Terms and Conditions of HP Limited Warranty and/or Service Agreement. Please consult with your local sales representatives for further details.

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