# HP Jet Fusion 5200 Series 3D Automatic Unpacking Station



Achieve consistent unpacking results through an automatic process with an industrial-grade solution

## Reduces post-processing labor[1]

- Ideal for unattended, fast unpacking of small- to medium-sized parts—allowing you to repurpose labor to other tasks within your workflow.

- Reduces manual handling of material powder during the unpacking process and reduces post-processing labor for each printed build.[1]

## Increases build-to-build unpacking consistency[1]

- Reduces process variation between printed builds with consistent and operator-independent outcomes.

- Process can be optimized for a specific build design with the use of control knobs.

## Enhances performance across your HP Multi Jet Fusion workflow

- Automatically unpacks full builds in as little as 30 minutes.[2]

- Enables the reclaim of more non-fused material powder for certain geometries.[3]

- Reduces time to part with hot parts unpacking for certain applications.[4]

- Includes remote process monitoring and historical data tracking via HP 3D Center software.

# Technical specifications

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|---|---|---|
| Features | Automatic unpacking; high-temperature unpacking; automated external storage tank; cooling unit as input, unloading box for part collection | |
| Product performance[5] | Effective build volume | 380 x 284 x 380 mm (15 x 11.2 x 15 in) |
| | Process time | As fast as 30 minutes[2] Balanced unpacking mode[6] |
| Material compatibility[7] | HP 3D High Reusability PA 11 and HP 3D High Reusability PA 12 | |
| Dimensions (w x d x h) | Automatic unpacking station | 2210 x 1000 x 1810 mm (87.0 x 39.4 x 71.3 in) |
| | Shipping | 2300 x 1280 x 1990 mm (90.6 x 50.4 x 78.3 in) |
| | Operating area | 4010 x 4000 x 2000 mm (157.9 x 157.5 x 78.7 in) |
| | Unloading box | 600 x 400 x 270 mm (23.6 x 15.7 x 10.6 in)[8] |
| Weight | Automatic unpacking station | 650 kg (1433 lb) |
| | Shipping | 875 kg (1929 lb) |
| Power | Consumption | 2 kW (typical) |
| | Requirements | 400 V (line-to-line), 9A max, 50 Hz 480 V (line-to-line), 9A max, 60 Hz |
| Compressed air requirements[9] | Minimum air pressure | 6.8 ± 0.2 bar |
| | Minimum air flow | 2500 liters per minute |
| Certifications and statement | Safety | NFPA 79, EU (MD Compliant, EN 60204-1, EN ISO 12100-1, EN 1127-1, EN ISO 13849-1) |
| | Electromagnetic | Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), Korea (KCC) |
| | Environmental statement | REACH compliant |
| Environmental ranges | Operating temperature | 20-30°C (68-86°F) |
| | Operating humidity | Operating humidity 30-80% RH without condensation |
| Network[10] | Gigabit Ethernet (10/100/1000Base-T), supporting the following standards: TCP/IP, DHCP (iPv4 only), TLS/SSL) | |
| Warranty & service coverage included | One-year limited hardware warranty | |

# Ordering information

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|---|---|---|
| Product | 2W883A | HP Jet Fusion 5200 Series 3D Automatic Unpacking Station |
| Product accessories | 2M7W6A | HP Jet Fusion 5200 Series 3D Automatic External Tank |
| | 4QG10A | HP Jet Fusion 5200 3D Natural Cooling Unit |
| Recommended third-party accessories | Hovmand Forklift 5200 | Please consult with your local HP Amplify 3D Printing Specialist |
| HP 3D long-term consumables | 8VJ68A | HP Jet Fusion 5200/4200 Series 3D Vacuum Pump Filter |
| | 2X0E1A | HP Jet Fusion 5200 Series 3D Automatic Unpacking Station E-cabinet Fan Filter |
| | 2X0E2A | HP Jet Fusion 5200 Series 3D Automatic Unpacking Station Pneumatic Filter |
| | 2X0E3A | HP Jet Fusion 5200 Series 3D Automatic Unpacking Station Top Lid Filter |

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: hp.com/go/learnaboutsupplies

Learn more about HP Jet Fusion 5200 Series 3D Automatic Unpacking Station at: hp.com/go/3DPrinter5200

Connect with an HP 3D Printing expert or sign up for the latest news about HP Jet Fusion 3D Printing: hp.com/go/3Dcontactus

For more information, please visit: hp.com/go/3DPrinter5200

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1. Compared to the HP Jet Fusion 5200 Series 3D Printing Solution without the HP Jet Fusion 5200 Series 3D Automatic Unpacking Station, as of August, 2020. Total time savings depend on the build height, part geometry, packing density, and operator efficiency. Up to one full hour of labor savings per printed full build.

2. Use of balanced unpacking mode. Solution is compatible with the maximum build height of 380 mm (15 in). Duration can be set shorter by the end user.

3. Build designs containing small- to medium-sized parts with smooth part surfaces and without inner sections. Please contact your local HP sales representative to assess this specifically for your application. Compared to the HP Jet Fusion 5200 Series 3D Printing Solution without the HP Jet Fusion 5200 Series 3D Automatic Unpacking Station, as of August, 2020. The solution is compatible with HP 3D High Reusability PA 11 and HP 3D High Reusability PA 12.

4. After the recommended minimum cooling time for the specific printed material. The minimum cooling time for a specific application highly depends on the part geometry and requirements. Please contact your local HP sales representative to assess this specifically for your application.

5. Performance is highly application-specific and depends on the build height, part geometry, packing density and part distances. Please contact your HP Amplify 3D Printing Specialist to assess this specifically for your application.

6. Assumes balanced unpacking profile. Job duration begins at the moment the job is selected to unpack at the control panel and ends at the time the parts are ready to be collected from the unloading area. Does not include part cleaning.

7. For compatibility with other materials in HP's portfolio, please contact your HP Amplify 3D Printing Specialist.

8. Standard Euro container dimensions.

9. An air compressor or pressurized air line is required, and must be provided by the customer. A tube of 22-mm external diameter and 18-mm internal diameter should be connected from the air supply to the product. The minimum air quality should be ISO8573-1:2010 Class 4.4.3.

10. The HP Jet Fusion 3D Printing Solution should be connected to the HP Cloud in order to enable the correct functioning of the product and to offer better support.

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