HP Multi Jet Fusion 1200 3D Printer

Start Fast. Dream Big.



Bring industrial-quality 3D printing to your workflow with the HP MJF 1200 3D Printer.

Designed to fit your workspace and budget, this compact solution helps you produce strong, accurate parts using the same HP Multi Jet Fusion technology trusted across HP's industrial portfolio.

Backed by HP's Additive Manufacturing ecosystem, it combines proven performance with the simplicity, reliability, and support to help you get started with confidence.

Industrial quality that fits you.



Industrial quality within reach

Access the same proven HP Multi Jet Fusion technology used across HP's industrial portfolio, backed by 10 years of additive manufacturing expertise and hundreds of millions of parts[1] produced worldwide.

Now available in a more accessible[2] system designed for a broader range of workspaces and budgets, it delivers the repeatable, reliable part quality required for demanding applications.

Built for real-world applications

Create strong, accurate, watertight[2] parts for real-world applications, from jigs and fixtures to end-use components across industrial, drone, automotive, healthcare applications, and more, including complex geometries without support structures.

Start with a proven material

Start with a proven material, HP 3D High Reusability PA 12, enabled by Evonik, and support a wide range of applications today, with additional materials planned for the future.[4]

Easy to run. Built to scale.



Simplified operation

Automated material loading, mixing, unpacking, and a guided workflow help reduce manual work and make powder-based 3D printing easier to run from design to final part.

Easy installation

Bring industrial-quality 3D printing into your workspace with a compact,[2] easy-to-install system designed to fit seamlessly into your environment and workflow.

Built for long-term growth

Start with in-house HP Multi Jet Fusion production and scale as your needs grow, backed by HP's global network of MJF parts providers when you need additional capacity.

Easy material switching

Switch materials and adapt workflows easily so you can explore and validate new applications as your needs evolve.

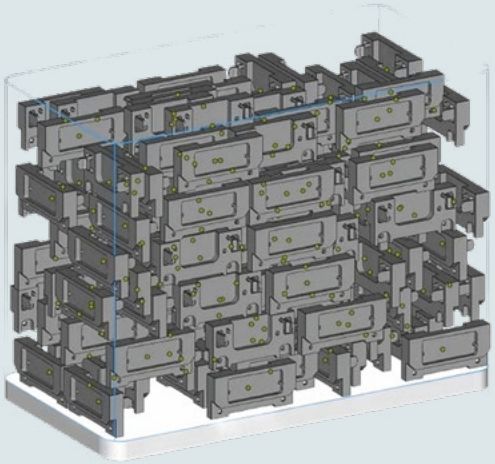
Supported every step of the way

Follow a guided workflow designed to help you build parts with confidence, backed by HP's global service organization and experienced partners from your first build onward.

More output. More control.

Next-day parts at the volumes you need

Designed around the HP MJF process, the 320 × 165 × 230 mm build volume helps fit multiple parts efficiently in a single print job and supports next-day part availability[5] at the volumes you need, reducing reliance on outsourcing.



Low cost-per-part

Improve part economics with in-house production, high-reusability material,[6] and efficient workflows helping reduce material waste and support predictable production costs.

Pay for output, not overhead

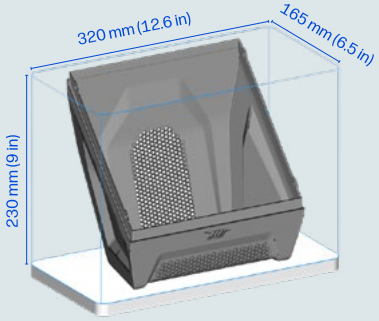
With optional HP 3D as a Service,[7] HP handles material replenishment and bills only for successful builds, helping simplify operation and align costs with production.

Keep sensitive designs under your control

Keep sensitive designs under your control by producing in-house, reducing the need to share files externally during development and production.

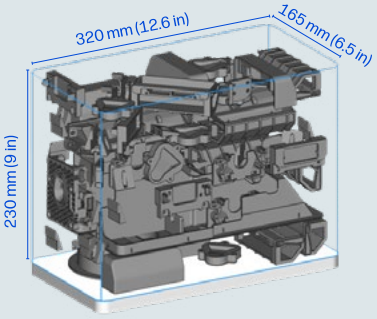
Predictable print times, consistent productivity

Horizontal build geometry and HP MJF's area-based fusing process help keep print times predictable across different part geometries, build configurations, and packing densities.



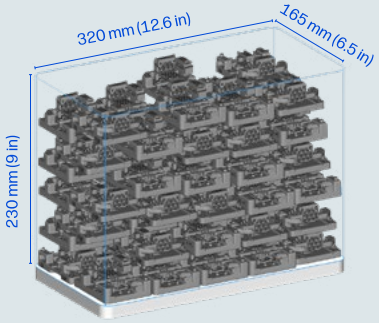
Large parts

Printing time ~ 12 h.



High mix

Printing time ~ 12 h.



Repeat batches

Printing time ~ 12 h.

HP Multi Jet Fusion 1200 3D Printer

PRINTING	Technology	HP Multi Jet Fusion technology
	Effective build volume	320 x 165 x 230 mm (12.6 x 6.5 x 9 in)
	Building speed	1,206 cm³/hr (73.6 in³/hr)
	Layer thickness	0.10 mm (0.0039 in)
	Job processing resolution (x,y)	1200 dpi
	Print resolution (x,y)	1200 dpi
DIMENSIONS (W x D x H)	Printer	1725 x 710 x 1280 mm (67.9 × 28.0 × 50.4 in)
	Shipping	1854 x 765 x 1447 mm (73.0 × 30.1 × 57.0 in)
	Operating area	2037 x 1802 x 1800 mm (80.2 × 70.9 × 70.9 in)
WEIGHT	Printer	250 kg (551 lb)
	NCU	5.4 kg (11.9 lb)
	NCU Shipping	9.8 kg (21.6 lb)
	Shipping	318 kg (701 lb)
NETWORK		Gigabit Ethernet (10/100/1000Base-T), supporting the following standards: TCP/IP, DHCP (IPv4 only), TLS/SSL
PROCESSOR AND MEMORY	Processor	13th Gen Intel(R) Core(TM) i3 (13100E, up to 4.2GHz)
	Memory	24 GB
HARD DISK		250 GB
SOFTWARE	Compatible software	HP 3D Command Center HP 3D Center HP 3D API Magics Print for HP
	Supported file formats	3MF, STL, OBJ, IGES
POWER	Consumption	Peak: 6 kW Average: 3.5kW
	Requirements	2 single phase 200-240V, 16A, 50-60Hz
WARRANTY		One-year limited hardware warranty

For more information on the HP Multi Jet Fusion 3D Printer, visit:
goengineer.com/3d-printing/hp-mjf-1200

Get in touch with an HP 3D Print representative here:

HP Multi Jet Fusion 1200 3D Material Management System (MMS)

FEATURES		Automatic Loading, Mixing, and Unpacking
DIMENSIONS (W x D x H)	MMS	1140 × 640 × 1590 mm (includes hood) (44.9 × 25.2 × 62.6 in)
	Shipping	1230 × 770 × 1200 mm (48.4 × 30.3 × 47.2 in)
	Operating area	1930 × 1750 × 1600 mm (76.0 × 68.9 × 63.0 in)
WEIGHT	Processing station	132 kg (291 lb)
	Shipping	193 kg (426 lb)
POWER	Consumption	Peak: 350W, Average: 100W
	Requirements	1 single phase 200-240V, 4A, 50-60Hz
WARRANTY		One-year limited hardware warranty
ENVIRONMENTAL SPECIFICATIONS	Operating temperature	20–30°C (68–86°F)
	Storage temperature	-25 to 55°C (-13 to 131°F)
	Operating humidity	40-80% (no condensation)
	Storage humidity	< 90% (no condensation)

Ordering information

	Product number	Product
Hardware	B03DJA	HP Multi Jet Fusion 1200 3D Printer
	B03DGA	HP Multi Jet Fusion 1200 3D Natural Cooling Unit
Accessories	B03DHA	HP Multi Jet Fusion 1200 3D Material Management System
	BD3D3A	HP Multi Jet Fusion 1200 3D Material Tank
	E25TQA	HP Multi Jet Fusion 1200 3D Material Recovery Unit
Material	CT8E6A	HP 3D High Reusability PA 12, enabled by Evonik material (10 kg)
Supplies	B59LXA	HP 3D 800 1L Fusing Agent
	B59LYA	HP 3D 800 1L Detailing Agent
	B59LWA	HP 3D 1200 Printhead
	B5RJ2A	HP 3D 1200 Cleaning Roll

1. Based on the cumulative number of parts produced using HP Multi Jet Fusion technology worldwide as of June 2026, according to HP internal reporting.
2. Based on total footprint and system pricing comparison of current HP industrial MJF printers as of May 2026.
3. Watertightness performance may vary for different wall thicknesses or geometries. Results may vary by application.
4. Statements regarding future materials reflect current HP plans and are subject to change without notice. Timing, specifications, compatibility, and availability may vary by country and are not guaranteed.
5. Next-day availability is based on qualifying print jobs using HP 3D High Reusability PA 12 in Standard print mode. Print, cooling, unpacking, cleaning, and finishing times vary according to build height, part geometry, packing density, material, print mode, workflow, and application requirements.
6. Based on HP internal ongoing testing. HP Jet Fusion 3D Printing using HP 3D High Reusability materials has shown up to 90% powder reusability. Materials are aged under industrial platform printing conditions, with powder tracked by generation to reflect worst-case reusability scenarios. Parts from each generation are tested for mechanical properties and dimensional accuracy.
7. HP 3D as a Service availability, pricing, included supplies and services, billing conditions, automatic replenishment, and customer success support vary by country, contract, system configuration, and usage. Charges are subject to the applicable definition of a chargeable build and HP 3DaaS service terms.

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