HP Multi Jet Fusion 1200 3D Printer

Start Fast. Dream Big.



This compact industrial solution delivers the same trusted HP Multi Jet Fusion technology used across HP's Multi Jet Fusion portfolio. With guided workflows, simplified operation, and the flexibility to scale within the HP MJF ecosystem, you can iterate ideas quickly, manage production efficiently, and bring high-quality parts to life fast.

Industrial quality that fits you.

- Proven HP Multi Jet Fusion technology from HP's industrial portfolio in a more accessible system.[1]
- Designed for more workspaces and budgets.
- Create strong, accurate, watertight[2] parts with complex geometries, no support structures needed.
- Built for real-world applications.
- Start with a proven material: HP 3D High Reusability PA 12, enabled by Evonik, and support a wide range of applications today.
- Additional materials planned for the future.[3]

Easy to run. Build to scale.

- Simplified operation with guided workflows and automated loading, mixing, unpacking and material recovery.
- Easy installation.
- Easy material switching.
- Built for long-term growth: start in-house and scale as your needs grow.
- Supported every step of the way with HP's global services.

More output. More control.

- Next-day part availability[4]
- Low cost-per-part with in-house production, high-reusability material[5] and efficient workflows
- Pay for output, not overhead with HP 3D as a Service.[6]
- Keep sensitive designs under control.
- Predictable print times and consistent productivity with MJF's area-based fusing process and horizontal build geometry (320 x 165 x 230 mm / 12.6 x 6.5 x 9 in).

Product Highlights

Technology	HP Multi Jet Fusion technology
Build volume	12 L (3.2 US gal)
Print time	Less than 12 hrs. for a full build
Material	Launching with HP 3D HR PA 12, enabled by Evonik
Software	Magics Print for HP, by Materialise, included with each printer
Material management	Automatic unpack, mixing, and loading through the HP Multi Jet Fusion 1200 3D Material Management System (MMS)
Availability	Early 2027

Properties

The below results are preliminary and were based on internal testing with HP 3D HR PA 12, enabled by Evonik, an 80% refresh ratio, Standard print mode, natural cooling, and measured after bead-blasting with glass beads at 5-6 bars. All HP-recommended printer setup and adjustment processes were followed and printheads were aligned. Results may vary with other jobs and geometries.

	Axis	Average value	Method
Tensile Strength (MPa)	XY	50-54	ASTMD638
	Z	50-54	
Tensile Modulus (MPa)	XY	1800-2200	ASTMD638
	Z	1800-2200	
Elongation at Break (%)	XY	11-18	ASTMD638
	Z	7-10	

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

For more information on the HP Multi Jet Fusion 3D Printer, visit: hp.com/MJF1200

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

1. Based on total footprint and system pricing comparison of current HP industrial MJF printers as of May 2026.
2. Watertightness performance may vary for different wall thicknesses or geometries.
3. 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.
4. 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.
5. 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.
6. 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. HP 3DaaS is planned for Q 3 2027. Timing is subject to change and availability may vary by market.

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