






# Specifications to help you choose



Find the best HP 3D Printing Solution that addresses your needs, all the way from adoption to scale.

	Polymers				Metals
	Adopt	Grow		Scale	
	HP Jet Fusion 5000 3D Printer	HP Jet Fusion 5200 Series 3D Printing Solution	HP Jet Fusion 5400 Series 3D Printing Solution	HP Jet Fusion 5600 Series 3D Printing Solution	Metal Jet S100 Printing Solution
					
Printing volumes	Industrial prototyping and final part production environments producing up to 2 build per week (up to 200 parts per week)	Final parts production environments producing over 200 parts per week <sup>1</sup>	Final parts production environments producing over 550 parts per week <sup>2</sup>	Final parts production environments producing over 550 parts per week <sup>3</sup>	Ideal for OEMs and component suppliers that want to efficiently 3D print quality metal parts at scale
Upgrade path	HP Jet Fusion 5200 3D Series Printing Solution	HP Jet Fusion 5400 3D Series Printing Solution HP Jet Fusion 5600 3D Series Printing Solution	HP Jet Fusion 5420W 3D Printing Solution HP Jet Fusion 5420W Pro 3D Printing Solution	HP Jet Fusion 5620 3D Printing Solution HP Jet Fusion 5620 Pro 3D Printing Solution	—
Capability to print in	Grey		White	Grey	Metallic
Current material breadth	HP 3D HR PA 12, enabled by Evonik	HP 3D HR PA 11 HP 3D HR PA 12 S, enabled by Arkema HP 3D HR PA 12, enabled by Evonik HP 3D HR PA 12 GB HP 3D HR PP, enabled by BASF BASF Ultrasint® TPU01 ESTANE® 3D TPU M88A	HP 3D HR PA 12 W	HP 3D HR PA 12, enabled by Evonik HP 3D HR PA 12, enabled by Arkema <sup>12</sup> HP 3D HR PA 11 <sup>13</sup> BASF Ultrasint® TPU01 <sup>12</sup>	HP Metal Jet SS 316L HP Metal Jet SS 17-4PH
Effective building volume (X, Y, Z)	380 x 284 x 250mm (15 x 11.2 x 9.9 in)	380 x 284 x 380 mm (15 x 11.2 x 15 in)		430 x 309 x 140 mm (16.9 x 12.1 x 5.5 in) <sup>4</sup>	
Recommended HP 3D Solution Services <sup>5,6,7</sup>	3DaaS only	HP 3D Production Care (next business day on-site response time)	HP 3D Shared Care (HP 3D Proactive Remote Service and next business day on-site response time)		HP Metal Jet Installation and Onboarding Services HP Metal Jet Maintenance Services HP Metal Jet Professional Services
Software	HP 3D Center® / HP 3D Build Manager / HP 3D Command Center	HP 3D API <sup>9</sup> / HP 3D Center® / HP 3D Build Manager / HP 3D Command Center			HP 3D Digital Sintering / HP 3D Process Development / HP 3D Build Manager / HP 3D Command Center / HP 3D Center
HP 3D Process Development Package compatibility <sup>10</sup>	✗	✗	✗	✓	✓
HP Jet Fusion 3D Automation Accessory compatibility <sup>11</sup>	✗	✓	✓	✓	—
Material handling workflow <sup>10</sup>	Manual Powder Handling, HP Jet Fusion 5200 3D Processing Station upgrade possible	HP Jet Fusion 5200 3D Processing Station HP Jet Fusion 3D Powder Handling Automation Solution	HP Jet Fusion 5200 3D Processing Station	HP Jet Fusion 5200 3D Processing Station, HP Jet Fusion 3D Powder Handling Automation Solution	HP Metal Jet S100 Powder Management Station, HP Metal Jet S100 Powder Removal Station

Learn more at [hp.com/go/3DPrint](https://hp.com/go/3DPrint)

1. The HP Jet Fusion 5200 Series achieves a favorable cost per part versus the HP Jet Fusion 4200 for production volumes of over 200 parts per week. Part is 30 cm<sup>3</sup> part at a 10% packing density using HP 3D High Reusability PA 12 material, and up to 80% powder reusability ratio. Assuming 5 years of depreciation, 292 working days per year and assuming one printer, one processing station, and two build units for both HP Jet Fusion 4200 and HP Jet Fusion 5200 3D Printing Solutions.
2. The HP Jet Fusion 5400 Series Printing Solution achieves a favourable cost per part versus the HP Jet Fusion 4200 for production volumes of over 200 parts per week. Part is 30 cm<sup>3</sup> part at 8% packing density using HP 3D High Reusability PA 12 W material, and up to 75% powder reusability ratio. Assuming 5 years of depreciation, 292 working days per year and assuming one printer, one processing station, and two build units for both HP Jet Fusion 4200 and HP Jet Fusion 5400 Series 3D Printing Solutions.
3. The HP Jet Fusion 5600 Series achieves a favorable cost per part versus the HP Jet Fusion 5200 for production volumes of over 200 parts per week. Part is 30 cm<sup>3</sup> part at a 10% packing density using HP 3D High Reusability material, and recommended powder reusability ratios. Assuming 5 years of depreciation, 292 working days per year and assuming one printer, one processing station, and two build units for both HP Jet Fusion 5200 and HP Jet Fusion 5600 3D Printing Solutions.
4. In the case of a layer thickness of 50 microns, actual build speed is affected by build depth, materials, and processing parameter settings.
5. Each service offered during local standard HP business hours on normal business days, excluding local HP holidays; availability may vary based on location. Coverage window includes remote and on-site diagnoses, which may affect on-site response time.
6. Available in most countries, subject to Terms & Conditions of HP Limited Warranty and/or Service Agreement. Please consult your local sales representative for further details.
7. Service level agreement can be customized. For more information contact your local sales representative.
8. Compatible software, service and/or solution.
9. HP 3D API Core available for the HP Metal Jet S100 Printing Solution and for HP Jet Fusion 3D Printing Solutions. HP 3D API Advanced only available for the HP Metal Jet S100 Printing Solution.
10. Compatible software, service and/or solution. Additional purchase required.
11. Compatible with HP 3D HR PA 12, enabled by Evonik, HP 3D HR PA 12 S, enabled by Arkema, HP 3D HR PA 12 W, HP 3D HR PA 11, and HP 3D HR PP, enabled by BASF.
12. Available in Spring 2024.
13. Available in Spring 2025.

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