HP 3D Printing Automation

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Achieve a whole new level of productivity for at-scale production-via reduced manual labor and increased operational efficiency. This is the time to experience a more predictable, controlled, and automated HP Multi Jet Fusion production solution.



HP Jet Fusion 3D Automation Accessory[1]

Enable the automatic exchange of Build Units for two consecutive builds[2] with the HP Jet Fusion 3D Automation Accessory. Reduce manual labor, minimize idle time and accelerate time-to-part.

HP Jet Fusion 3D Automation Accessory

Increase productivity

- Expand production to include nightshifts or weekends and repurpose and reduce manual labor associated with printing.
- Automation-ready for further integration into factory configurations with AMRs[3].

Avoid labor costs

- Optimize production using HP Multi Jet Fusion technology – build more parts without adding labor resources.
- Minimize idle time and reduce the manual labor associated with printing[4].

Technical specifications

FEATURES	Automatic exchange of two Build Units between two printing cycles	
PRODUCT PERFORMANCE	Process time	less than 3 minutes
PRODUCT COMPATIBILITY	HP Jet Fusion 5200 Series 3D Printing Solutions HP Jet Fusion 5400 Series 3D Printing Solutions HP Jet Fusion 5600 Series 3D Printing Solutions	
MATERIAL COMPATIBILITY	HP 3D High Reusability PA12, enabled by Evonik HP 3D High Reusability PA12 S, enabled by Arkema HP 3D High Reusability PA12 FR, enabled by Evonik HP 3D High Reusability PA11 HP 3D High Reusability PP HP 3D High Reusability PA12 W	
DIMENSIONS (W X D X H)	Shipping	1200 x 1580 x 1050 mm (47.2 x 62.2 x 41.3 in)
	Printer with Automation Accessory installed	2560 x 1908 x 1804 mm (100.8 x 75.1 x 71.0 in)
	Operating area	4050 x 4340 x 2500 mm (159.4 x 170.9 x 98.4 in)
WEIGHT	Automatic Accessory	262 Kg (578 lb)
	Shipping	311 kg (686 lb)
POWER	No additional requirements as the HP Jet Fusion 3D Automation Accessory is connected to the HP Jet Fusion 5200/5400/5600 Series printing solutions	
COMPRESSED AIR REQUIREMENTS	Minimum air pressure	6.5 bar
	Minimum air flow	30 liters per minute
CERTIFICATIONS AND STATEMENT	Safety	EU (LVD and MD Compliant, EN 62368-1, EN 60204-1, EN ISO 12100, EN 1010), USA (UL listed)
	Electromagnetic	EU (EMC Directive Compliant with Class A requirements), USA (FCC rules), Canada (ICES), Korea (KCC)

ENVIRONMENTAL RANGES	Operating temperature	20-30°C (68-86°F)
	Operating humidity	40-80% without condensation 50-70% is extremely recommended for good operating conditions with PA 12
NETWORK	No additional requirements as the HP Jet Fusion 3D Automation Accessory is connected to the HP Jet Fusion 5200/5400/5600 Series printing solutions	
WARRANTY & SERVICE COVERAGE INCLUDED	One- year limited hardware warranty	

Ordering information

DEVICE	815Z7A	HP Jet Fusion 3D Automation Accessory
ACCESSORIES	830G2A	HP Jet Fusion 3D Automation Build Unit Upgrade Kit
SERVICES	U67MKE	HP Installation Service for Jet Fusion 3D Automation Accessory
	U67MMPE	HP 1 year Post-Warranty Next Business Day Onsite Hardware Support w/Production Care for JF Automation Accessory
	U67MNE	HP Jet Fusion 3D Automation Accessory Build Unit Upgrade Service

LEAP AWARDS Winner

Learn more about HP Jet Fusion 3D Automation Accesory at: hp.com/JetFusion5600

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: bechtle-am.com

1. Compatible with the HP Jet Fusion 5200/5400/5600 Series 3D Printing Solution and the following materials: HP 3D High Reusability PA12, enabled by Evonik | HP 3D High Reusability PA12 S, enabled by Arkema | HP 3D High Reusability PA12 FR, enabled by Evonik | HP 3D High Reusability PA11 | HP 3D High Reusability PP | HP 3D High Reusability PA12 W.
2. HP Jet Fusion 3D Automation Accessory enables two consecutive jobs without the need for human intervention, therefore it enables production into night shifts or weekends without manual labor.
3. Not included, sold separately.
4. Compared to the HP Jet Fusion 5200/5400/5600 Series 3D Printing Solutions without HP Jet Fusion 3D Automation Accessory, as of April 2023. Total time savings depends on the build height, part geometry, packing density, and manual time to perform workflow which are optimized up to one full hour, printing two consecutive jobs without labor intervention.

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