UltiMaker 3D printers Comparison sheet









UltiMaker S3
Professionalize your desktop 3D printing workflow.

UltiMaker S5

Reliable, versatile desktop 3D printing - at scale.

Achieve a new level of print success.

Unlock true 24/7 3D printing with automatic material handling and storage.

Product overview

The UltiMaker S3 is as easy to use as it is powerful, offering the most cost-effective way for disruptive businesses to adopt in-house 3D printing

The UltiMaker S5 is a 3D printing workhorse for larger parts and bigger batch production with the widest choice of materials.

Packed with our latest tech, the UltiMaker S7 takes the huge material selection of the S5 and adds increased reliability and usability.

The UltiMaker S7 Pro Bundle offers best-in-class reliability and usability with the freedom to run your printer unattended day and night with automatic material switching.

Applications

Concept models, visual and functional prototypes.

Concept models, visual and functional prototypes, manufacturing aids.

Concept models, visual and functional prototypes, manufacturing aids.

Concept models, visual and functional prototypes, manufacturing aids.

Key features

- ✓ Network connectivity
- Advanced active leveling
- ✓ Material flow sensor
- ✓ Wide material selection
- ✓ Network connectivity
- Advanced active leveling
- Material flow sensor
- Wide material selection
- ✓ Network connectivity
- Inductive sensor bed leveling
- ✓ Material flow sensor
- Wide material selection
- ✓ PEI-coated flexible build plate ✓
- ✓ Filters up to 95% of UFPs
- ✓ Network connectivity
- Inductive sensor bed leveling
- ✓ Material flow sensor
- Wide material selection
- PEI-coated flexible build plate
- ✓ Filters up to 95% of UFPs
- ✓ Automatic material switching



UltiMaker











	UltiMaker S3	UltiMaker S5	UltiMaker S7	UltiMaker S7 Pro Bundle
Heated build plate	\checkmark	✓	✓	✓
Open filament system	\checkmark	\checkmark	\checkmark	✓
Network connectivity	\checkmark	\checkmark	\	\checkmark
UltiMaker Digital Factory	\checkmark	\checkmark	~	\checkmark
Touchscreen	\checkmark	\checkmark	✓	\checkmark
Dual extrusion	\checkmark	\checkmark	✓	✓
Swappable print cores	\checkmark	\checkmark	\checkmark	✓
NFC material recognition	\checkmark	\checkmark	~	\checkmark
Filament run out sensor	\checkmark	\checkmark	~	✓
Composite materials¹	\checkmark	\checkmark	✓	\checkmark
Advanced active leveling	\checkmark	\checkmark	✓	\checkmark
Internal print-monitoring camera ²	\checkmark	✓	\checkmark	\checkmark
Compatible with Metal Expansion Kit ³	✓	\checkmark	\checkmark	✓
Larger build volume		\checkmark	\checkmark	✓
JFP filtering⁴			~	\checkmark
Inductive sensor-aided active bed leveling			\checkmark	\checkmark
PEI coated flexible build plate			\checkmark	\checkmark
Print head anti-flood sensor			<u> </u>	<u> </u>
Bed tilt compensation			\	\
Easy material loading				\checkmark
Filament humidity control				✓
Automatic material switching				✓

¹ Requires print core CC (sold separately)

² Only the S7 has a high-def print monitoring camera. S3 and S5 use standard definition cameras

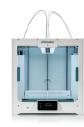
³ Metal materials are not compatible with the UltiMaker Material Station

⁴ Filters up to 95% of UFPs (ultrafine particles)



Material compatibility









UltiMaker S3

· UltiMaker build and support materials

- Any compatible third-party material
- Metal printing with the Metal Expansion Kit
- Plus, access material profiles from leading brands via the UltiMaker Marketplace

UltiMaker S5

- · UltiMaker build and support materials
- Any compatible third-party material
- Metal printing with the Metal Expansion Kit
- Plus, access material profiles from leading brands via the UltiMaker Marketplace

UltiMaker S7

- · UltiMaker build and support materials
- Any compatible third-party material
- Metal printing with the Metal Expansion Kit
- Plus, access material profiles from leading brands via the UltiMaker Marketplace

UltiMaker S7 Pro Bundle

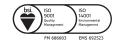
- · UltiMaker build and support materials
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Software

Learning

Our 3D printers come with an UltiMaker Essentials software plan, so you can prepare prints and manage printers via the cloud while also getting direct software support when you need it. Add more features and support with an UltiMaker Professional or Excellence subscription.

UltiMaker Essentials gives access to our 3D Printing Academy. Onboard and upskill engineers, operators, and IT admins with tailored e-learning courses by our experts. Unlock advanced course levels with an UltiMaker Professional or Excellence subscription.



Request a quote today at ultimaker.com/quote/request