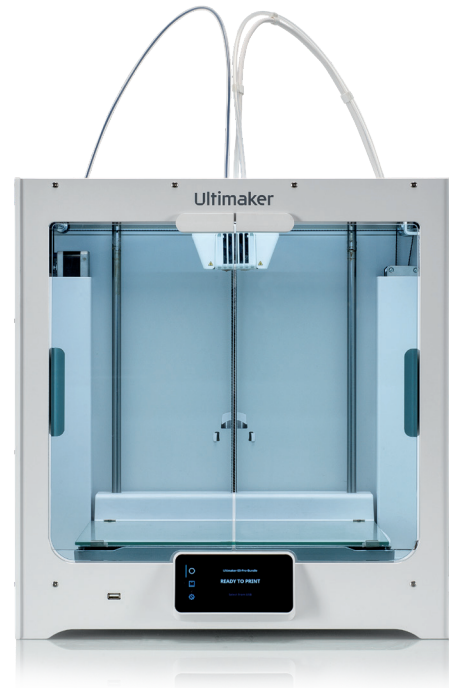


UltiMaker S5

Product data sheet



Enhanced reliability

Trust the UltiMaker S5 to do its job while you do yours. Its advanced active bed leveling ensures a perfect first layer, glass doors control the airflow, and dual filament flow sensors will pause your print and notify you if you run out of material.

Open and connected system

With the UltiMaker S5, you are not only getting a market-leading 3D printer – you gain access to the UltiMaker platform. Access all the tools you need to start 3D printing – increased security, workflow management, and knowledge. UltiMaker brings it to your door, with features including a Digital Library for easy storage and sharing of your part files, an IT knowledge base, and e-learning courses.

- ✓ **Hassle-free experience:** Seamless integration with the UltiMaker platform of software, materials, and printers
- ✓ **Large build volume:** Scale up with bigger parts or batch production
- ✓ **Touchscreen control:** Effortless operation via an award-winning user interface
- ✓ **Advanced active leveling:** Reliable first-layer adhesion, enables unattended use without manual leveling
- ✓ **Wide material choice:** Use almost any material with our open filament system, including composites
- ✓ **Easy setup and monitoring:** Start printing quickly with a simple first-time user experience. Including NFC material recognition and an internal camera
- ✓ **Minimal training required:** Anyone can print after a 30-minute introduction

The UltiMaker platform



3D printers that simply work

Our award-winning 3D printers are robust, reliable, and easy to use. They deliver quality parts time and again. Designed and tested to run 24/7, they allow you to achieve the results you need more quickly and easily.



Software for Industry 4.0

Trusted by millions of users across 14 languages, UltiMaker Cura integrates with any workflow through UltiMaker Marketplace plugins. Scale production and digital distribution with UltiMaker Digital Factory.



Massive material selection

The UltiMaker S series offers the widest material choice on the market. Through our Material Alliance, choose the perfect filament for your application – from advanced polymers to carbon fiber composites.



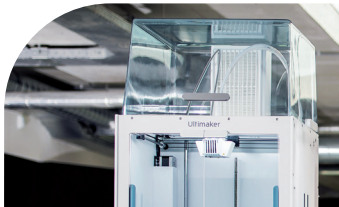
Success-oriented support

Wherever you are in the world, UltiMaker support is close by. Our global network of service partners offer professional installation, training, and maintenance in your language and time zone.

UltiMaker S5 specifications

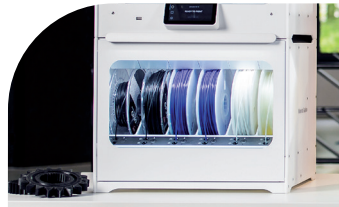
Technology	Fused deposition modeling (FDM)
Print head	Dual-extrusion print head with a unique auto-nozzle lifting system and swappable print cores
Build volume (XYZ)	W 30 x D 240 x H 300 mm (W 13 x D 9.4 x H 11.8 in)
Layer resolution	0.25 mm nozzle: 150 - 60 micron 0.4 mm nozzle: 200 - 20 micron 0.6 mm nozzle: 300 - 20 micron 0.8 mm nozzle: 600 - 20 micron
XYZ resolution	6.9, 6.9, 2.5 micron
Build speed	< 24 mm ³ /s
Build plate	Heated glass build plate (20 - 140 °C)
Nozzle diameter	0.4 mm (included) 0.25 mm, 0.6 mm, 0.8 mm (sold separately)
Filament diameter	2.85 mm
Operating sound	< 50 dBA
Connectivity	Wi-Fi (2.4GHz), LAN, USB port
Dimensions (with spool holder)	W 495 x D 585 x H 780 mm (W 19.5 x D 23 x H 30.7 in)
Net weight	20.6 kg (45.4 lbs)
Free supplied software	UltiMaker Personal (for individuals) UltiMaker Essentials (for organizations) Find our full range of enterprise plans at ultimaker.com/software
Supported OS	MacOS, Windows, and Linux
Warranty period	12 months

Compatible accessories



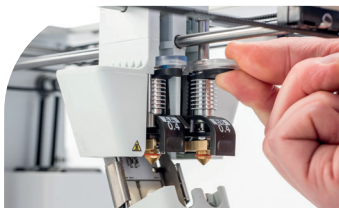
Air Manager

EPA filter removes up to 95% of UFPs



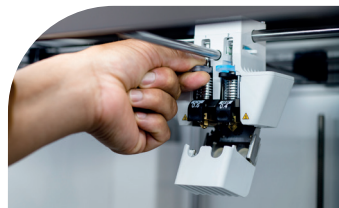
Material Station

Simplify and automate material handling



Print cores AA and BB

Quick-swap nozzles for build and water-soluble support materials



Print core CC

Hardened steel nozzle for printing abrasive glass and carbon fiber composites. Available in 0.4 and 0.6 mm

Compatible materials

Easy to print

- UltiMaker PLA
- UltiMaker Tough PLA
- UltiMaker PETG

Mechanical strength

- UltiMaker ABS
- UltiMaker PC
- UltiMaker CPE

Flexibility

- UltiMaker TPU 95A
- DuPont™ Hytrel® 3D4100FL

Support

- UltiMaker PVA
- UltiMaker Breakaway
- AquaSys® 120

Reinforced composites

- BASF Forward AM XSTRAND GF30-PA6
- Covestro Addigy® F1030 FR

Heat resistance

- UltiMaker CPE+
- Lehigh LUVOCOM 3F PAHT® 9825 NT
- Lehigh LUVOCOM 3F PAHT® 9826 NT



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