

UltiMaker S3

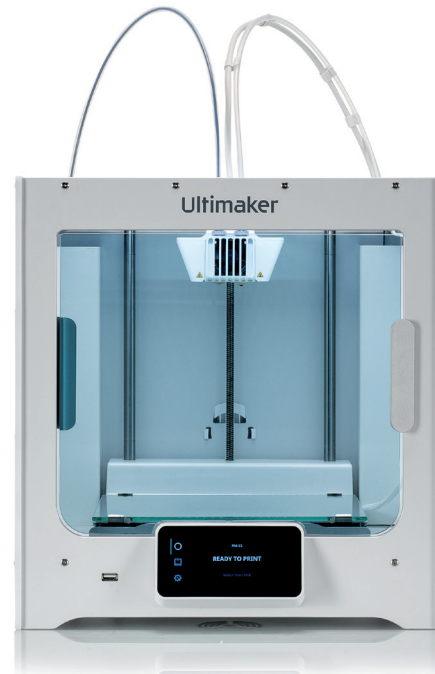
Product data sheet

Enhanced reliability

The UltiMaker S3 features next-generation reliability. Its advanced active leveling, stiffer build platform, heated build plate, and more accurate stepper drivers result in high print quality for a machine in this form factor. And dual filament flow sensors notify you if you run out of material.

In-house production made easy

The UltiMaker S3 was designed so that anyone can achieve high-quality results after a 30-minute introduction. Its award-winning touch interface, advanced active leveling, predefined print settings, and UltiMaker Platform access, facilitate 3D printing as part of any workflow.



- ✓ **Low ownership cost:** Affordable entry to professional 3D printing, making ROI easy and fast to achieve
- ✓ **Wide material choice:** Use almost any material with our open filament system, including composites
- ✓ **Hassle-free experience:** Seamless integration with the UltiMaker platform of software, materials, and printers
- ✓ **Touchscreen:** Effortless operation via an award-winning user interface
- ✓ **Advanced active leveling:** Reliable first-layer adhesion enables unattended use
- ✓ **Flow sensor:** Stay informed when filament has run out so you can complete your print successfully
- ✓ **Front enclosure:** Improved printing environment for better print results
- ✓ **Easy setup:** Start 3D printing in 30 minutes

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.



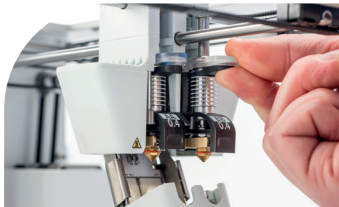
Success-oriented support

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 S3 specifications

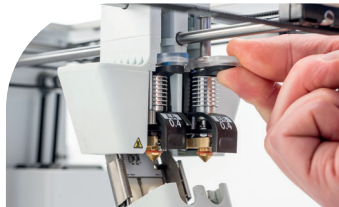
| | |
|---------------------------------------|--|
| Technology | Fused deposition modeling (FDM) |
| Print head | Dual-extrusion print head with a unique auto-nozzle lifting system and swappable print cores |
| Build volume (XYZ) | 230 x 190 x 200 mm (9 x 7.4 x 7.9) |
| Layer resolution | 0.25 mm nozzle: 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 394 x D 489 x H 637 mm (W 15.5 x D 19.3 x H 25.1 in) |
| Net weight | 14.4 kg (31.7 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



Print core AA

0.25, 0.4, 0.8 mm Quick-swap nozzles minimize downtime



Print core BB

Quick-swap nozzles for water-soluble support materials. Available in 0.4 and 0.8 mm



Print core CC

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



PVA Removal Station

Remove water-soluble PVA support material up to 4X faster

Compatible materials

Easy to print

- UltiMaker PLA
- UltiMaker Tough PLA
- UltiMaker PETG

Mechanical strength

- UltiMaker ABS
- UltiMaker PC
- UltiMaker CPE

Heat resistance

- UltiMaker CPE+
- Lehvoss LUVOCOM 3F PAHT® 9825 NT

Reinforced composites

- BASF Forward AM XSTRAND GF30-PA6

Flexibility

- UltiMaker TPU 95A

Support

- UltiMaker PVA
- UltiMaker Breakaway
- AquaSys® 120

