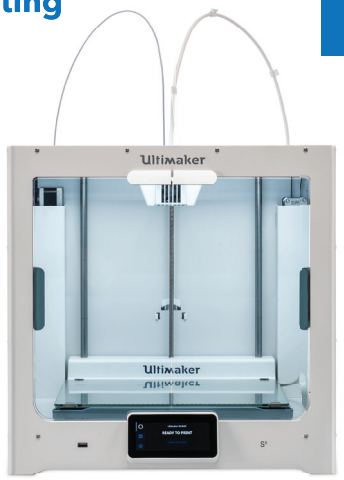
www.cadblu.com

Ultimaker

Power, reliable, versatile 3D printing



Ultimaker S5

Discover the easy-to-use desktop 3D printer with a large build volume that delivers accurate, industrial-grade parts, time and again. With simple setup, high uptime, and reliable dual extrusion, Ultimaker S5 is the complete professional 3D printing solution.

Key Features

- ✓ **Large build volume:** Scale up with bigger parts or batch production
- ✓ **Network connectivity:** Print via Wi-Fi, LAN, cloud or with USB
- ✓ **Touch screen:** Effortless operation via an award-winning user interface
- ✓ **Advance active leveling:** Reliable first-layer adhesion, enables unattended use
- ✓ **Front enclosure:** Improved printing environment for better print results
- ✓ **Flow sensor:** Stay informed when filament runs out to increase print success
- ✓ **Easy set up and monitoring:** With NFC material recognition and internal camera
- ✓ **Composite materials compatible:** Print parts with high strength and unique properties

Reliability at Scale

The **Ultimaker S5** is built to maximize uptime with great print results and a large build volume. It delivers best-in-class technical specifications for desktop 3D printer, plus the performance and peace of mind that comes with using our complete 3D printing solution – one trusted by hundreds of thousand of professionals worldwide. of material.

Open and Connected System

With the **Ultimaker S5** , you are not only getting a market-leading 3D printer. Its open filament system ensures you are never locked in. The online Ultimaker Marketplace gives you free access to material profiles from leading brands. And the software simplifies the 3D printing workflow, from integration with leading CAD platforms to managing your printers via your network or the cloud.

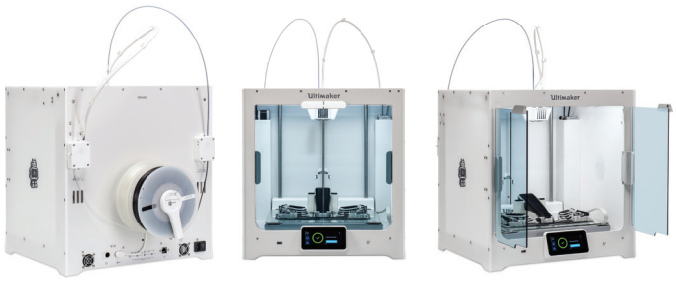
Why choose Ultimaker?

3D printers that simply work

Material choice like never before

Software ready for Industry 4.0

Support dedicated to your success



CAD BLU
The 3D Printing Experts

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Ultimaker S5 Specifications

Printer and printing properties	Technology	Fused deposition modeling (FDM)
	Print head	Dual-extrusion print head with an auto-nozzle lifting system and swappable print cores
	Build volume XYZ:	330 x 240 x 300 mm (13 X 9.4 x 11.8 in)
	Layer resolution	0.25 mm nozzle: 150 - 60 micron 0.4 mm nozzle: 200 - 20 micron 0.8 mm nozzle: 600 - 20 micron
	XYZ accuracy	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, 0.4 mm, 0.8 mm (sold separetely)
	Operating sound	<50 dBA
	Connectivity	Wi-Fi, LAN, USB port
Physical dimensions	Dimensions (with bowden tubes and spool holder)	495 x 585 x 780 mm (19.5 x 23 x 30.7 in)
	Net weight	20.6 kg (45.4 lbs)
Software	Supplied software	Ultimaker Cura, our free print preparation software Ultimaker Connect, our free printer management solution Ultimaker Cloud, enables remote printing
	Supported OS	Windows, MacOS, Linux
Warranty	Warranty Period	12 months

Compatible Materials

Unlock a wide range of applications with complete material choice. Use Ultimaker materials, any third-party filament, or access material profiles from leading brands.

Easy to print and visual quality
Ultimaker PLA
Ultimaker Tough PLA

Mechanical strength
Ultimaker ABS
Ultimaker PC
Ultimaker CPE

Water resistance
Ultimaker Nylon
Ultimaker PP
Igus Iglidur |180-PF

Heat Resistance
Ultimaker CPE +
DMS Artinel ID 2060 HT

Flexibility
Ultimaker TPU 95A
Dupont Hytrel 3D4100FL

Reinforced composites
Owens Corning XTRAND GF30-PA6
DMS Novamid ID1030 CF10

Support
Ultimaker PVA
Ultimaker Breakaway

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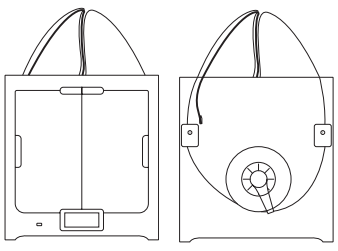
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