



Ultimaker S5 Pro Bundle

Product Data Sheet

Industrial production power on your desktop

The Ultimaker S5 Pro Bundle combines our most powerful 3D printer with its breakthrough Material Station and Air Manager. Together, they simplify your 3D printing workflow with automated material handling, efficient air filtering, and filament humidity control. This open and unique solution gives you the flexibility and confidence to print large, demanding applications with an extended range of materials – with up to 24/7 productivity.

Material handling without the hassle

Spend less time configuring your 3D printer and more time innovating. The Ultimaker S5 Pro Bundle delivers the market's widest range of materials in conditions perfect for 3D printing. No worries about first-layer adhesion, temperatures, or filtering ultrafine particles (UFPs) – every setting is predefined and every print job monitored via our award-winning software tools.

Key features

- ✓ **Large enclosed build chamber:** Safely print bigger parts at consistent temperatures for better results
- ✓ **Advanced active leveling:** Reliable first-layer adhesion, enables unattended use
- ✓ **Award-winning interface:** One touchscreen to control all integrated components
- ✓ **Replaceable EPA filter:** Removes up to 95% of UFPs for air quality peace of mind
- ✓ **Zero-maintenance humidity control:** All spools stored at < 40% relative humidity
- ✓ **Load spools in seconds:** 6 front-facing bays make loading easy (even during a print)
- ✓ **Automatic material switching:** Sensors detect if a spool runs out and loads the next
- ✓ **Easy setup and monitoring:** NFC spool recognition, filter usage tracking, built-in camera
- ✓ **Composite materials compatible:** Print parts with high-strength and unique properties

Why choose Ultimaker?



3D printers that simply work

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



Software ready for Industry 4.0

Trusted by millions of users across 14 languages, Ultimaker Cura integrates with any workflow through Ultimaker Marketplace plugins. Then scale production and digital distribution with Ultimaker Cloud.



Material choice like never before

Ultimaker 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.



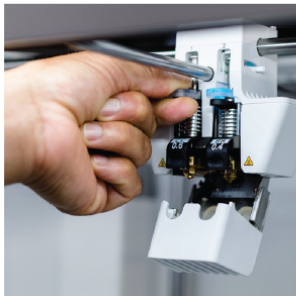
Support dedicated to your success

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

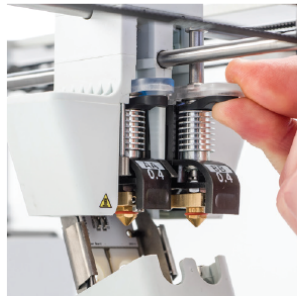
Ultimaker S5 Pro Bundle specifications

Printer and printing properties	Print head	Dual-extrusion print head with a unique auto-nozzle lifting system and swappable print cores	
	Build volume	330 x 240 x 300 mm (13 x 9.4 x 11.8 in)	
	Nozzle diameter	0.4 mm (included) 0.25 mm, 0.6 mm, 0.8 mm (sold separately)	
	Build plate	Heated glass build plate (20 - 140 °C)	
	Feeder type	Dual-gear, abrasion-resistant	
	Spool bays	6 with NFC recognition	
	Compatible spools	Width: 50 - 70 mm (2 - 2.7 in) Diameter: 197 - 203 mm (7.8 - 8 in) Core diameter: > 98 mm (3.8 in)	
	Filter technology	Replaceable EPA filter	
	Filter efficiency	Up to 95% of ultrafine particles	
	Operating sound	< 51 dBA	
	Connectivity	Wi-Fi, LAN, USB port	
	Physical dimensions	Dimensions	495 x 500 x 1197 mm (19.5 x 19.5 x 47.1 inches)
		Net weight	41.9 kg (92.4 lbs)
Software	Supplied software	Ultimaker Cura, our free print preparation software Ultimaker Connect, our free printer management solution Ultimaker Cloud, enables remote printing	
Warranty	Warranty period	12 months	

Compatible accessories



Print core CC
0.6 mm
Ruby-tipped for printing abrasive glass and carbon fiber composites



Print core AA and BB
0.25, 0.4, 0.8 mm
Quick-swap nozzles for build and water-soluble support materials



Nozzle covers
x10
Keep your print head clean – especially when printing composites



Cleaning filament
x10
Ideal for keeping your Ultimaker print cores in optimal condition

Compatible materials

Unlock a wide range of applications with complete material choice. Use Ultimaker materials, any 2.85 mm third-party filament, or access material profiles from leading brands. Choose from these materials and more.

Easy to print and visual quality

- Ultimaker PLA
- Ultimaker Tough PLA

Mechanical strength

- Ultimaker ABS
- Clariant PLA-HI-GF10

High stiffness

- Ultimaker PC
- BASF PET CF15

Wear resistance

- Ultimaker Nylon
- Ultimaker PP
- Iglas Iglidur® I180-PF

Heat resistance

- Ultimaker CPE+
- DSM Arnitel® ID 2060 HT

Chemical resistance

- Ultimaker CPE
- Arkema FluorX™ Filament

Flexibility

- Ultimaker TPU 95A
- DSM Arnitel® ID 2045

Reinforced composites

- Owens Corning XSTRAND™ GF30-PA6
- Lehvoss LUVOCOM® 3F PAHT CF 9742 BK

ESD safe

- Clariant ESD safe PET-G
- Kimya ABS ESD Natural

Support

- Ultimaker PVA
- Ultimaker Breakaway



For more information or detailed product specifications, please call or visit us at
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Ultimaker