



# 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.



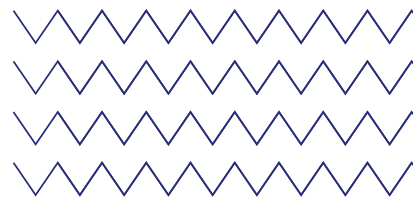
#### Material choice like never before

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

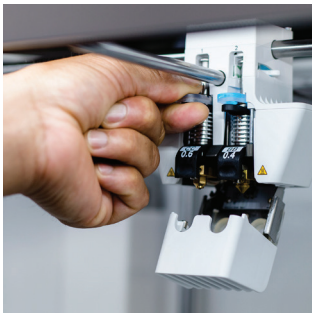
Wherever you are in the world, Ultimaker support is close by. Our global network of service partners offers professional installation, training, and maintenance in your language and time zone.



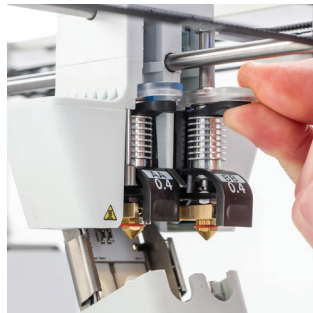
## Ultimaker S5 Pro Bundle specifications

<b>Printer and printing properties</b>	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	
<b>Physical dimensions</b>	Dimensions	495 x 500 x 1197 mm (19.5 x 19.5 x 47.1 inches)
	Net weight	41.9 kg (92.4 lbs)
<b>Software</b>	Supplied software	Ultimaker Cura, our free print preparation software Ultimaker Connect, our free printer management solution Ultimaker Cloud, enables remote printing
	Warranty	Warranty period

## 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

### Chemical resistance

- Ultimaker CPE
- Arkema FluorX™ Filament

### Mechanical strength

- Ultimaker ABS
- Clariant PLA-HI-GF10

### Flexibility

- Ultimaker TPU 95A
- DSM Arnitel® ID 2045

### High stiffness

- Ultimaker PC
- BASF PET CF15

### Reinforced composites

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

### Wear resistance

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

### ESD safe

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

### Heat resistance

- Ultimaker CPE+
- DSM Arnitel® ID 2060 HT

### Support

- Ultimaker PVA
- Ultimaker Breakaway



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**Ultimaker**