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.

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

The Power Behind the S5 Pro Bundle

Ultimaker S5

Best-in-class desktop printer specs meets the ease-of-use that comes with a complete 3D printing solution trusted by hundreds of thousands of professionals worldwide.

Air Manager

The Ultimaker S5 Air Manager ensures a safer working environment with even more materials. Its closed, inside-out airflow catches, traps, or diffuses up to 95% of UFPs.
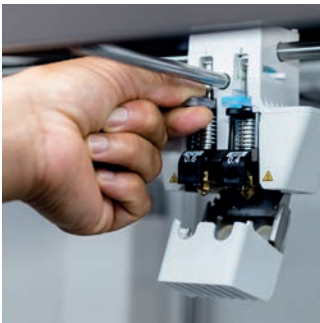
Material Station

The Ultimaker S5 Material Station redefines material handling. No more DIY dry boxes, less time spent operating the printer. Just unrivaled desktop production efficiency.
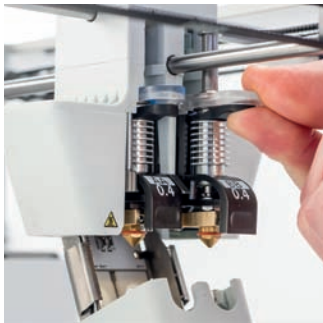
Ultimaker S5 Pro Bundle specifications

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 seperately)
	Build plate	Heated glass build plate (20 - 140 °C)
	Feeder type	Dual-geared, 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
• Igus 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

bsi. ISO 9001 Quality Management — ISO 14001 Environmental Management
FM 686003   EMS 692523

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