



UltiMaker Factor 4

An end-to-end application solution, UltiMaker Factor 4 is tailored for the development, production, and full-confidence deployment of tools and machine components. Factor 4 keeps operations running, simplifying processes, and reducing human-triggered variabilities. It streamlines factory floor operations with its large effective build volume, direct dual material extrusion, and onboard print process reporting to achieve unrivaled predictability and minimal variance.



UltiMaker S8

A desktop FFF 3D printer, the UltiMaker S8 achieves up to 4x the productivity of its predecessor (S7), while also improving print quality. Made possible with the new motion planner UltiMaker Cheetah, new high flow print cores, and an improved feeder. Combining industry-leading dual extrusion printing with an open material platform, allows you to create parts in a fraction of the time.

UltiMaker Factor 4 specifications

Print Technology	Fused Filament Fabrication (FFF / FDM)
Extruder(s)	Dual-extrusion, direct drive print head with unique auto-nozzle lifting system and swappable print cores
Nozzle diameter	<ul style="list-style-type: none">• Print core AA (0.25 mm, 0.4 mm, 0.8 mm)• Print core BB (0.4 mm, 0.8 mm)• Print core CC (0.4 mm, 0.6 mm)• Print core HT (0.6 mm)
Supported filament(s)	2.85mm diameter Optimised for: PLA, Tough PLA, Nylon, ABS, CPE, CPE+, PC, PETG, PETCF, TPU 95A, PP, PVA, Breakaway Range of third-party and metal materials also available
Maximum Build Size	330mm (w) x 240mm (d) x 300mm (h)
UltiMaker Factor 4 dimensions	695mm x 605mm x 1287mm (h)
Micro-particulate filtration system	HEPA H13
Close loop fans	Air filtering fan, air recirculation fans, print cooling fans
XYZ accuracy	6.25, 7.8, 2.5 micron
Build plate	PEI coated flexible build plate, up to 120°C
Weight	120 kg

UltiMaker S8 specifications

Print Technology	Fused Filament Fabrication (FFF / FDM)
Extruder(s)	Dual-extrusion print head with a unique auto nozzle-lifting system, flood detection and inductive probing
Nozzle diameter	<ul style="list-style-type: none">• AA+ 0.4, CC+ 0.4 print cores• BB 0.4 and DD 0.4
Supported filament(s)	2.85mm diameter Optimised for: PLA, Tough PLA, Nylon, Nylon CF Slide, ABS, CPE, CPE+, PC, PETG, PETCF, TPU 95A, PP, PVA, Breakaway Range of third-party and metal materials also available
Maximum Build Size	330mm (w) x 240mm (d) x 300mm (h)
UltiMaker S8 dimensions	495mm x 585mm x 800.5mm (h)
Feeder type	Dual gripper feeder with tension adjustment, release functionality and filament feed-rate control
Close loop fans	Air filtering fan, air recirculation fans, print cooling fans
Layer resolution	60 - 300 microns
Build plate	PEI coated flexible build plate, up to 120°C
Weight	30 kg