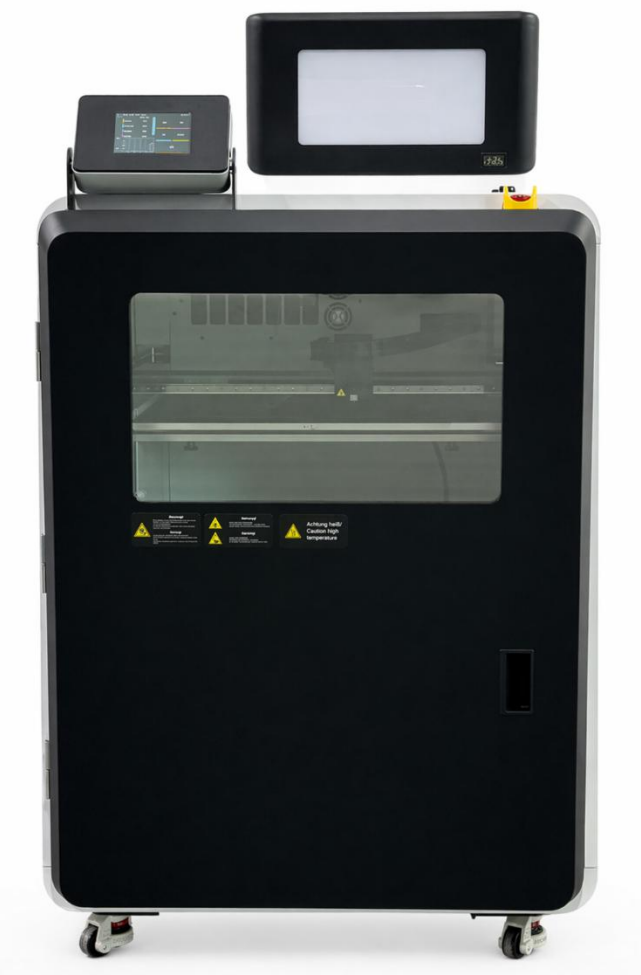

VX+ ENCLOSED LARGE FORMAT 3D PRINTER

Advanced Materials. Precision Motion. Production-Ready Performance.

The VX+ is a fully enclosed large-format 3D printer designed for reliable production of engineering-grade parts. Its actively heated, insulated chamber enables consistent printing of high-performance materials like nylon, composites, and high-temp polymers. A 450°C hotend and controlled thermal environment ensure strong layer adhesion and reduced warping on demanding geometries. The integrated filament drying cabinet maintains optimal material condition, critical for hygroscopic filaments such as PA and PETG-CF. With a 600 × 500 × 600 mm build volume, it supports large components or batch production in a single run. Designed for production environments, the VX+ balances size, material capability, and process control in a single system.

Call or email us today to learn more about the VX+, other machines, and our services!

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CoreXY Motion + Klipper
High-speed, tunable motion with input shaping and real-time optimization

Water-Cooled Hotend
Stable extrusion during extended high-temperature prints up to 450°C

Integrated Filament Dryer
Built-in drying chamber at 70°C for nylon, composites, and hygroscopic materials

Enclosed Heated Chamber
Active thermal management up to 70°C for warp-sensitive engineering polymers

HEPA H13 Air Filtration
Workplace safety and clean-air printing for high-performance materials

Industrial HIWIN Rails
Precision and durability across the full 600 mm motion envelope

600 × 500 × 600 mm	500 mm/s	450°C
BUILD VOLUME	MAX PRINT SPEED	MAX NOZZLE TEMP

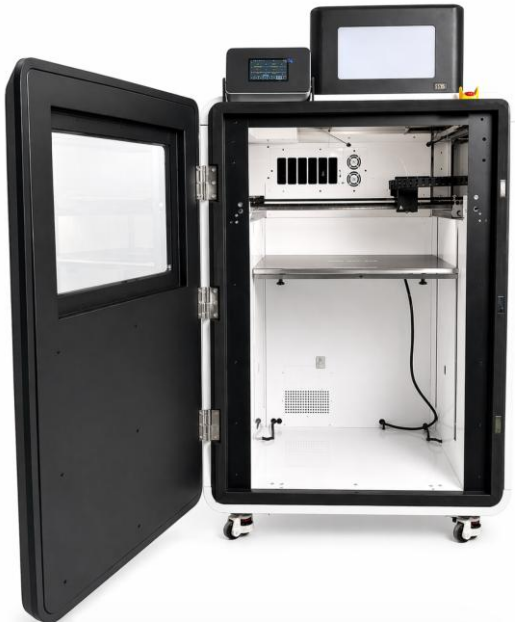
FULL TECHNICAL SPECIFICATIONS

CORE SYSTEM

Build Volume	600 × 500 × 600 mm
Print Technology	FDM (Fused Deposition Modeling)
Motion System	CoreXY
Extrusion System	Direct Drive
Machine Dimensions	950 × 935 × 1620 mm
Power Input	110V / 220V, up to 3200W
Print Accuracy	±100 microns
Layer Height	0.1–0.3 mm (variable)

MOTION & CONTROL

Firmware	Klipper (open-source, real-time)
Guide System	HIWIN Industrial Linear Rails
Leveling System	Automatic Bed Leveling
Speed Optimization	Input shaping / motion tuning
Max Print Speed	Up to 500 mm/s



THERMAL & MATERIALS

Max Nozzle Temperature	Up to 450°C
Heated Bed Temperature	Up to 120°C
Chamber Temperature	Up to 70°C
Filament Drying	Built-in dryer (up to 70°C)
Cooling System	Integrated water-cooled hotend
Filament Capacity	2 × 3 kg or 1 × 5 kg spool
Filament Diameter	1.75 mm
Supported Materials	PLA, ABS, ASA, PETG, TPU, PA, PA-CF, PA-GF, PC, PET-GF, PEEK*
Nozzle Sizes	0.2 / 0.4 / 0.6 / 0.8 mm

**-PEEK capability is configuration- and process-dependent*

ENVIRONMENT & USABILITY

Enclosure	Fully enclosed, double-wall insulated
Air Filtration	HEPA H13 system
Build Surface	Double-sided PEI, removable/magnetic
Display	5" TFT Touchscreen (foldable, HD)
Monitoring	Built-in camera
Filament Detection	Run-out sensor
Connectivity	Wi-Fi / USB / Ethernet (RJ45)
File Formats	AMF / STL / OBJ
Slicer Compatibility	OrcaSlicer, Cura, Simplify3D, PrusaSlicer, Slic3r
OS Compatibility	Windows, macOS, Linux