

Pilot450

- Cost-effective ownership throughout entire life cycle.
- Freedom to collaborate and innovate: open design for materials and machine access.
- Printed parts demonstrate excellent sidewall quality and fine detail, contributing to lower post-finishing requirements.



Features

- Key components from international top brands.
- Automatic control of surface level and processing parameters.
- CE certification.
- Granite recoater frame for enhanced recoating stability.
- Convenient assembly and disassembly of platform.

Pilot450 Technical Data

Technology Type	Stereolithography (SLA)	Data Interface	.stl
Build Volume	450 × 450 × 400 mm 17.7 × 17.7 × 15.7 in	Network	Ethernet, IEEE802.3, TCP/IP
Accuracy	L < 100 mm: ±0.1 mm L ≥ 100 mm: ±0.1% × L	Electrical Requirements	200-240 VAC, 50/60 Hz, Single Phase
Layer Thickness	0.05 - 0.25 mm	Rated Power	3.0 kVA
Laser	Solid State Triple Frequency Nd: YVO4	Temperature Range	22–26 °C (72–79 °F)
Beam Size	0.08 - 0.12 mm	Relative Humidity	< 40% non-condensing
Wavelength	355 nm	Resin Vat	Replaceable
Scanning Speed	6-10 m/s	Machine Dimensions	1331 × 1370 × 2163 mm 53.24 × 50.79 × 86.52 in
Control Software	UnionTech™ RSCON	Machine Weight	945 kg

* Specifications are subject to change. Consult with your sales representative for confirmation of current offering.



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