

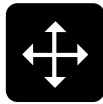
D1200

Large Format Production 3D Printer

- Large build volume
- Multiple hotend options
- Advanced software
- Enclosed chamber
- Built to order



Multiple hotend options



Large build volume



Air filtration & circulation



Compressed air part cooling



Built-in camera



Hotend liquid cooling

EXTRUSION SYSTEM

Multiple hotend options
All-metal hotend and feeder
Extrusion temperature up to 475 °C
Included nozzle: 0.8 mm

BUILD CHAMBER

Enclosed, controlled chamber
Build volume: \varnothing 600 mm x 1000 mm
Round glass printbed
Printbed heating up to 120 °C

SOFTWARE



Device control and management

D1200

Large Format Production 3D Printer

Printer

Technology: Fused Filament Fabrication (FFF)
Build volume (d x h): Ø600 mm x 1000 mm or
Ø350 mm x 1200 mm, cylindric
Motion system: precision linear guideways
Maximum printhead travel speed: 250 mm/s
XYZ accuracy: 6, 6, 5 micron
Ultimate layer resolution: 50 micron
Electronics: 32-bit
Firmware: open-source Repetier-Firmware
Remote monitoring: built-in HD camera
Connectivity: USB 2.0 and Ethernet jacks, Wi-Fi
Automation ready: yes (software interfaces)

Chamber

Build chamber: enclosed
Build chamber door: tempered glass
Build chamber illumination: yes

Build plate

Type: glass plate
Temperature up to 120 °C
Heatup time: 5 min

Power requirements

Installed power: 1500 W

Regulatory compliance

CE, WEEE

Safety

Air filtering: air & active carbon filters
Door safety switch: yes
Overheating protection: yes

Printer size

Dimensions (w x d x h):
880 mm x 844 mm x 2100 mm

Ambient conditions

Operating ambient temperature: 15-35 °C, 10-90 % RH

Software

Supplied software:
Slic3r (slicer)
FabControl® (printing, drying profile management
software)
FabControl® Embedded (device control software)
Supported 3D models file format : .stl, .obj, .3mf
Supported print file format: .gcode (up to 150MB)

AVAILABLE EXTRUSION SYSTEMS for D1200

Pro Direct 1.75

- Up to 300 °C
- Direct Drive
- Fan cooled
- Fan part cooling
- Dual Grip feeder

HT Direct 1.75

- Up to 475 °C
- Direct Drive
- Liquid cooled
- Compressed air part
cooling
- Dual Grip feeder