

# MP1200

## 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

# MP1200

## 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