

3D Printing Solutions For High Performance Materials



MAGIC-HT-L

Build Volume: 310×310×480 mm

Printing Temperature: Up to 450°C

Hot Bed Temperature:: Up to 150°C

Chamber Temperature: Up to 90°C

Extrusion System: Dual Extruder

Majority of the Materials on Market: PEEK, CF-PEEK, PEKK, CF-PEKK, PEI 1010/9085, PPSU, PC, CF-PC, PA, CF-PA, GF-PA, ASA, ABS, CF-ABS,

PETG, HIPS, TPU, PLA, CF-PLA, PVA...

| Item | MAGIC-HT-L | |
|-------------------------|----------------------------|--|
| Printing Size | 310×310×480 mm | |
| (L × B × H) | | |
| Machine Size | 702×542×790 mm | |
| $(L \times B \times H)$ | 702×342×730 Hilli | |
| Packing Size | 762,4622,4050 | |
| $(L \times B \times H)$ | 762×622×950 mm | |
| Net Weight | 76 KG | |
| Gross Weight | 102 KG | |
| Power | 100~250 V, 50~60 Hz 2500 W | |



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| Common | Principle: | Fused Filament Fabrication | |
|----------|-------------------------------------|--|--|
| | Extrusion System: | Dual Extruder | |
| | Filament Diameter: | 1.75 mm | |
| | Position Resolution: | X/Y: 12.5 μm Z: 1.25 μm | |
| | Printing Speed: | 0 - 150 mm/s | |
| | Printing Platform: | Carbon Fiber Plate, Quick Detachable | |
| | Print Bed Temperature: | 150°C | |
| | Heated Bed Materials: | Silicon | |
| | Printing Platform Auto Calibration: | Not Support | |
| | Power Failure Recovery: | Support | |
| | Supporting Materials: | PEEK, CF-PEEK, PEKK, CF-PEKK, PEI 1010/9085, | |
| | | PPSU, PC, CF-PC, PA, CF-PA, GF-PA, ASA, ABS, | |
| | | CF-ABS, PETG, HIPS, TPU, PLA, CF-PLA, PVA | |
| | Layer Thickness: | 0.05 – 0.3 mm | |
| | Nozzle Diameter: | 0.4 mm (Default), 0.6 mm, 0.8 mm, 1.0 mm | |
| | | (Choosable) | |
| | Extruder Temperature: | 450 °C Left Nozzle, 275 °C Right Nozzle | |
| | Connection Control: | Wi-Fi, LAN, SD Card | |
| | Suggest Operating Environment: | 15-30°C, relatively humidity 10-90%, No | |
| | | Moisture Condensation | |
| | Storage Temperature: | -25 - 55 °C, relatively humidity 10-90%, No | |
| | | Moisture Condensation | |
| | Technology Certification: | CE, RoHS | |
| | Air Filter: | Activated Carbon Filters (Choosable) | |
| Software | Supplied Software: | IEMAI 3D EXPERT, Cura, Simplify3D | |
| | Operating System: | Windows 64 Bit | |
| | File Type: | STL, OBJ, 3MF | |
| | Output: | GCODE | |
| | Power Failure Recovery | | |
| | Filament Absent Warning | | |
| Features | Auto-Shut Down System | | |
| | Dual Extruder Modularization | | |
| | Camera Monitoring (Choosable) | | |
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