



# Hephestos 2



Printer without PLA spool	450 x 516 x 571 mm (Static) 605 x 516 x 571 mm (Dynamic)
Printer with PLA spool	450 x 516 x 661 mm (Static) 605 x 516 x 661 mm (Dynamic)
Product + box	~15 Kg



Layer Resolution	
Very high	50 microns
High	100 microns
Medium	200 microns
Low	300 microns
Print speed	
Recommended	50 mm/s
Maximum recommended	80 mm/s
Print area	210 x 297 x 220 mm
More info	
Auto-levelling	
Manual levelling using inductive sensor exclusively designed for 3D printing	
Power-saver system	



Improved user interface	
Marlin-derived firmware	
Recommended software environment	Cura Software   slic3r   Repetier   Kisslicer
Permitted files	.gcode
Compatible OS	Windows XP and later Mac OS X and later Linux

## Contents



Zum Mega 3D  
LCD screen with rotary encoder and push-button navigation  
Power source 220 AC 12 DC 100 W  
100 k thermistor in the Hot-End  
Heater cartridge 40 W 12 V



Frame and base of powder-coated aluminium  
Hard chrome bars for the Y axis  
Lineal ball bearing for the Y axis  
Recirculating ball bearing guides with flat runner for the X and Z axes  
Cable chain  
Flexible couplings for the threaded bars on the Z axis  
Glass cold bed (220 x 305 mm)  
Flexible couplings for the threaded bars on the Z axis 3-point  
Rapid system for changing print bed



Own design extruder with double drive gear traction setting and filament guide to maintain compatibility with flexible or soft filaments  
0.4 mm nozzle, for 1.75 mm filament  
Finned dissipator with axial fan controlled by firmware (low noise)  
Cooling nozzle for printed objects  
Sensor specifically designed for 3D printing (auto-levelling)



Assembly guide  
Warranty and FAQ



SD card reader  
Type B micro-USB port



1.75 mm diameter filaments    PLA | wood | bronze | copper | FilaFlex

SKU: H000187



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