gMax 2 Specifications

FDM – Fused Deposition Modeling

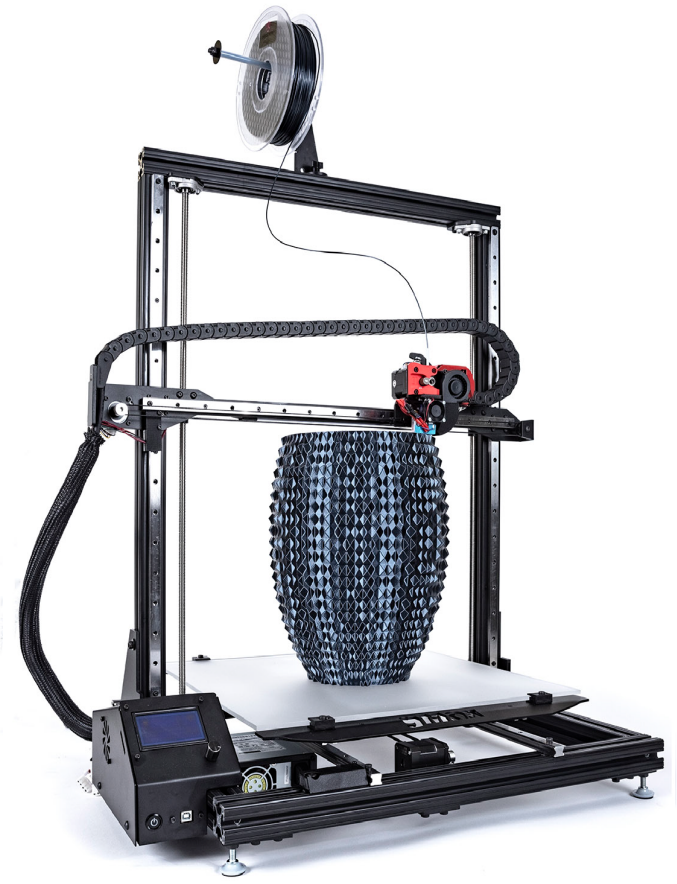
Dimensions:
18 x 18 x 24 inch **(7,776 in³)** Print Volume
(457.2 x 457.2 x 609.6 mm)

Weight:
Approx. 70lbs

Resolution:
40 Micron to 720 Micron (Nozzle Dependent)

Linear Motion:
Hiwin Metal Linear Guides for X, Y and Z
4mm Pitch TR10 10mm Lead Screws

Resolution:
0.000492” XY Resolution
0.0000492" Z Resolution with 1/16 Microsteps
0.040mm Min Layer Resolution Recommended



Nozzle:
Genuine E3D V6 All-Metal Hotend (0.5mm nozzle included)
Works with Variety of E3D Nozzles (0.25mm - 1.2mm)

Connection:
Print via USB or Directly from the Supplied SD Card
Advanced WiFi, Cloud and USB Memory Printing Powered by the gTouch Controller and Astroprint (add-on)

Electronics:
RAMPS v1.4 Electronics with Custom Marlin Firmware

Motors:
NEMA 17 1.68 Amp, 1.8 Step Angle
Pololu “Black Edition” 2 Amp Stepper Drivers

Frame:
Genuine 80/20 Lite Aluminum 1.5″ T-Slot Profile with Powder Coated Aluminum and Steel Parts Manufactured in the USA

Materials:
3D Printed Parts are Printed in Carbon Fiber-PETG
The gMax 2 is Enclosure Compatible

Bed:
18 x 18 inch pre-sanded acylic (standard)
18 x 18 inch Heated Bed Controlled by Printer with laser cut, custom bent aluminum, genuine Keenovo heated pad, and BuildTak PEI Surface (add on)

Bed Leveling:
Integrated Genuine BLTouch Smart Bed Leveling Sensor with 64 Point Bi-Linear Mesh Bed Leveling that Saves to Memory

Power Supply:
120v/240v Full Range Micro ATX (Printer Uses Approx. 60 Watts)
120v (Only) Heated Bed Plugs Directly Into Wall

gTouch Controller (add-on):
5” Touch Screen Powered by Astroprint
Cloud Based Slicing, Cloud Based File Storage, Wi-Fi Connectivity, gMax Tools, Phone App, Desktop App and Many More Tools

gCreate

shop.gcreate.com
gcreate.com
anna@gcreate.com
141 Flushing Ave, Building 77 Unit 605, Brooklyn, NY 11205