

gMax 2 PRO

Silent TMC2130 Stepper Drivers

**Powerful 32-bit Arm Cortex-M4
Processor STM32**

Full Color Responsive Touch Screen

Power Loss Recovery

**Slice Engineering Copperhead
Hotend Print up to 350C
(450C with high temp thermistor)**

**G10 FR-4 Glass-Reinforced Composite
Heated Bed with External SSR**

New PRO Runout Sensor

RGB LED Illuminated Gantry

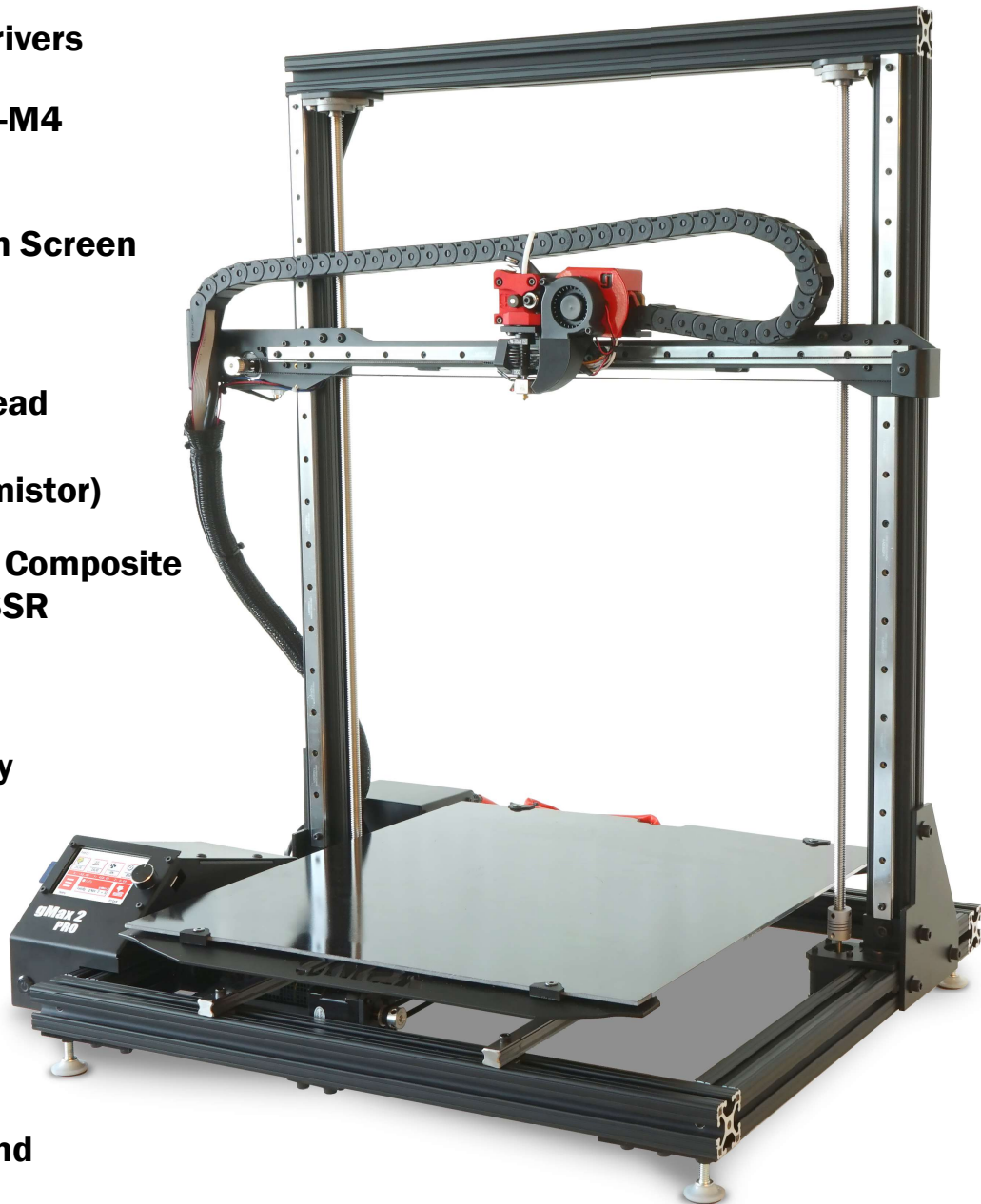
Sensorless Homing

Marlin 2.0 Firmware

SD Card Firmware Updates

Simplified 2 in 1 Dual Hotend

USA Manufactured



shop.gcreate.com

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gMax 2 Pro Specifications

FDM – Fused Deposition Modeling

Dimensions:

18.7 x 18 x 23.9 inch **(8,044 in³)** Print Volume
(476.25 x 457.2 x 607.1 mm)

Weight:

Approx. 80lbs

Resolution:

40 Micron to 900 Micron (Nozzle Dependent)

Linear Motion:

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

Speed:

Up to 200mm/sec

Resolution:

0.000492" XY Resolution
0.0000492" Z Resolution
0.10mm Min Layer Resolution Recommended
Variable 1/256 Microstepping Controlled by Firmware



Hotend:

Slice Engineering Copperhead Hotend 50 Watt 350°C (Up to 450°C)

Works with 0.2mm to 1.2mm Nozzle Sizes

Filament:

1.75mm Diameter

Dual Bearing Runout Sensor PRO

Connection:

Print via USB, SD Card or USB Stick

Advanced WiFi, Cloud and USB Memory Printing Powered by the gTouch Controller and Astroprint (add-on)

Support for future ESP01S WiFi Module

Electronics:

32 Bit SKR v2 With Arm Cortex-M4 STM32 Processor

Motors:

NEMA 17 1.68 Amp, 1.8 Step Angle

Silent TMC2130 Drivers with SPI

Frame:

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

3D Printed Parts are Printed in Carbon Fiber-PETG

The gMax 2 is Enclosure Compatible

Bed:

18 x 18 inch G10FR4 Glass Fiber Reinforced Heated Bed by BuildTak Controlled by Printer. 800W Keenovo Silicone Heated Pad. FoTek SSR in Steel Grounded Case.

Bed Leveling:

Integrated Genuine BLTouch Smart Bed Leveling Sensor with 144 Point Bi-Linear Mesh Bed Leveling that Saves to Memory

Power Supply:

120v/240v Micro ATX (Printer Uses Approx. 80 Watts)

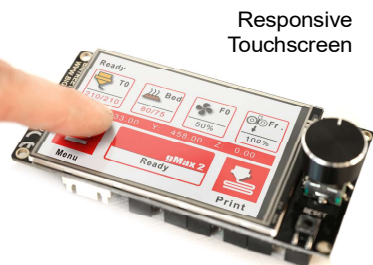
120v (Only) 800 watt eated Bed Plugs Directly Into Wall

gTouch Controller (add-on):

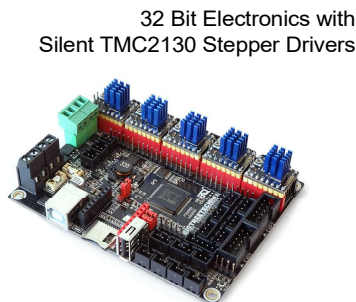
5" Touch Screen Powered by Astroprint

Cloud Based Slicing, Cloud Based File Storage, Wi-Fi

Connectivity, gMax Tools, Phone App, Desktop App and Many



Responsive
Touchscreen



32 Bit Electronics with
Silent TMC2130 Stepper Drivers



External Heated
Bed SSR



G10FR4 Glass Fiber-Reinforced
Laminate Heated Bed



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