



# MEET YOUR

# GIGABOTX 2<sup>®</sup>

Affordable | Quality | Industrial | Large-Scale | Hand-Crafted

7.8 kg Hopper  
Capable of 24h of  
Printing Between  
Refills

LED Light Strip

Linear Rails on  
X and Y axis

LCD Touchscreen  
with Mainsail for  
Klipper Interface

5/8" Extruder  
Screw with a 16:1  
L/D Ratio and a  
0.4, 0.8, 1.75 or  
3 mm nozzle

\*Optional Enclosure  
with Removable  
Panels

Three Zone  
Independently  
Controlled Barrel  
Heaters

4 Point Bed  
Leveling

0.5" Aluminum  
Heated Bed with  
PRINTinZ

32bit ArchiMajor  
Control Board

Leveling Caster  
Wheels

**PRICE** \$20,800

**BUILD VOLUME** 552 X 593 X 470 MM

\*Full Side panels come standard on GigabotX 2. Enclosure and custom extruder screws available for purchase.

## Pellets & Flake



## Cost Saving

Printing with a larger nozzle while using pellets or flake is 5-10x cheaper than traditional filament.

## Faster

GigabotX 2's larger 0.8, 1.75 or 3mm nozzle reduces printing time, up to 17x faster than Fused Filament Fabrication printers.

## Versatile

Capable of printing with 3-5mm plastic granules melting below 270°C, reducing dependence on printing with filament while supporting plastic granule mixing.



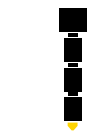
# Full Service Solutions

## Design & Research Focused on Your Needs

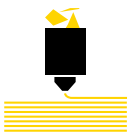
re:3D is ready to assist you with your industrial large-scale 3D printing needs. Our team is experienced in fabricating built-to-spec modified hardware for specialized print requests and available to support material selection, design, contract printing, education and consulting needs.

Simply email [sales@re3d.org](mailto:sales@re3d.org) for a quote and to speak with an expert who can advise you on our services to take you from idea to print.

### Printing Specs



Steel 5/8" Extruder Screw with a 16:1 L/D Ratio



Supports 3-5mm plastic granules & pellets



0.32-2.25 mm Layer Resolution



up to 60 mm/sec Printing Speed



0.4, 0.8, 1.75, 3 mm Nozzle Diameter



Modular & Upgradable Construction



Robust Aluminum Cartesian Frame



Cast Aluminum Blanchard Ground Flat 0.5" Thick Build Plate



NEMA 17 & 23 Stepper Motors

### Touchscreen



LCD Touchscreen with Mainsail for Klipper interface



Optional network connecting for local monitoring & control



USB or Wifi File Transfer Method



Open Source Klipper Software Stack

### Software

G1 X449.686 Y274  
G1 X452.920 Y277  
G1 X452.920 Y284  
G1 X449.686 Y287  
G1 X140.314 Y287  
G1 X137.080 Y284  
G1 X137.080 Y277

G-code (.gcode) Upload File Type



Includes Simplify3D Setting Profiles

### Electrical



110V 60Hz 20A or 220V 50Hz 10A



80-270°C Extruder Temperature



20-115°C Build Surface Temperature

## GigabotX Portfolio



FULLY ASSEMBLED  
**GIGABOTX 2™**

552 x 593 x 470 mm

Price \$20,800

Enclosure \$3,210

Watts 1,000



FULLY ASSEMBLED  
**GIGABOTX 2 XLT™**

552 x 740 x 765 mm

Price \$25,300

Enclosure \$4,500

Watts 1,500



FULLY ASSEMBLED  
**TERABOTX 2™**

879 x 908 x 830 mm

Price \$46,000

Enclosure Included

Watts 2,200



FULLY ASSEMBLED  
**EXABOTX™**

749 x 762 x 1,614 mm

Price \*Call for price

Enclosure Included

Watts 2,200



FULLY ASSEMBLED  
**Custom Solutions**

Our team of experts are available to quickly fabricate a GigabotX 2 that fulfills your unique size and material requirements.