

# INTAMSYS FUNMAT PRO- 3D PRINTER

## Give your design a real touch

New Generation Smart Single Extruder 3D Printer

### Physical Characteristics:

**Printing Technology:** Fused Filament Fabrication (FFF)

**Build envelope (volume):**

450 x 450x 600mm (17.71" X 17.71" X 23.62")

**Build Platform:** High Borosilicate Glass

**Leveling:** Automatic Leveling

**Layer thickness:** 0.05-0.5mm

**Build speed:** 30-300mm/s

**Filament Diameter:** 1.75mm

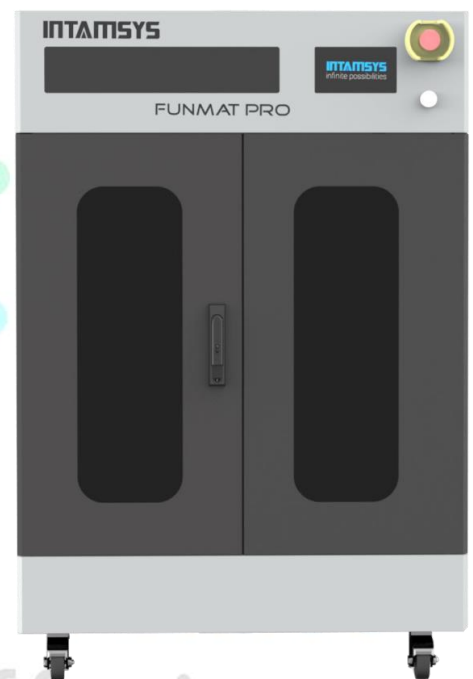
**Printing Material:** PA+CF, PC, PC Alloys, PA, ABS, Carbon Fiber-Filled, Metal-Filled, Fiber glass-Filled, ASA, PETG, ESD-Safe, HIPS, TPU, PLA, PVA, etc.

**Printer Weight:** 280kg

**Shipping Weight:** 365kg

**Box dimensions:** 1200 x 1030 x 1850mm

**Outer dimensions:** 940mmx860mmx1270mm



**Connectivity:** SD card, USB

**Software:** Intamsuite, Cura, Simplify3D

**Extruder:** Single

**Nozzle Diameter:** 0.4mm

**Display:** Touchscreen

**Inbuilt Camera:** Yes

**Print Recovery:** Yes

**Filament Sensor:** Yes

### **Operation requirement:**

**Extruder Temp.:** Max. 270°C

**Heat Bed Temp.:** Max. 120°C

**Chamber Temperature:** Max. 60°C

### **Features:**

- The integrated non-conductive touchscreen allows for you to control the print even while wearing the hot glove.
- wide range of functional materials reinforced by carbon fiber and fiberglass for 3D printing on the FUNMAT PRO.
- Advanced thermal system design of this 3D printer includes a 60°C constant temperature chamber, 120°C heated build plate, and 270°C high-temperature extruder with all-metal hot end.

## Specifications:

- **Power Requirement:** 1500W 100-120 V, 20A/200-240V
- **Input File Type:** STL, OBJ
- **Operating Systems:** Windows, Linux, Mac
- **Position Resolution:** XY: 12.5 $\mu$ m Z: 1.25 $\mu$ m

**System requirement:** i5 Processor, 2GB Graphics Card, OpenGL2.1

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