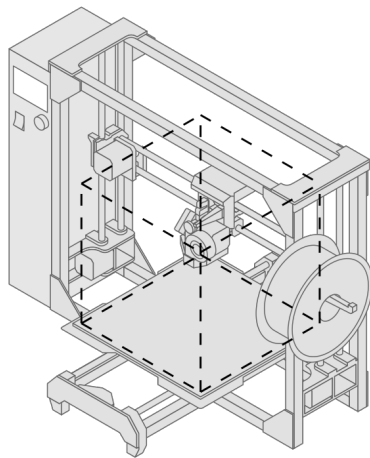


LULZBOT® TAZ WORKHORSE

Specifications

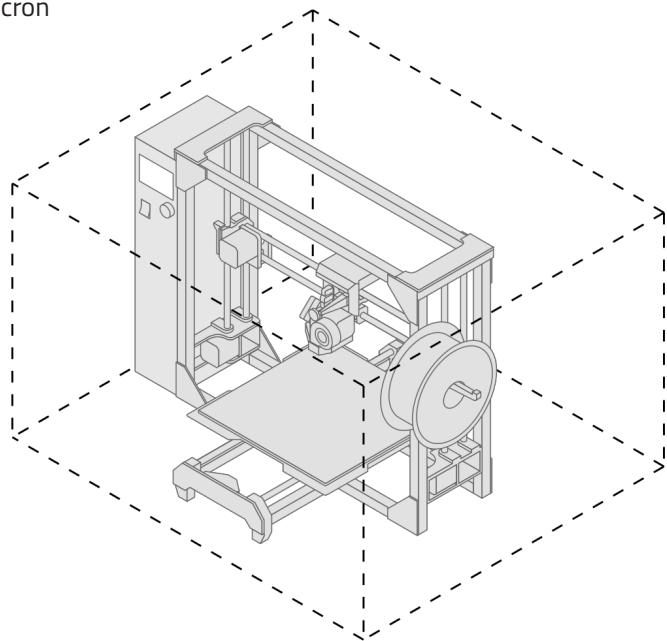
Printing

Print Technology	Fused Filament Fabrication
Print Area	280 mm x 280 mm x 285 mm (11.02 in x 11.02 in x 11.22 in)
Print Volume	22,344 cm ³ (1,362.5 in ³)
Recommended Operating Temperature	From 5°C to 45°C (41°F to 113°F)
Dimensions with Reel	83.2 cm x 51 cm x 52 cm (32.75 in x 20.08 in x 20.47 in)
Operating Footprint	83.2 cm x 66.2 cm (32.75 in x 26.06 in)
Maximum Movement Speed	300mm/s
Print Surface Leveling	Automatic Compensation
Connectivity	USB Serial and SD Card
Extruder/Hot End	SE Tool Head 2.85 mm Single Extruder 0.5 mm
Nozzle Diameter	0.5 mm
Filament Diameter	2.85 mm
Maximum Extrusion Rate	13.82 mm ³ /s
Nozzle Material	Nickel-Plated Copper Alloy
Nozzle Temperature	Up to 290°C (554°F)
Nozzle Heat Up Time	From 23°C to 210°C (73°F to 140°F) in 97 seconds
Print Surface	Heated Borosilicate Glass with PEI Surface
Maximum Print Surface Temperature	Up to 120°C (248°F)
Print Surface Heat Up Time	From 18°C to 100°C (64°F to 212°F) in 10 min 48 sec
Layer Resolution	0.05 mm - 0.4 mm (0.002 in - 0.016 in)
Minimum Positive Feature Size	0.5 mm (0.02 in)
Calculated XYZ Positional Resolution	10, 10, <1 micron



Print Area

280 mm x 280 mm x 285 mm
(11.02 in x 11.02 in x 11.22 in)



Operating Footprint

83.2 cm x 66.2 cm
(32.76 in x 26.06 in)



Specifications (Continued)

Universal Tool Head System

The next generation of modular tool heads allow for easy tool head swapping and a variety of nozzle sizes to fit every project. LulzBot also honors your freedom to use 2.85 mm or 1.75 mm filament depending on your printing needs.

SE Tool Head | 2.85 mm | Single Extruder | 0.5 mm

Go from printing ABS and PLA to TPU with ease.

SL Tool Head | 2.85 mm | Small Layer | 0.25 mm

Print most materials with incredible detail and resolution.

HE Tool Head | 2.85 mm | Hardened Steel | 0.5 mm

Hardened Steel nozzle and hobbed gear is ready for all materials from ABS to carbon-filled filament.

HS Tool Head | 2.85 mm | Hardened Steel | 0.8 mm

Make high-strength, end-use parts with composite materials such as carbon-filled filament.

HS+ Tool Head | 2.85 mm | Hardened Steel | 1.20 mm

Design, print and iterate large prototypes at incredible speed with this high-output tool head.

M175 Tool Head | 1.75 mm | Single Extruder | 0.5 mm

Open up the world of 1.75 mm filament to your LulzBot 3D Printer.

Learn more about tool head upgrades at <https://www.lulzbot.com/store/tool-heads>

Materials

Open filament system capability

PLA, ABS, Nylon 645, Polycarbonate, Carbon Fiber Reinforced Blends, TPU 85A & 95A (Flexible), PETg, PETT, Copolyester, PVB (Polycast), HIPS, and many more 3rd party filaments.

Software

Operating System Capability

GNU/Linux, Mac, Windows

Recommended Software

Cura LulzBot Edition, Version 3.2 or newer

Firmware

Marlin

Supported File Types

.stl, .obj, .g, .gcode, .x3d, .3mf, .png, .jpg

Electrical

Power Requirements

100VAC - 240VAC

Output

24 volt DC, 500 watts, 21 amps

Power Supply

Auto-switching MEAN WELL RSP-500-24

Safety and Compliance

Certifications

FCC, CE, WEEE, CSA, RCM, OSHWA

Warranty

Includes one-year warranty and access to technical support five days a week. Optional one, two, or three-year extended warranties available.

Country of Origin

Made in USA from domestic and imported components.

LulzBot.com | sales@LulzBot.com | +1-970-377-1111

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Mouser Electronics

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