BRAHMA3 Anvil

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Introduction

3D Printing or additive manufacturing is the process of making a three dimensional solid object from a digital model. The process involves laying down successive layers of material to physically form the required object. 3D Printing finds uses in several industries including automotive, medical, business & industrial equipment, education, architecture, and consumer-product industries.

The Brahma3 Anvil is an affordable yet high-end 3D printer, which was built with an equal measure of aesthetics and performance. It prides itself on being a computer independent machine, with an on-board interface that takes care of everything. The 3D printer works on FFF (Fused Filament Fabrication) where it extrudes molten plastic and builds models layer by layer.

The Brahma3 Anvil works out of the box. All you need is to plug the printer in, load the plastic filament, select a model file and hit print. Once the print is done, you can pop the model out and the process is complete.

Features

Large Build Volume

The Anvil boasts of a large build volume of 240 x 240 x 200 mm. This means you can print objects under the size of a football!

Multi Material Support

The Anvil supports printing in PLA and ABS with the pipeline of few more materials like Nylon, PC available in the coming months.

Accuracy and Resolution

A best Z-layer resolution of 100 micron can be achieved with the Brahma3 Anvil for really accurate prints. The Anvil is also built using the finest mechanical components for precision and repeatability.

All-metal Hot End

The Anvil has a precision manufactured metal hot end which can go upto temperatures of 300°c, allowing to print in more materials and solving the common issues like clogging or jams seen in currently available hot ends.

Technical Specifications

Printer Features	
Technology	Fused Filament Fabrication
Build Volume	240 x 240 x 200 mm
Printing Material	PLA, ABS
No. of Extruders	1
Nozzle Diameter	0.5 mm
Minimum Layer Resolution	100 micron
Maximum Extruder Temperature	300°c
Hot End	Multi Metal Alloy Combination (MMAC)
Extrusion method	Direct drive
Mechanical	
Heated Bed	✓
Chassis	Aluminum Frame
Body	Translucent Panels
Build Platform	Glass
Weight	20 kg
Dimensions (L, D, H)	425 X 425 X 525 mm
Connectivity	
Interface	LCD/ Computer
SD Card Support	✓
Input File Types	.STL, .AMF, .OBJ and .gcode
Slicing Support	Software
Power Consumption Rating	12V, 230W

Contact Us

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