

The launch of affordable Delta 3D Printers strikes the Indian 3D Printing Industry

STARTS AT INR 80000/- ALSO AVAILABLE ON EMI



J Group Robotics the Indian leading global provider of 3D printer announces the launch of Delta Minion with solutions for the rapid manufacturing of customized products utilizing its consumables across a variety of markets. The 3D Printing technology delivers high precision, surface quality and functionality as well as the ability to use a wide range of materials at tailored production speeds. J Group Robotics works with a strong customer and partner base in diverse sectors such as aerospace, consumer packaging, hearing aid, dental, consumer electronics, auto manufacturing, architectural and design companies.

The company has also launched the product on Amazon, Snapdeal and other leading portals of India.

Delta Minion offers the convenience of Desktop 3D Printing at a remarkable price of an automatic 3D Printer. With so much technology at your command, it is truly an advanced compact Machine. The new generation Delta Minion is a small package but a power house in the hiding. Delta Minion suits the creative production of Engineering class as well as just your hobbies.



Specifications



Machine Accuracy

XY positioning accuracy - within 10 microns
 Z positioning accuracy - within 10 microns
 Repeatability accuracy - within 10 microns
 Auto Bed level height map - within 50 microns



Single Head

Printing mode: Single head for model and support material



Print Accuracy/Resolution

Layer Resolution - Minimum 50 microns to maximum 600 microns
 XY 3D Printing Accuracy - within 0.5mm
 Z 3D Printing Accuracy - within 0.5mm



Post Processing

Training material: Postprocessing techniques guide, Finishing techniques guide, Support removal guide
 Support: Postprocessing expert via call and video call.



Build Volume

Bed Size / Print size (X Y Z) - 150mm x 150mm x 300mm
 Machine Dimensions - 650mm x 480mm x 850mm
 Shipping Box Dimensions - 700mm x 580mm x 570mm



Nozzle Supported

Nozzle Diameter: 0.35mm, 0.4mm, 0.6mm, 0.8mm all metal



Temperature

Nozzle Temperature : 30°C - 260°C
 Heated Bed (Optional)



Technical Support Customizable Plan

Training Material: 3D printing guide, Installation instructions, Calibration guide, Maintenance guide.
 Software Support: Software Training over VPN, GCode generation over VPN, Calibration over VPN.
 Hardware Support: Troubleshooting and Hardware maintenance over video call.



Printing Filaments

[Filament Data Sheet Download](#)

Filament Diameter - 1.75mm
 Supportable Filaments - PLA, TGLASE, WOOD, STONE, CARBON FIBER & MORE



Auto Bed leveling

Leveling Mode - Automatic, Semiautomatic



Software

Software: Simply 3D
 Supporting documents : Hardware setup guide, tutorial guide, tutorial videos, quick start guide, quality guide



LCD

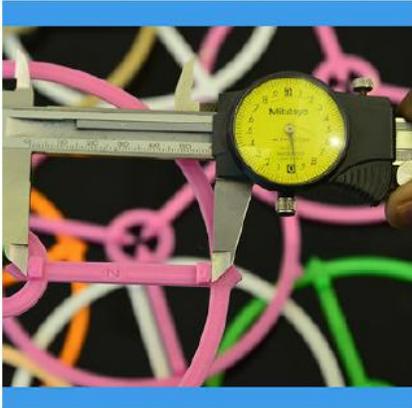


Optional



INR 80000/-

More Features



3D Print Accuracy

Dimensional accuracy XY is the amount of dimensional deviation that is measured between your CAD model (Computer drawing) and actual printed object in XY (Horizontal direction).

Delta Minion comes with a 3D printed part which is calibrated and tested for its XY Dimensional accuracy which is within 0.5mm.

Dimensional accuracy should not be confused with the XY positional accuracy which is 10 microns or the layer height (printing resolution).

Auto Bed Leveling

Delta Minion is capable of measuring heights of the bed at multiple points. This is repeated until the head is leveled with respect to the bed. Height map accuracy is within 50 microns.

Delta Minion can be calibrated in Semiautomatic mode or Automatic mode. In semiautomatic mode the values are feeded and adjusted manually by the user. In automatic mode the machine will measure then calculate,adjust the values and will repeat this procedure until the head is leveled with respect to the bed.



Linear Guide

The Delta Minion comes with a linear guide for X,Y and Z axis, which is tested by our 3D Printing Experts.

These linear guides achieve their performance through the precise grinding of the ball tracks in the rail, which have close conformity to the balls. linear guides are well suited good stiffness and high accuracy.

The ball bushing linear guide remains popular in our machines due to some intrinsically unique and often advantageous characteristics over other systems.

Material Optimized Swappable Nozzle

Now you can configure your printer to print fast or print accurate by just changing the nozzle.

Swappable head makes Delta minion a multimaterial printer where you can just swap an optimized nozzle for the material you want to print with.

Easy to change the head in just two steps. unscrew the nozzle that is to be changed. screw the nozzle.



Layer Accuracy

Our 3D printing experts ensures that you have a perfect first layer printed. 3D Printing, it's very important that your first layer is printed perfectly. This ensures that your part will build without any errors.

For every Delta Minion 3d printer that is manufactured, first layer height is measured and analysed to ensure our quality standards.

Company – J Group Robotics

Website – <http://www.jgrouprobotics.com>

Email – info@jgrouprobotics.com

Product Buy Link - <http://www.jgrouprobotics.com/#/delta-minion/sj901>