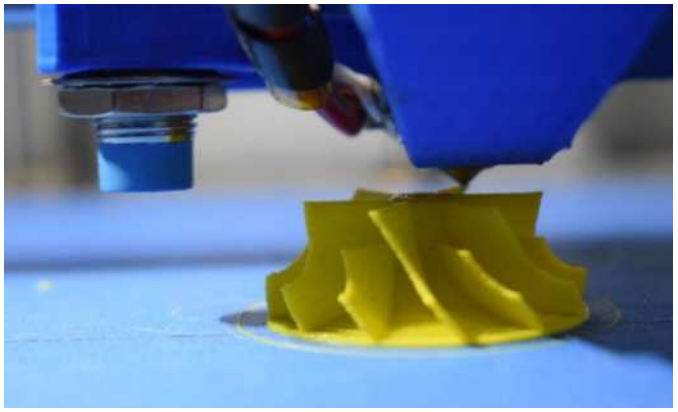
SPECIFICATIONS



BUILD VOLUME (L / W / H): 200 x 200 x 200 mm / 8 x 8 x 8 Inches

LAYER RESOLUTION: 50 micron – 300 micron

POSITIONING PRECISION (X / Y / Z): 50 /50 / 25 microns

FILAMENT DIAMETER: 1.75 mm

NOZZLE DIAMETER: 0.4 mm / 0.0157 inches

PRINT SPEED: 30 mm/s – 150 mm/s

FILAMENT TYPES: PLA/ABS/CPE

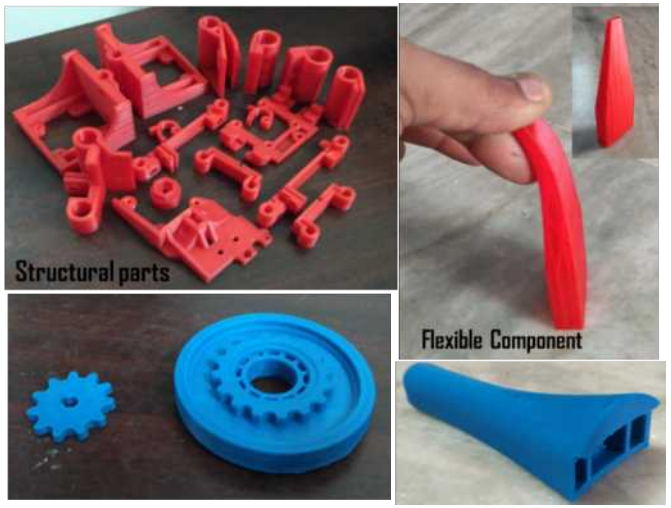
OVERALL SIZE: (H/W/L): 430 x 410 x 500mm

CONNECTIVITY: Standalone SD Card support and USB

NOZZLE TEMPERATURE: upto 230 °C

ELECTRICAL AND SOUND: AC Input 100 – 240 V

MAX AVERAGE OPERATING NOISE: 49 dBA

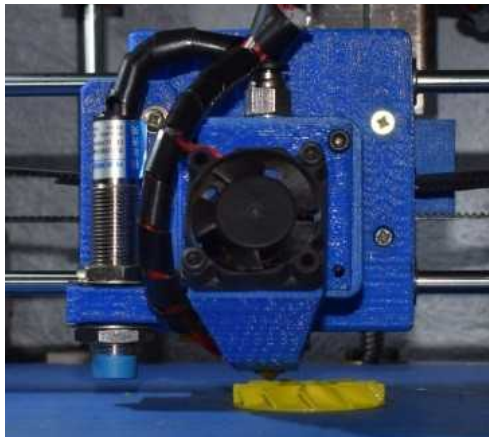


PRODUCT DESCRIPTION

1. Display
2. Push & Rotate Button
3. Build pate
4. Print Head Cable
5. Cooling Fan
6. Sensor
7. Z Axis leveller
8. PLA Material
9. Spool Holder
10. USB Port
11. Power Supply
12. LED Switch
13. Fan

NOZZLE

Nozzle, designed and engineered for easy maintenance and reduces filament clogging. It's efficiently designed cooling duct keeps cold section of extruder and printed layers cool. A wide range of nozzle temperatures allow this printer to work with many types of filament.



ENCLOSURE

Made from composite material.

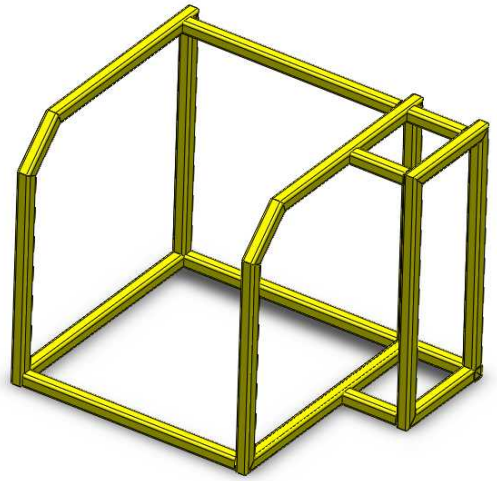
Light in weight, High strength and Durable.

Elegant design suitable for office environment.

FRAME STRUCTURE

Fully Metal Frame structure makes it robust, and vibration free.

Independent structure design - completely isolates the enclosure which enables Nova3D to print and accelerate at high speeds with high accuracy.



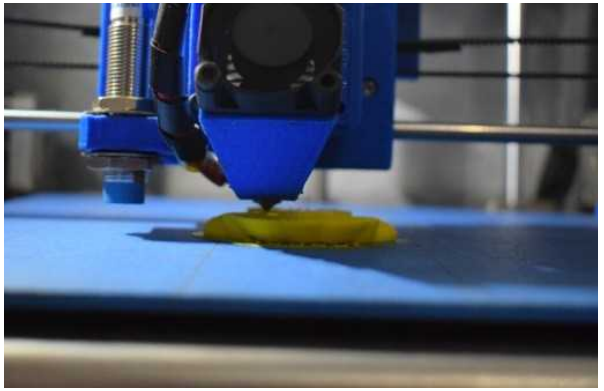
X/Y/Z AXIS GUIDES

Linear Ball guides for sturdy and precise printing.

Maintenance free operation.

REMOVABLE PLATFORM

Removable Aluminum Bed for easy and safe removal of printed parts.

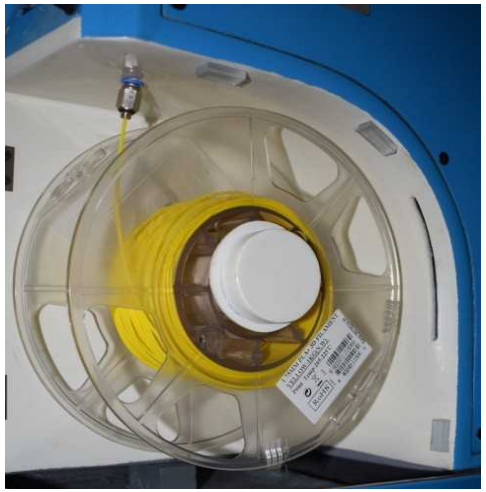


ENCLOSED DOORS

Both Top opening and Front Opening Doors.

Designed for hassle free handling and easy maintenance.

Enclosed doors enables safe and clean printing environment and reduces noise level.



FILAMENT COMPARTMENT

Concise and enclosed compartment for filament holding and rolling.

Transparent windows enable to see for filaments running out

AUTO BED LEVELLING AND CALIBRATION

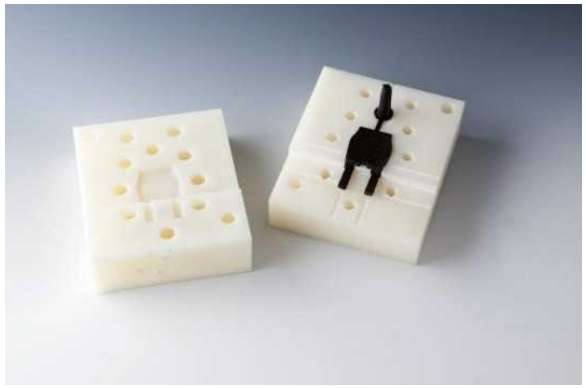
Auto bed leveling enables clean and ensures proper sticking of first layer.

Provides completely hassle free printing experience.

3D Printing Applications

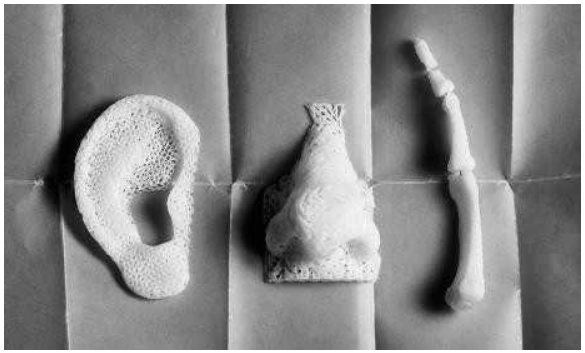
EDUCATION FIELD

3D Printer can be a good educational field for teaching and research. Which increase the student creativity, critical thinking and class involvement.



MOLD MAKING INDUSTRY

3d printer reduces product development cycle and reduces the product research cost and increase production efficiency.



MEDICAL INDUSTRY

3D Printer can print the human Organ, teeth and research, good helper for surgical operations involvement.

ARCHITECTURAL DESIGN

3D Printer can print the construction model in advance to display effect and test.

PERSONALIZED CUSTOMIZE NEEDS

People can use their own 3D printer to print their design and imagination to life

MODEL SHOW