



3D LABS INDIA

FDM 3D PRINTERS | DLP 3D PRINTERS | 3D SCANNER | 3D PRINTING SERVICE | 3D SCANNING SERVICE

MADE IN INDIA 3D PRINTERS

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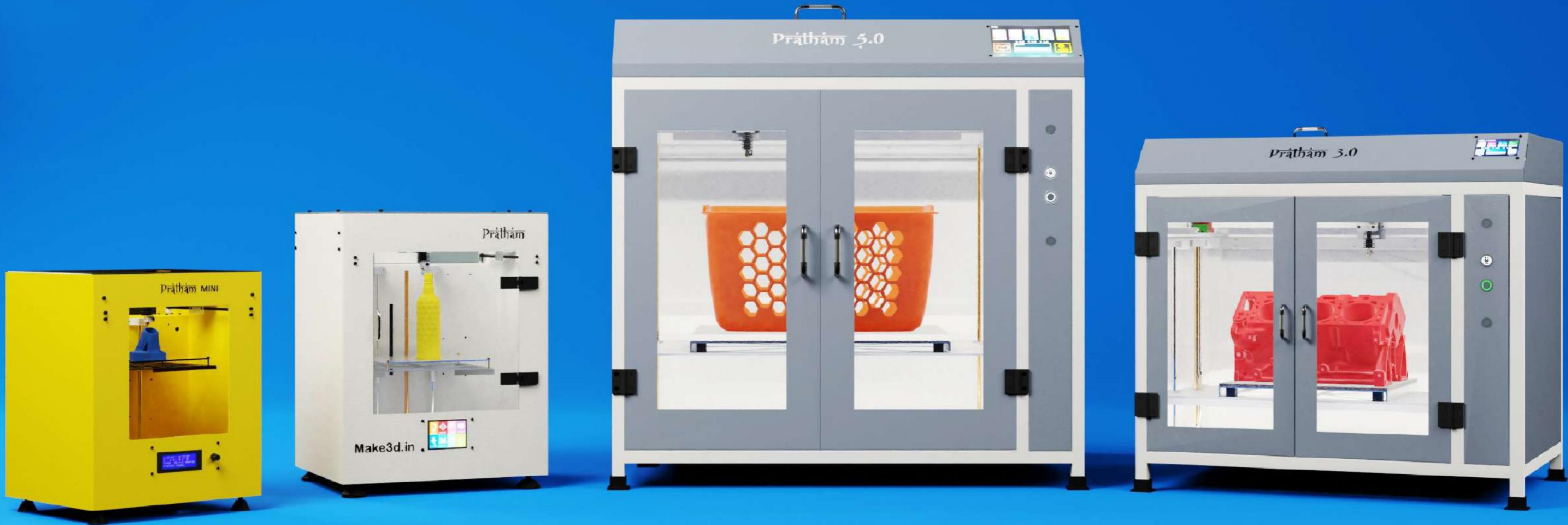
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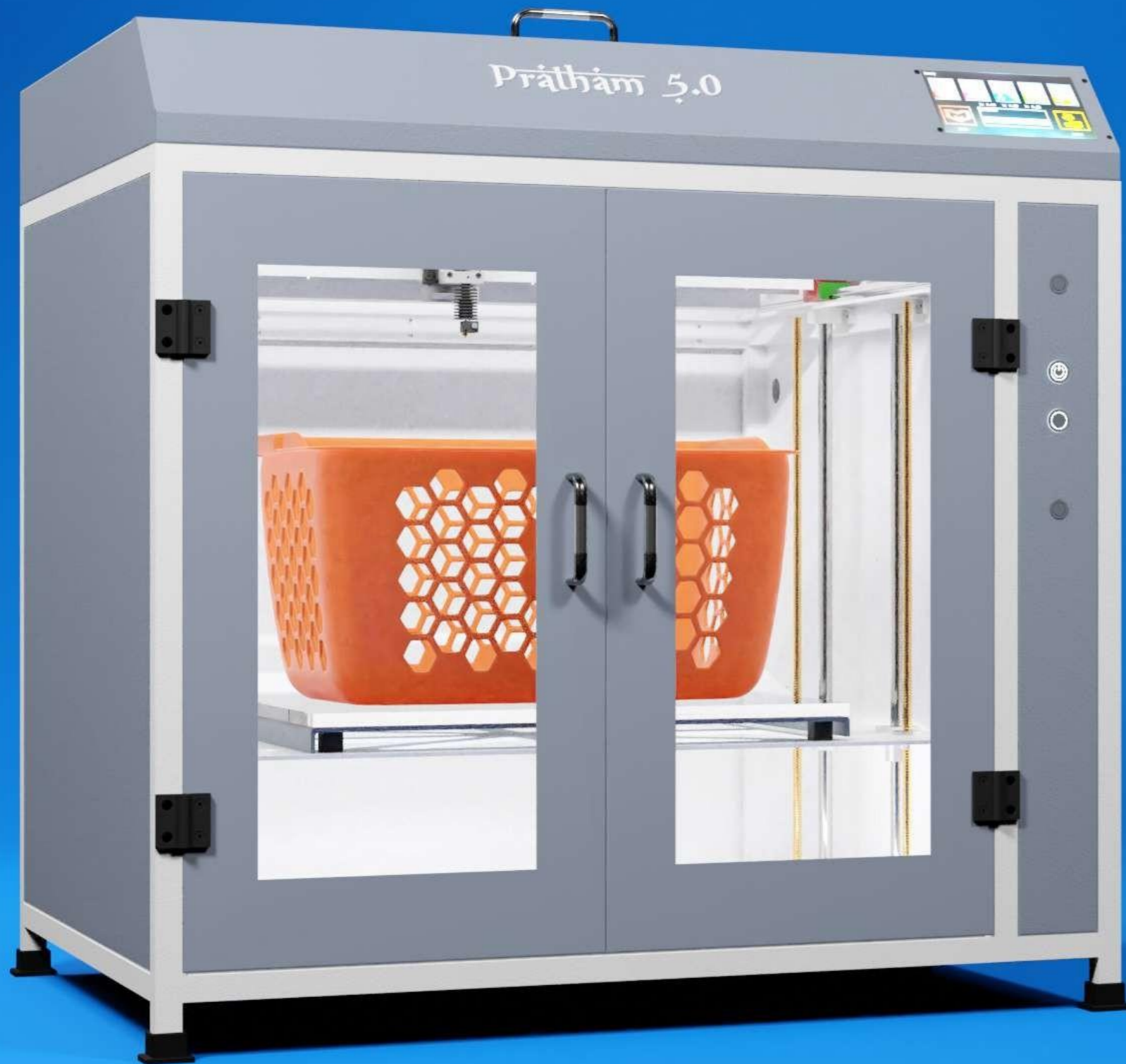
Pratham

Series of FDM 3D Printers

Basic | Entry Level | Industrial



Your 3D Printing Journey Starts Here



Pratham 5.0

Monster 3D Printer

500x500x500 mm

Single / Dual Extruder

Silicone Heatbed

Fastest bed heating Of all time now possible.

Filament Sensor

Save your print if filament finished during print

Power Failure Protection

Save your Print against Sudden power Cut
Auto Resume Facility

Multy Material Support

Shape your imagination with vast material range.
PLA - ABS - Metal Fill - Wood Fill - Flexible.

Automatic Bed Level



No Hassel for manual bed level, Machine will do it.

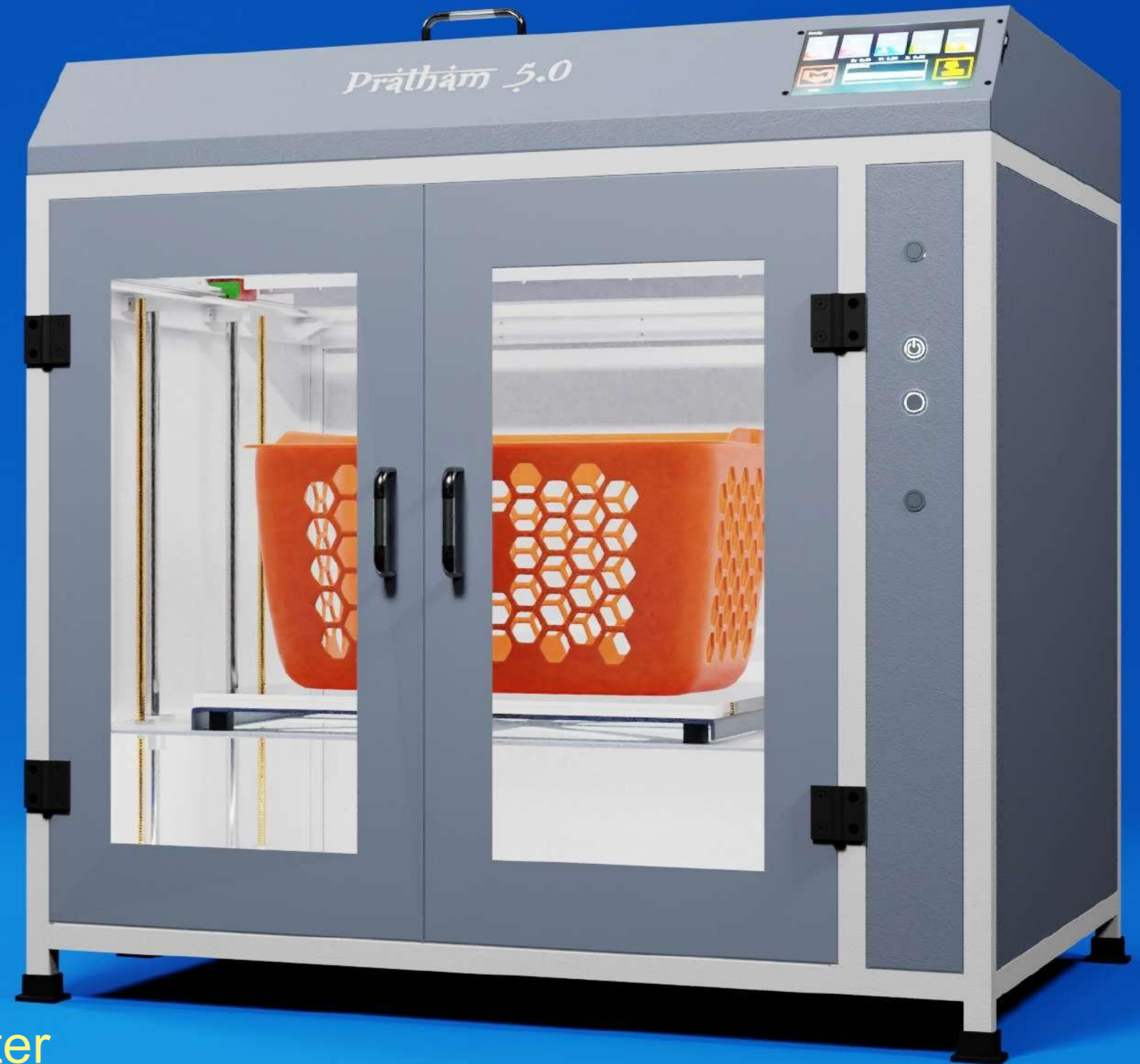
Bigger Build Volume

3D Print anything upto 500x500x500 mm in size.

Closed Chamber with Carbon+Hepa Filter

Perfect Print for High Temperature Material with Safety against Toxic Fumes. ★

Key Features of Pratham 5.0



General

Print Technology	Liquefued Filament Fabrication
Build Volume	500 mm x 500 mm x 500 mm
Layer Resolution	0.08 / 0.1/ 0.2 / 0.3 / 0.4 mm
Dimensional Tolerance	± 0.1mm
Print Speed	40 - 120 mm/sec
Extruder Temperature	280° C (max)
Printbed Temperature	120° C (max)
Nozzle Size	0.4 mm - E3D (standard)
Heated Build Platform	Yes (Aluminium Printbed)
Filament Diameter	1.75mm
Filament Compability	ABS/PLA/Flexible/PETG Carbon fused ABS/Composites
Operating Control	Touch Screen Control

Mechanical

Body	Sturdy Powder Coated Sheet Metal Body
Stepper Motors	1.8 Degree step angle with 1/16 micro stepping
XY Gantry	HIWIN Linear Motion Guide
X-Y Precision	11 Microns
Z Precision	10 Microns

Specification for Pratham 5.0

Size & Weight

Printer Dimensions	980 L x 820 W x 990 H mm
Printer Weight	80 kg
Shipping Weight	100 kg (With Accessories Kit)

Electrical

Power Requirements	230V, 50Hz, 320 W
Connectivity	USB / SD CARD
Lighting	Blue & White LED Light

Software

Operating System	Windows XP/Vista/7/8, MacOS
Software Bundle	CURA / Simplify3d (Windows, Mac, Linux)
Supported File formats	STL and GCODE

*** PAN India Service Support**



Pratham 3.0

Bigger 3D Printer

300x300x300 mm

Single / Dual Extruder

Silicon Heat Bed

Fastest bed heating Of all time now possible.

Filament Sensor

Save your print if filament finished during print

Power Failure Protection

Save your Print against Sudden power Cut
Auto Resume Facility

Multy Material Support

Shape your imagination with vast material range.
PLA - ABS - Metal Fill - Wood Fill - Flexible.

Automatic Bed Level



No Hassel for manual bed level, Machine will do it.

Bigger Build Volume

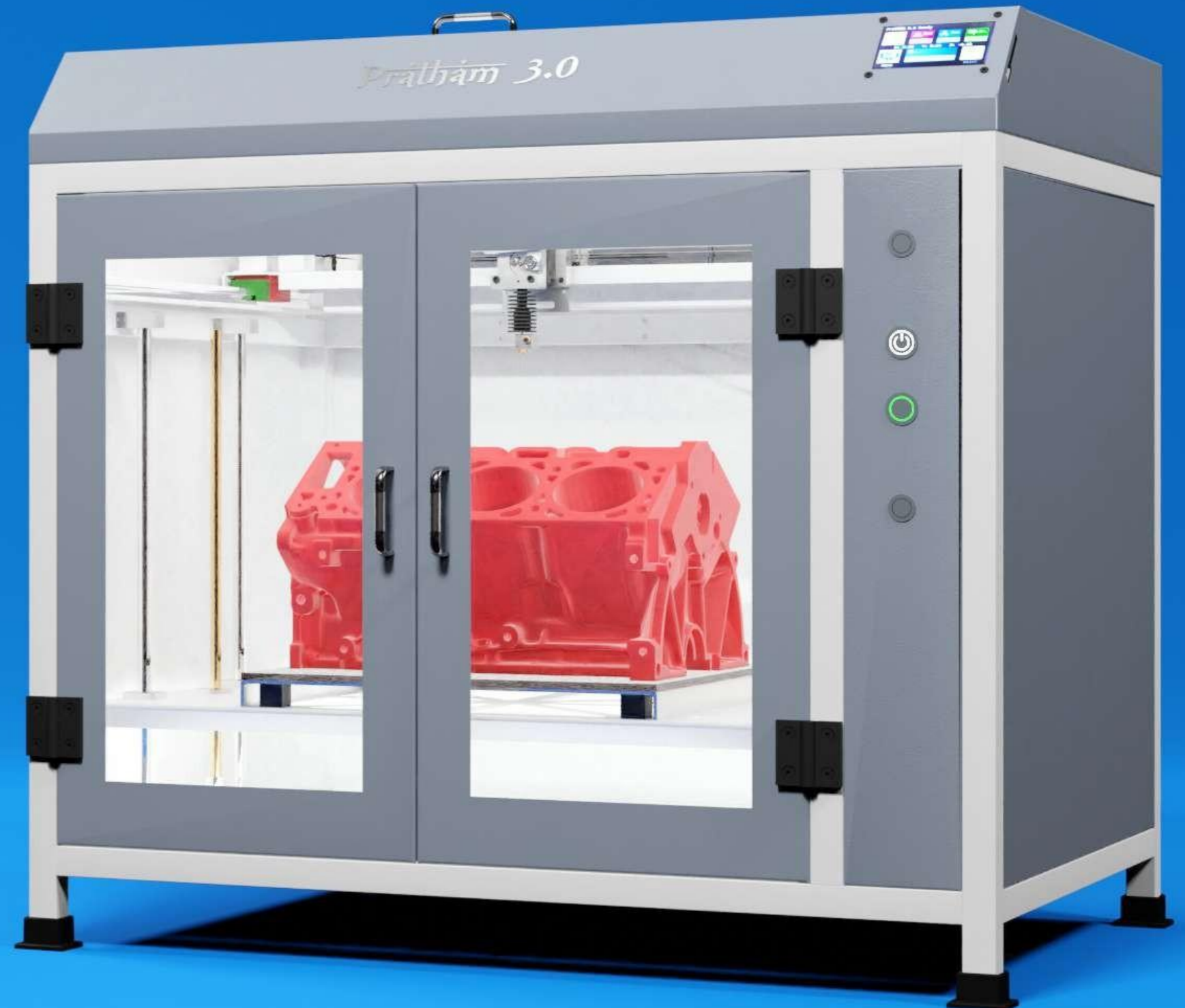
3D Print anything upto 300x300x300 mm in size.

Closed Chamber



Perfect Print for High Temperature Material.

Key Features of Pratham 3.0



General

Print Technology	Liquefied Filament Fabrication
Build Volume	300 mm x 300 mm x 300 mm
Layer Resolution	0.08 / 0.1/ 0.2 / 0.3 / 0.4 mm
Dimensional Tolerance	± 0.1mm
Print Speed	40 - 120 mm/sec
Extruder Temperature	280° C (max)
Printbed Temperature	120° C (max)
Nozzle Size	0.4 mm - E3D (standard)
Heated Build Platform	Yes (Aluminium Printbed)
Filament Diameter	1.75mm
Filament Compability	ABS/PLA/Flexible/PETG Carbon fused ABS/Composites
Operating Control	Touch Screen Control

Mechanical

Body	Sturdy Powder Coated Sheet Metal Body
Stepper Motors	1.8 Degree step angle with 1/16 micro stepping
XY Gantry	HIWIN Linear Motion Guide
X-Y Precision	11 Microns
Z Precision	10 Microns

Specification for Pratham 3.0

Size & Weight

Printer Dimensions	800 L x 630 W x 750 H mm
Printer Weight	55 kg
Shipping Weight	75 kg (With Accessories Kit)

Electrical

Power Requirements	230 V, 50Hz , 240 W
Connectivity	USB / SD CARD
Lighting	Blue & White LED Light

Software

Operating System	Windows XP/Vista/7/8,MacOS
Software Bundle	CURA / Simplify3d (Windows, Mac, Linux)
Supported File formats	STL and GCODE

*** PAN India Service Support**



Pratham

Desktop 3D Printer

200x200x250 mm

Single Extruder



Key Features of Pratham

Aluminium Heat Bed

Get optimum bed heating speed.

Filament Sensor

Save your print if Filament Finished during print

Multy Material Support

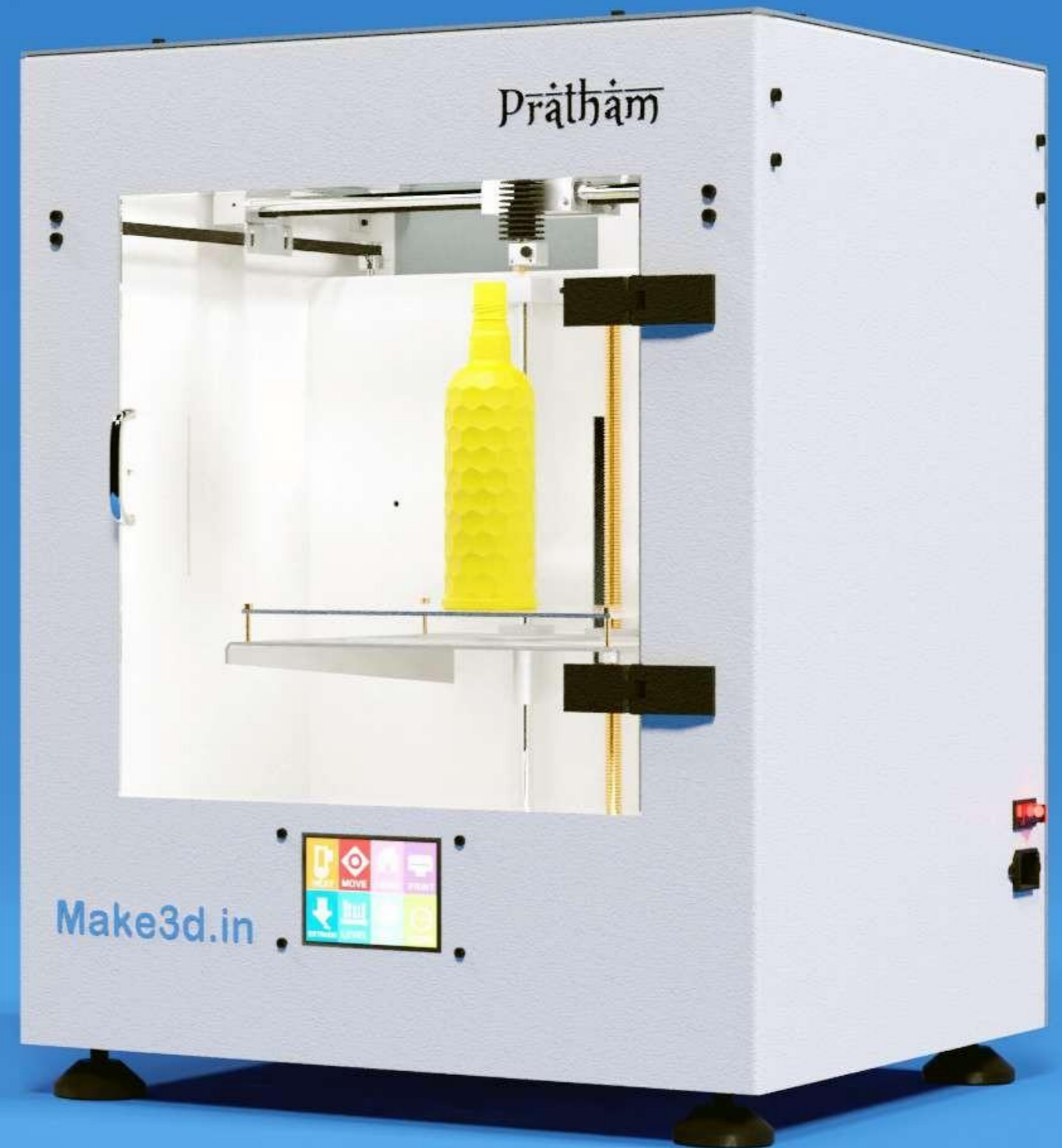
Shape your imagination with vast material range.
PLA - ABS - Metal Fill - Wood Fill - Flexible.

Advanced Smart Cooling

Get Finest accuracy of print with smart cooling.

Power Failure Protection

Save your Print against Sudden power Cut
No need to use UPS/Inverter



General

Print Technology	Liquefied Filament Fabrication
Build Volume	200 mm x 200 mm x 250 mm
Layer Resolution	0.08 / 0.1/ 0.2 / 0.3 / 0.4 mm
Dimensional Tolerance	± 0.1mm
Print Speed	40 - 120 mm/sec
Extruder Temperature	280° C (max)
Printbed Temperature	120° C (max)
Nozzle Size	0.4 mm - E3D (standard)
Heated Build Platform	Yes (Aluminium Printbed)
Filament Diameter	1.75mm
Filament Compability	ABS / PLA / Composite
Operating Control	LCD Display

Mechanical

Body	Sturdy Powder Coated Sheet Metal Body
Stepper Motors	1.8 Degree step angle with 1/16 micro stepping
XY Gantry	Vibration Free XY Movement
X-Y Precision	11 Microns
Z Precision	10 Microns

Specification for Pratham

Size & Weight

Printer Dimensions	400 H x 400 W x 530 H mm
Printer Weight	16 kg
Shipping Weight	19 kg (With Accessories Kit)

Electrical

Power Requirements	230 V, 50Hz , 240 W
Connectivity	USB / SD Card
Lighting	Blue & White LED Light

Software

Operating System	Windows XP/Vista/7/8,MacOS
Software Bundle	Repetier / Cura / Slicer (Windows, Mac, Linux)
Supported File formats	STL and GCODE

*** PAN India Service Support**

Pratham MINI

MINI with MANY Possibilities





Pratham MINI

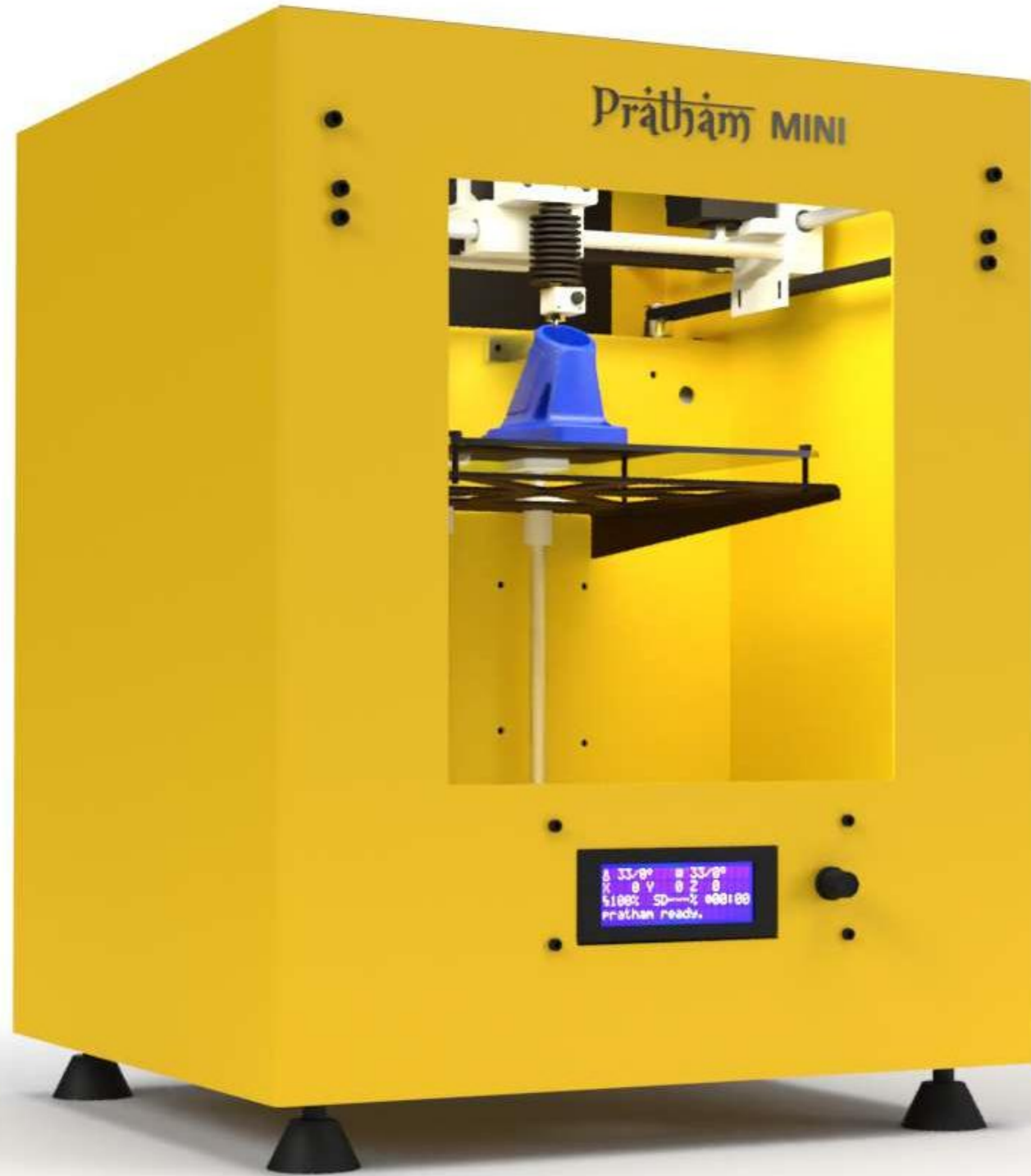
MINI FDM 3D Printer

170x170x170 mm



Available in Colors





ALL Metal BODY

Robust & Sturdy

Best for Students

to start 3D Printing

Premium Quality

Hardware & Electronics

Fully Calibrated

Plug & Play, No Installation Required

12 Months Warranty

Lifetime Support

Safe Operating Structure

Most Important for Students



Specifications of Pratham MINI

General

Technology	FDM/LFF
Print Volume	170X170X170 mm
Layer Resolution	0.1 to 0.3 mm
Dimensional Tolerance	± 0.2 mm
Extruder Number	1
Extruder Type	Direct Drive
Nozzle Diameter	0.4 mm
Max Nozzle Temperature	280 °C
Heated Bed	No
Print Speed	40-120 mm/sec
Supported Filament	PLA,Wood
Machine Body	Robost Metal MS Body
Power Requirement	230V, 50 Hz, 120W
Lighting	White LED Lighting

Software

File Input	STL/OBJ
Connectivity	SD Card
Software Bundle	Cura/Simplify3d
Operating System	Windows,MacOS
Operating Control	via LCD

Size & Weight

Size of Machine	38x36x46 CM
Weight	21 KG
Shipping Weight	30 KG

Happy User's PAN India



Pratham 5.0 @ Vadodara



Pratham 3.0 @ Kerala

Happy User's PAN India



Pratham @ Ahmedabad



Pratham @ Nashik



Pratham 3.0 @ Ludhiana



Pratham @ Ujjain



Pratham 3.0 @ Surat



Pratham 3.0 @ Haryana



Pratham 3.0 @ VIT Vellore



Pratham 3.0 @ NEFR Indian Railway



Pratham 3.0 @ Assam University



Pratham 3.0 @ Aurangabad



Pratham 5.0 @ MIT College Jammu



Pratham @ Hughly, West Bengal



Pratham 3.0 @ Hyderabad



Pratham @ Salem, TN

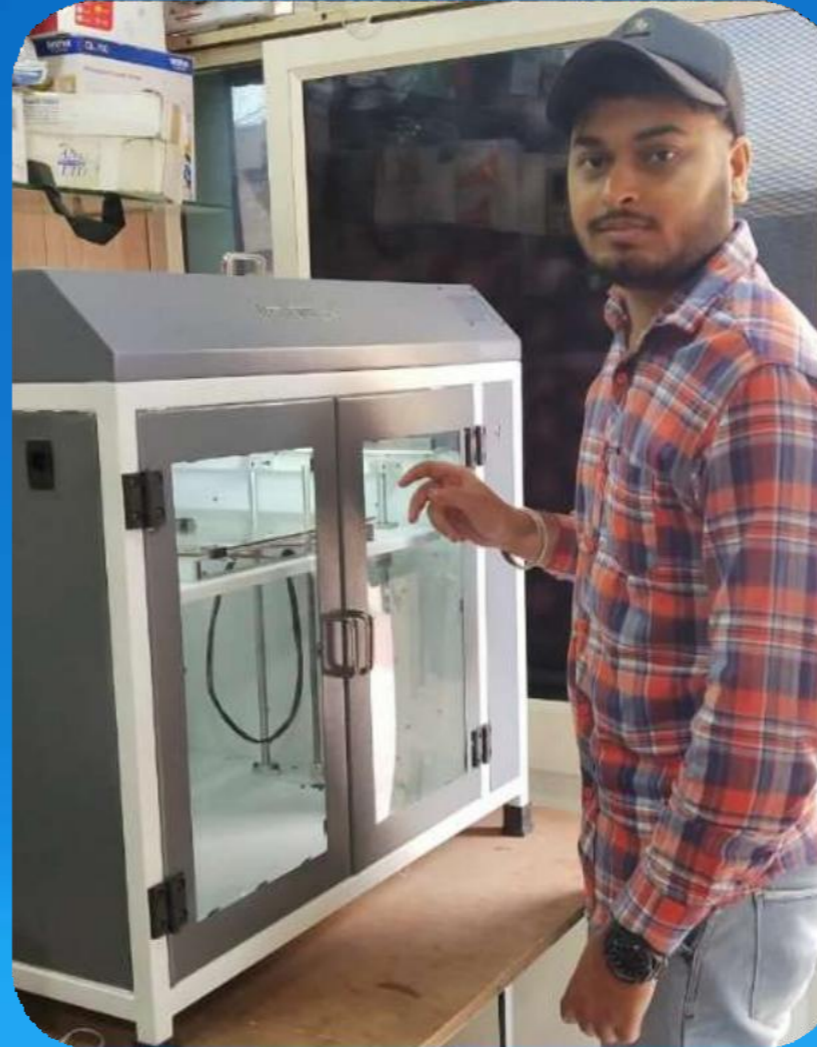


Pratham @ Mumbai

Happy User's PAN India



Pratham 5.0 @ ADIT College



Pratham 3.0.0 @ Ludhiana



Pratham 3.0 @ Belgaum

And many more PAN INDIA.....

Our Valuable Clients



And Many More...

Our Valuable Clients



And Many More...



3D LABS INDIA

Dear Sir/Madam, Greetings from 3d Labs India. Thank you for reaching us. Let us know more about what you are looking for.

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