

MAKE3D.IN

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



Pratham 3.0

Bigger 3D Printer
300x300x300 mm
Single / Dual Extruder



Key Features of Pratham 3.0

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.

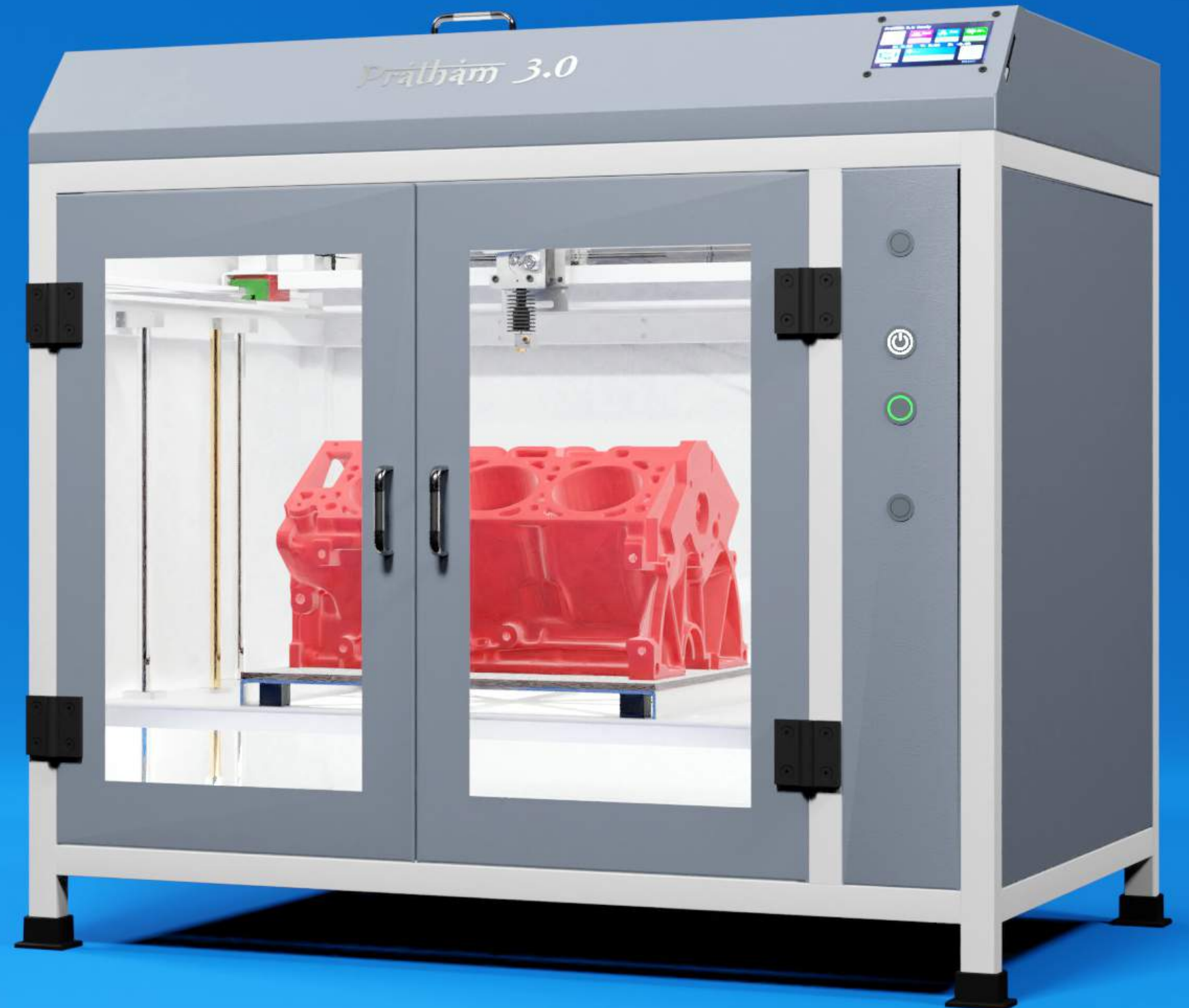
Bigger Build Volume

3D Print anything upto 300x300x300 mm in size.

Closed Chamber



Perfect Print for High Temperature Material.



Specification for 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

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 / Wi-Fi
Lighting	Blue & White LED Light

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

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**

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



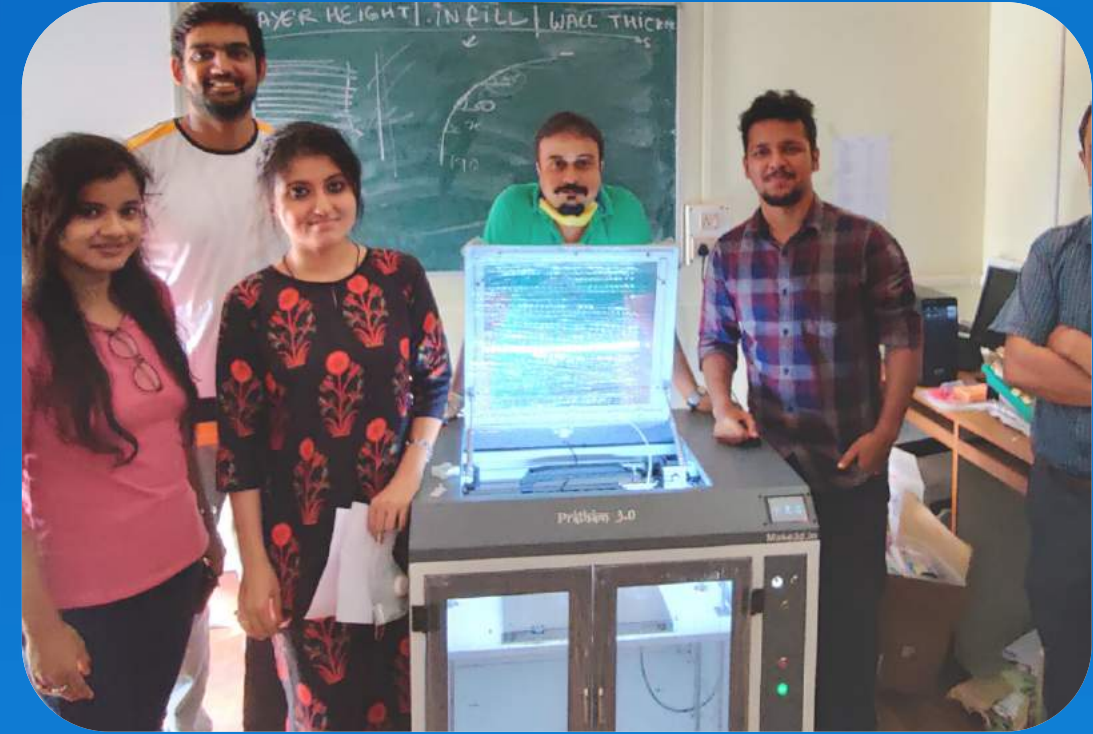
Pratham 3.0 @ Haryana



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

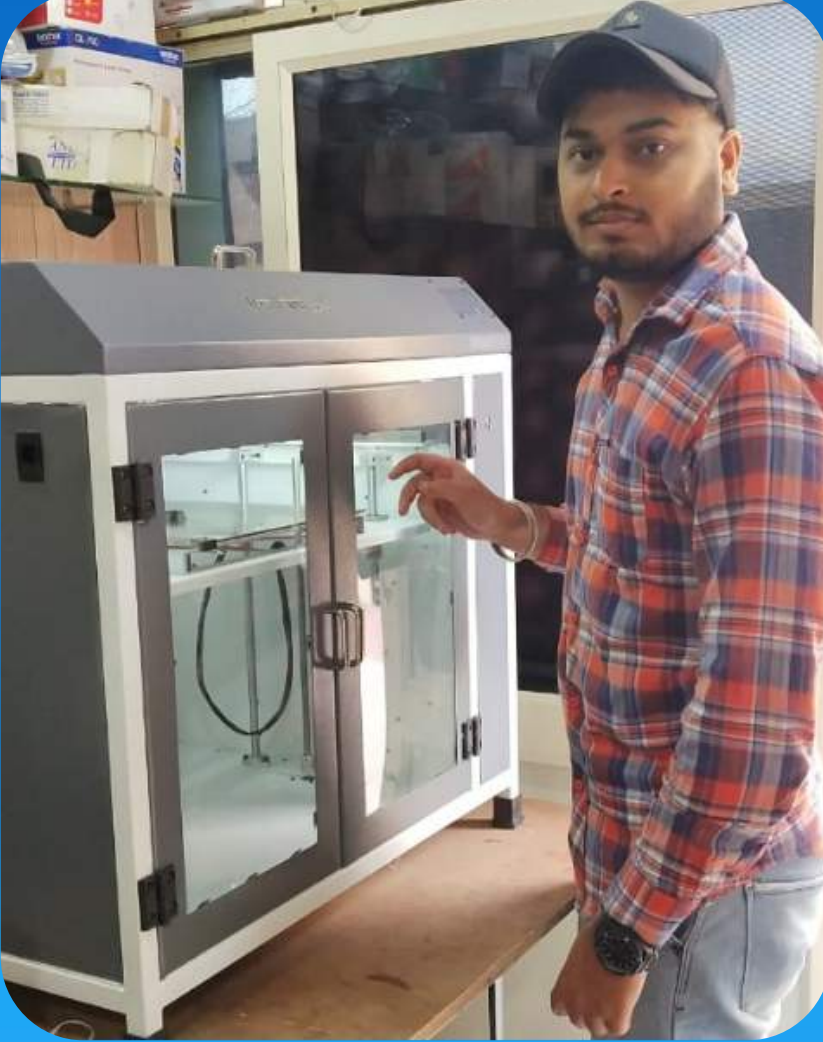


Pratham @ Mumbai

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...



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