



MAKE3D.IN

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

# About Us

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**Make3d.in** is a young Indian Company Founded in 2015 and works with Designer, Engineer, Hobbyist to make their imagination live in real world with Powerful 3D Printing technology. Bunch of young enthusiastic engineers who are dedicated to develop world class product makes us unique in AM Industry. Working since 2015 in AM Industry, We have developed FDM & DLP range of 3D Printers, which are proudly Made in India Products.

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# Prātham Series of FDM 3D Printers

Basic | Entry Level | Industrial



Your 3D Printing Journey Starts Here



A JUMBO 3D PRINTER

# Prātham X

Available in 2 Varients

**1000x1000x600 mm**

**1000x1000x1000 mm**



# Advanced Feature of Pratham X

## Silicone Heatbed

Fastest Bed Heating of all time now possible.

## Filament Sensor

Save your print if filament finished during print

## Automatic Bed Level

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

## Bigger Build Volume

3D Print anything upto 1000x1000x600 mm in size.

## ALL Axis Ball Screw Mechanism

Robust XYZ gantry system with Ball screw movement.



Power Failure  
Protection



Wi-Fi  
Operating  
(Optional)



Fast  
Speed



Silicone  
Head bed



Filament  
Sensor



Camera  
Monitoring  
(Optional)



Auto Bed  
Level



Multi Material  
Support



Lifetime  
Support



Proven  
Product



12 Months  
Warranty



# Specification of Pratham X

Print Technology	Fused Filament Fabrication
Build Volume	1000mm x 1000mm x600/1000mm
Layer Resolution	0.08/0.1/0.2/0.3/0.4mm
Dimensional Tolerance	±0.2 mm
Print Speed	40-120 mm/sec
Extruder Temp	280 °C (single extruder)
Printbed Temp	120 °C
Nozzle Size	0.5 mm Standard <b>(0.3/0.4/0.6/0.8 mm Changeable)</b>
Heatbed Build Platform	Yes (Aluminum Printbed)
Filament Diameter	1.75 mm
Filament Compatibility	PLA+ / PETG / TPU
Operating Control	Touch Screen Control



# Specification of Pratham X

Software Bundle	Simplify3D License Software
Operating System	Windows/Mac
Supported File Formats	STL or GCODE
Connectivity	USB/SD CARD/Wi-Fi(optional as addon)
Power Requirements	230V, 50Hz, 780W
XY Gantry	THK Linear Motion Guide with BallScrew
X-Y Precision	11 Microns
Z Precision	10 Microns (WITH INDUSTRIAL BALLSCREW)
Body Hardware	All Metal MS Body
Printer Dimension	Customised
Printer Weight	250 KG
Printer Dimension	6 feet x 6 feet x 6 feet/8feet
Shipping Weight	270 KG (With Accessories Kit)



## Specifications Required for PC

Processor	Intel i7 or Better
Ram (Memory)	16 GB Ram
Graphics	Minimum 8 GB Ram
SSD Hard Drive	256 GB Minimum
HDD Hard Drive	512 GB
SMPS	650 W
Operating System	Windows 10 or Better





# Happy Users PAN India



And Many More...

# Industrial Client List



Many more.....

# Educational Client List



भारतीय प्रौद्योगिकी संस्थान रुड़की  
Indian Institute of Technology Roorkee

Many more.....



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