

FAB X

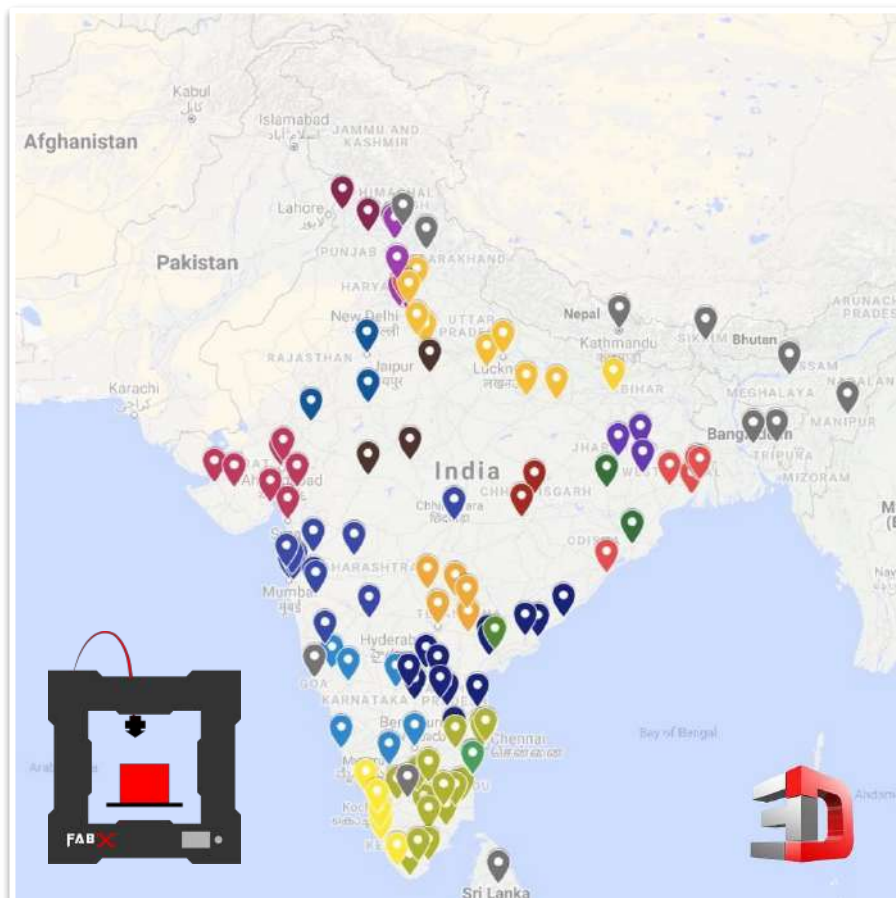
India's #1 Best Selling 3D Printers

The FabX Story

Back in 2013, when we were a tiny robotics startup called “Redd Robotics”, creating custom functional parts for our own robots was the single most challenging task. Back then, 3D Printing was almost non-existent locally or too expensive. Seeing many other peers in similar situations, we set out to work.

With the vision to introduce 3D printing to the masses, to fuel the curiosity & power the ideas of every maker to build & design products of their own in a fast, affordable manner, the first FabX was launched in 2015.

This vision has become a reality over the past few years. With 1000s of 3D Printers installed all over the country & then some, the FabX series today is India’s most popular 3D printer.

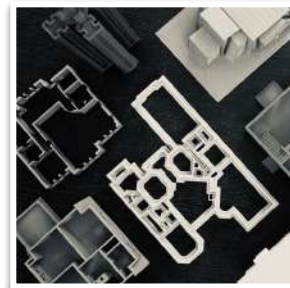
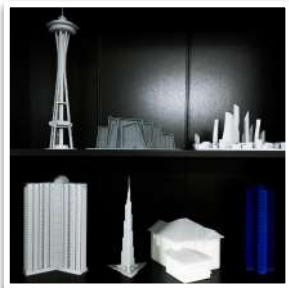
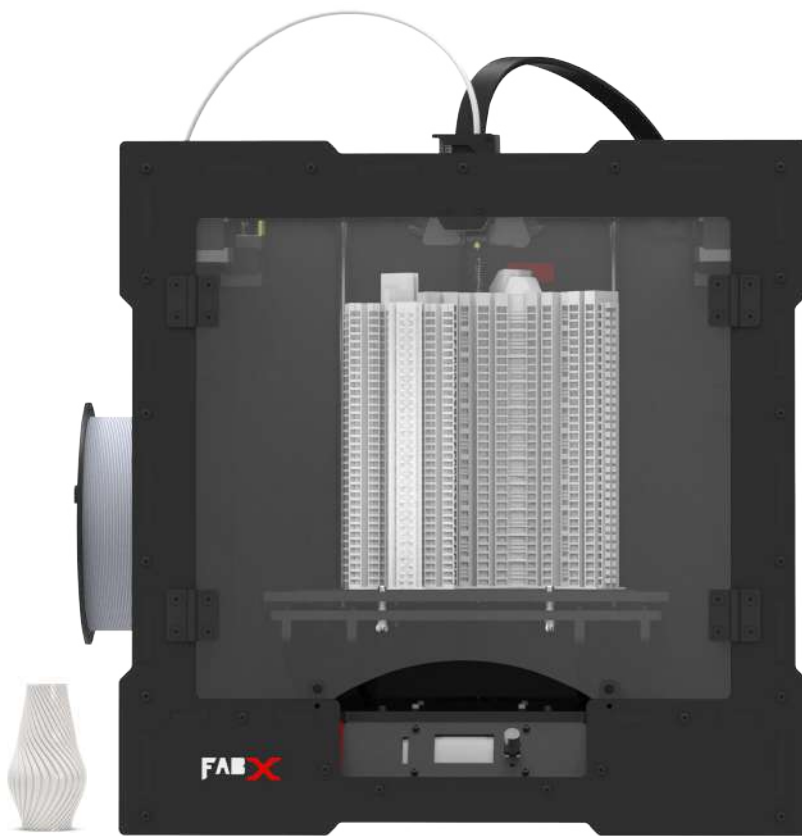


Locations we've shipped 1000's of 3D Printers to...

FAB X *for*

Product design
Architecture
Interiors

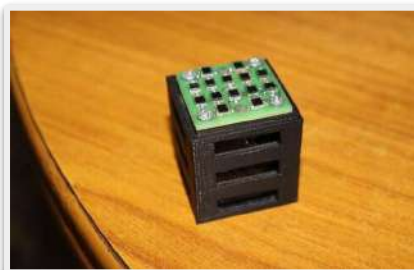
Designers can now create unique complex geometries that have never been seen before, be it for Creative Art, Elevations/Scale models of Architectural Buildings or for interior decors.



FAB X *for*

AeroSpace
Automobile

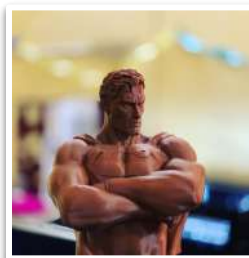
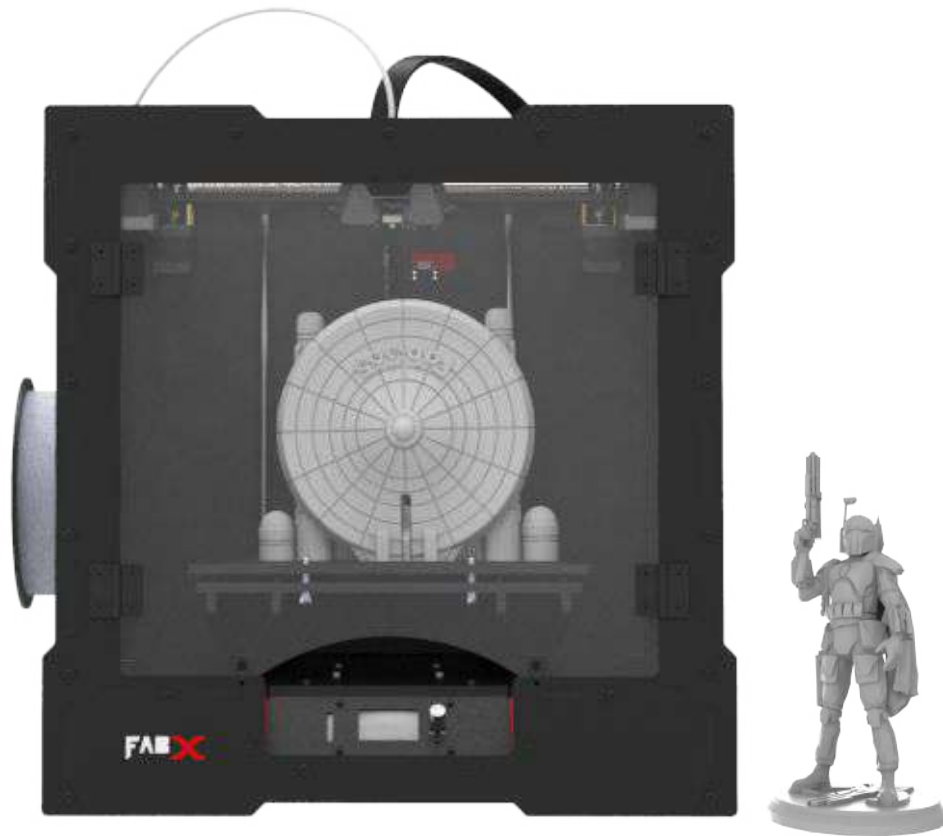
Did you know that three of the world's lightest satellites were 3D Printed on the FabX Pro & were launched into Space by NASA?



FAB X *for*

Media
Entertainment
Movies

Do not let manufacturing constraints stop your design freedom. Artists are free to create complex geometries that have never been seen before



FAB X *for*

Rapid Prototyping
Rapid Manufacturing
Agile Tooling

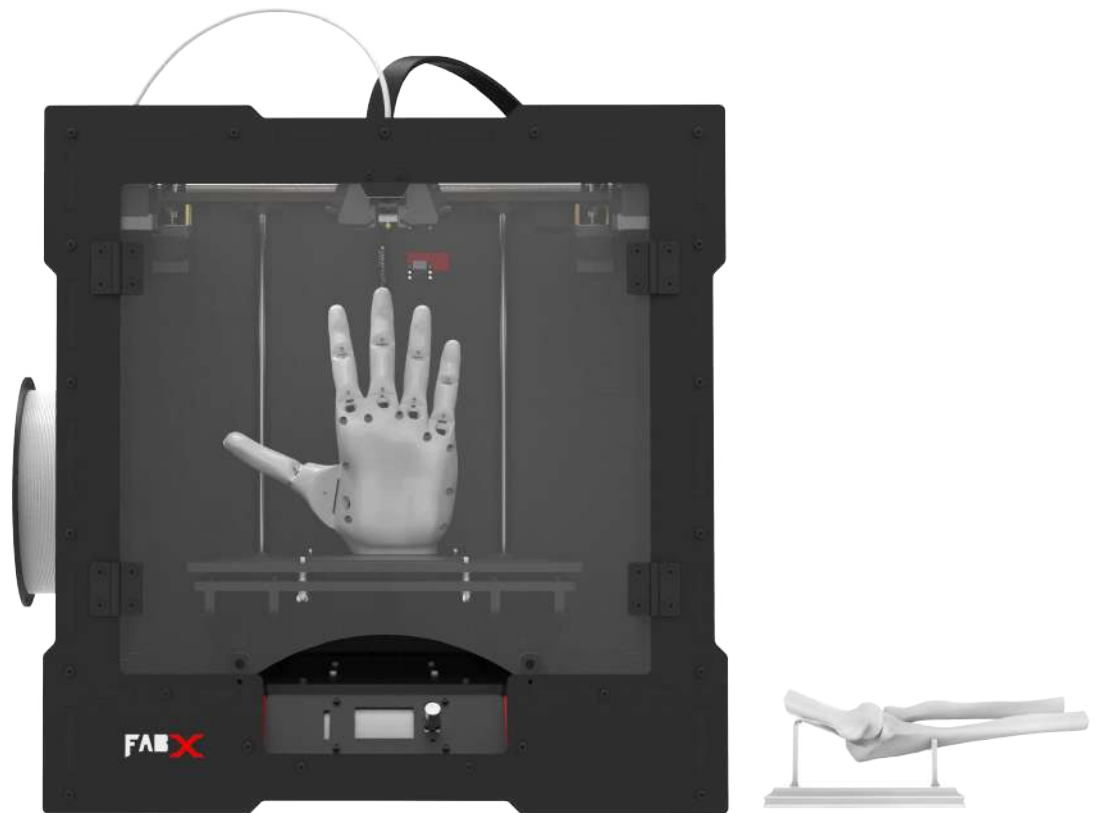
Build custom jigs, fixtures and tools in a matter of hours & not days or weeks. Make your manufacturing facility more flexible and turnaround orders at lightning speed, upto a 100x.



FAB X *for*

Healthcare
Dental
Prosthetics

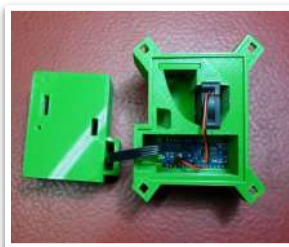
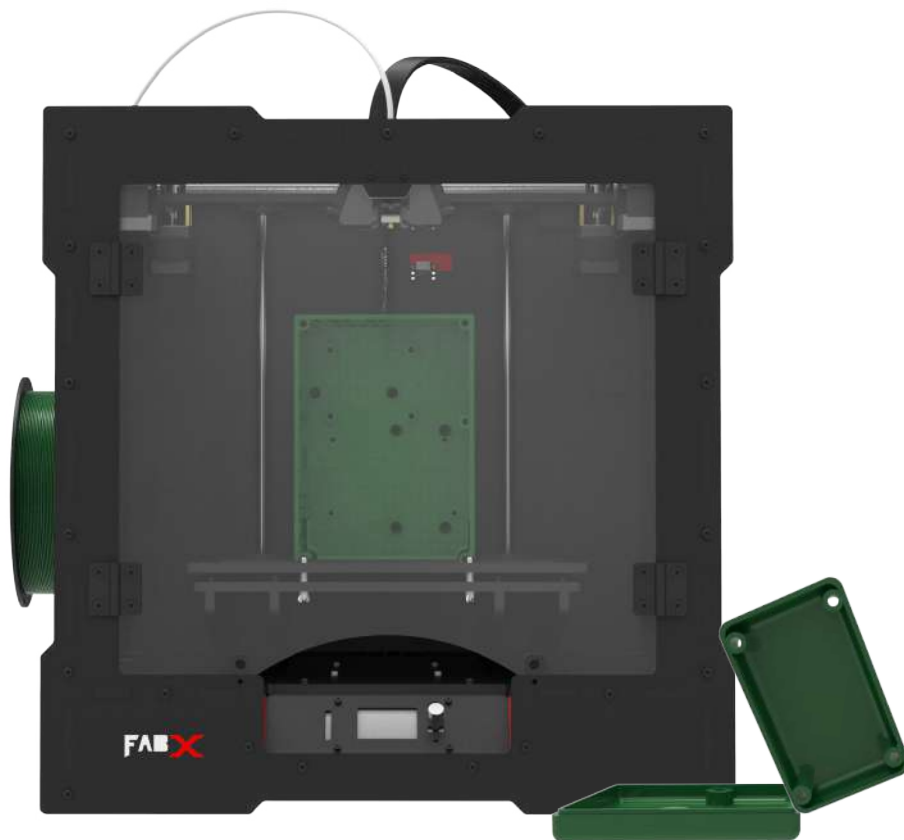
The ability to visualize a problem and understand it before solving has been a key to many innovators. Doctors and medical experts unfortunately need to get their work right the first time, no trials no redos or makeovers. 3D printing gives them this chance to practise till they feel they can get it perfect.



FAB X *for*

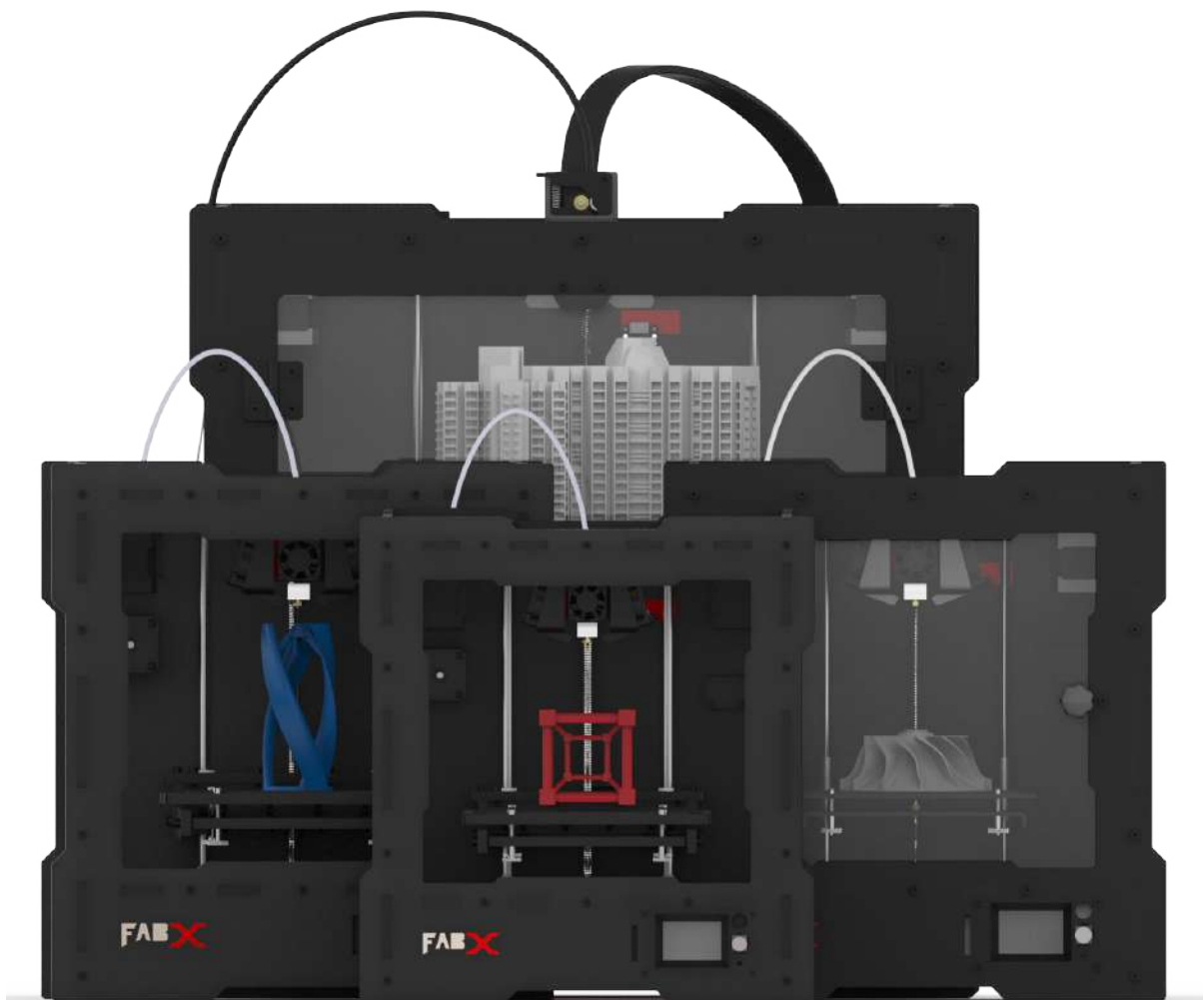
Cases
Enclosures

Making customized parts that are built to the perfect dimensions and have all the functionality if not more than a conventionally manufactured piece has been a challenge. Electronic cases and mechanical enclosures for hobbyists to industrial designers are 3D printed to help them build their projects without any of the manufacturing hassels

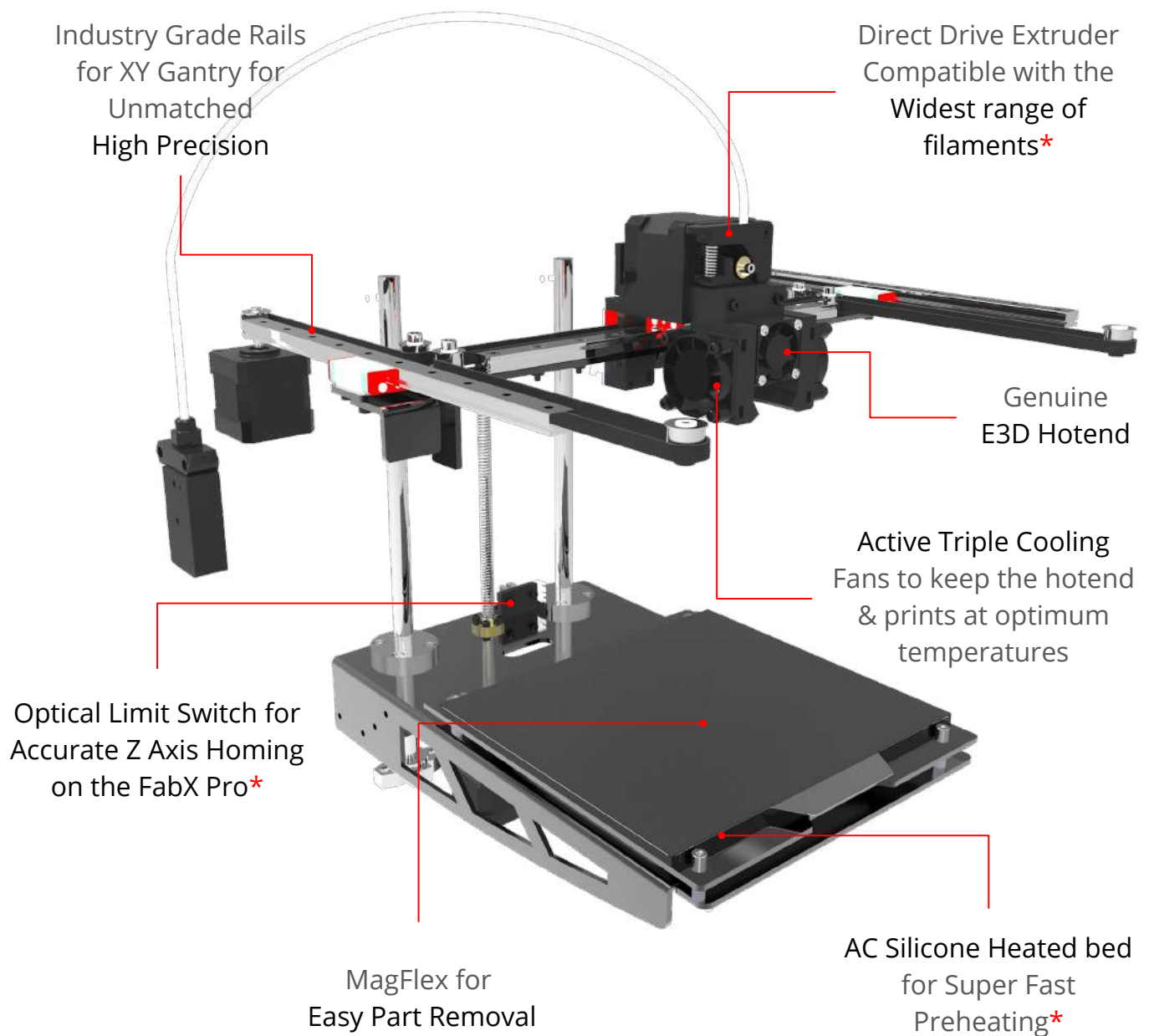


The #1 Best Seller for a reason

- ✓ Highest Precision
- ✓ Easy to Use
- ✓ Modern & Sleek
- ✓ Robust
- ✓ Future Proofed



The Best of Everything



Cloud3r

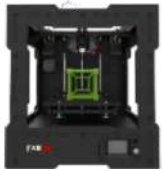
Powered by AstroPrint



- ✓ Connect your 3D Printer to the Cloud
- ✓ Monitor via Mobile App
- ✓ Full Touch Interface
- ✓ Automated Updates Over The Air
- ✓ Print Statistics

Note: Cloud3r Interface is an optional Add-on feature.
Also available as a Standalone Package for future upgrades
or Older Generation FabX 3D Printers.

A FabX for Everyone



FabX

120*120*120 mm³
1,728 cc

E3D Hotend
(Upto 245 °C)

MagFlex

Monochrome LCD

PLA, PLA+, PETG,
Composites: Wood,
Metal (Aluminium,
Brass, Bronze, Copper,
Gold), Marble, Silk etc

₹ 29,999/-



FabX Plus

150*150*150 mm³
3,375 cc

E3D Hotend
(Upto 245 °C)

MagFlex

Monochrome LCD

PLA, PLA+, PETG,
Composites: Wood,
Metal (Aluminium,
Brass, Bronze, Copper,
Gold), Marble, Silk etc

₹ 33,999/-



FabX Pro

170*170*170 mm³
4,913 cc

E3D Hotend
(Upto 295 °C)

MagFlex 2.0

Monochrome LCD,

Optional Cloud3r
(WiFi + Touchscreen +
Cloud Account)

Heated Bed
(Upto 120 °C)

PLA, PLA+, ABS, HIPS,
PETG, Nylon, PVA,
Flexible: (TPE, TPU),
Composites: Wood,
Metal (Aluminium,
Brass, Bronze, Copper,
Gold), Marble, Silk,
Carbon Fiber etc

₹ 69,999/-

+ ₹ 10,000/- for Cloud3r

or

Rent it for

₹ 6,999/- per Month
₹ 17,999/- per Quarter



FabX XL

270*270*300 mm³
21,870 cc

E3D Hotend
(Upto 295 °C)

MagFlex 2.0

Monochrome LCD,

Optional Cloud3r
(WiFi + Touchscreen +
Cloud Account)

Heated Bed
(Upto 120 °C)

PLA, PLA+, ABS, HIPS,
PETG, Nylon, PVA,
Flexible: (TPE, TPU),
Composites: Wood,
Metal (Aluminium,
Brass, Bronze, Copper,
Gold), Marble, Silk,
Carbon Fiber etc

₹ 1,19,999/-

+ ₹ 10,000/- for Cloud3r

or

Rent it for

₹ 11,999/- per Month
₹ 29,999/- per Quarter

Technical Specifications

Printing

Layer Resolution
50 to 300 microns/
0.05 to 0.3 mm

Positioning Precision
XY: 12 microns (0.0004 in)
Z: 2.5 microns (0.00025 in)

Filament Diameter
1.75 mm

Printing Temperature
175 - 245 °C (E3D Lite6)
- FabX, FabX Plus

175 - 295 °C (E3D V6)
- FabX Pro, FabX XL

Nozzle Diameter
- Default: 0.4 Mm

Nozzle Material
- Default: Brass

Interface
- SD Card
- USB
- Optional Cloud3r (WiFi,
Mobile App, Browser

Mechanical

Frame & Body Material
Reinforced Fiber &
Aluminium

Gantry
XY: H bot with High
Precision Rails

**Product Dimensions
(L X W X H) - in mm**
FabX -- 331 x 295 x 357
FabX Plus -- 361 x 325 x 387
FabX Pro -- 361 x 325 x 387
FabX XL -- 534 x 516 x 578

**Product Weight
(Without Spool)**
FabX -- 6 Kg
FabX Plus -- 7 Kg
FabX Pro -- 8.5 Kg
FabX XL -- 15 Kg

Electrical

AC Input
~230V, 50-60 Hz

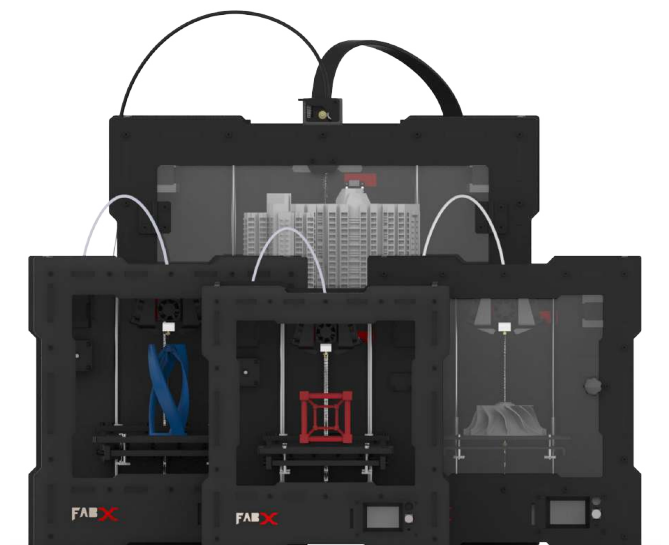
Power Consumption
60W (Heated Bed off) to
250W (Hotend & Heated
Bed at Max)

Software

Slicing Software
- Default: Cura
- Options: Simplify3D,
MatterControl, Slic3r

Input File Type
STL, OBJ

Operating System
Windows 7, 8, 10, Mac OS



Support & Service



- ✓ 1 Year Pan India Warranty
- ✓ Optional On-Site Training
- ✓ Optional AMC

About

3D'ing, founded in 2013, has grown to be the largest manufacturer of 3D Printers in India. Along with in-house manufacturing, 3D'ing also deals with other major 3D Printer brands including the likes of 3D Systems, Stratasys, Zortrax, Flashforge, etc allowing a wide variety of choices for customers. With direct offices across multiple cities and 12000+ FabX 3D Printers shipped out, 3D'ing commands roughly 50% of the FDM Market Share in India.

Apart from supplying 3D Printers, 3D'ing also offers Additive Manufacturing, Reverse Engineering, Product Design & Development as services, helps set up Additive Manufacturing Labs in educational institutions, organizes Learning Sessions & Corporate Trainings on 3D Printing around the country. On the services end, 3D'ing has 6,000+ paying customers in India.

Being the Category Leader in the Market, 3D'ing also helps few of the Big 4 with market trends & analysis.

3D'ing also organizes regular training sessions to evangelize 3D Printing, addressed directly by Mr Surendranath Reddy (CEO & CTO) & has impacted to the tune of 65,000+ people.

3Ding's parent company REDD is actively involved in the Research & Development of various disciplines like Robotics, Embedded Systems, Automation, Artificial Intelligence, Internet of Things, Bio-Technology & Consumer Electronics.

The brand 3D'ing is owned by the legal entity "Reddx Technologies Pvt Ltd." registered in Chennai, India.



All Offerings



Products

1. 3D Printers
 - 1.1. FFF/FDM 3D Printers
 - 1.2. SLA/DLP 3D Printers
2. 3D Scanners
 - 2.1. Structure Sensor
3. PCB Printers
 - 3.1. Voltera V1
4. Consumables
 - 4.1. Filaments for FFF/FDM 3D Printers
 - 4.2. Resins for SLA/DLP 3D Printers
 - 4.3. Conductive inks for PCB Printers



Rentals

5. 3D Printers on Rent (FabX Series)
- Monthly & Quarterly Tenures



Services

6. 3D Printing
- FDM, SLA, SLS, DMLS, CJP, Vacuum Casting etc
7. 3D Scanning
8. Product Development & Prototyping
9. Reverse Engineering



Training

10. 3D Printing Kickstarter Workshops
11. Master Class on 3D Printing - Online Course
12. Industry Specific Corporate Training on the above.
13. Faculty Development Training for Educational Institutions.

Clientele

15,000+ Clients including...



SAMSUNG

accenture

PHILIPS

Deloitte.



**ROYAL
ENFIELD**

TAFE

KONE



SHOPPERS STOP
START SOMETHING NEW



SAINT-GOBAIN





3D'ing

India's Largest Manufacturer of 3D Printers

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