

MACHINES/MATERIALS	ABS/PLA		PETG		TPU		RESINS*
	IITB	Non-IITB	IITB	Non-IITB	IITB	Non-IITB	
FDM - BAMBULABS X1CC 256 × 256 × 256 mm	₹3/gm	₹6/gm	₹4/gm	₹8/gm	₹5/gm	₹10/gm	
FDM - DIVIDE BY ZERO 500 x 500 x 500 mm	₹3/gm	₹6/gm	₹4/gm	₹8/gm			
FDM - STRATASYS 355 x 305 x 305 mm	₹100/gm + ₹500/print	₹200/gm + ₹500/print					
SLA - FORMLABS - 4B 200 × 125 × 210 mm							₹15/ml

Prices are indicative and final quote may vary based on specialized requirements

*The price is for basic resins, final quote might vary based on the requirement.

Machines	IITB	Non-IITB	Note
Wire EDM 400 × 300 × 250 mm	₹400/hour	₹500/hour	Charges will vary for difficult to cut materials (e.g. carbides) Will be charged for minimum 1 hour.
EDM Drill (0.3 - 3 mm) 400 × 300 × 300 mm	₹3/mm	₹5/mm	Minimum charges will be ₹100/Job.
EDM Die Sinking 200 × 150 × 200 mm	₹100/hour	₹200/hour	Will be charged for minimum 1 hour
VMC	₹400/hour	₹500/hour	Will be charged for minimum 1 hour
LASER Cutter	₹5/minute	₹10/minute	Minimum charges will be ₹100/Job.
Surface Grinding	₹2/sq.inch	₹4/sq.inch	
Painting Booth 800 × 800 × 800 mm		Starting from ₹500/part	

BAMBU LABS X1CC

256 × 256 × 256 mm

Fused Deposition Modelling (FDM)

Printing Head Temperature

Up to 300°C

Heated Table Temperature

Up to 120°C

Chamber Temperature

Up to 60°C

Supported Materials:

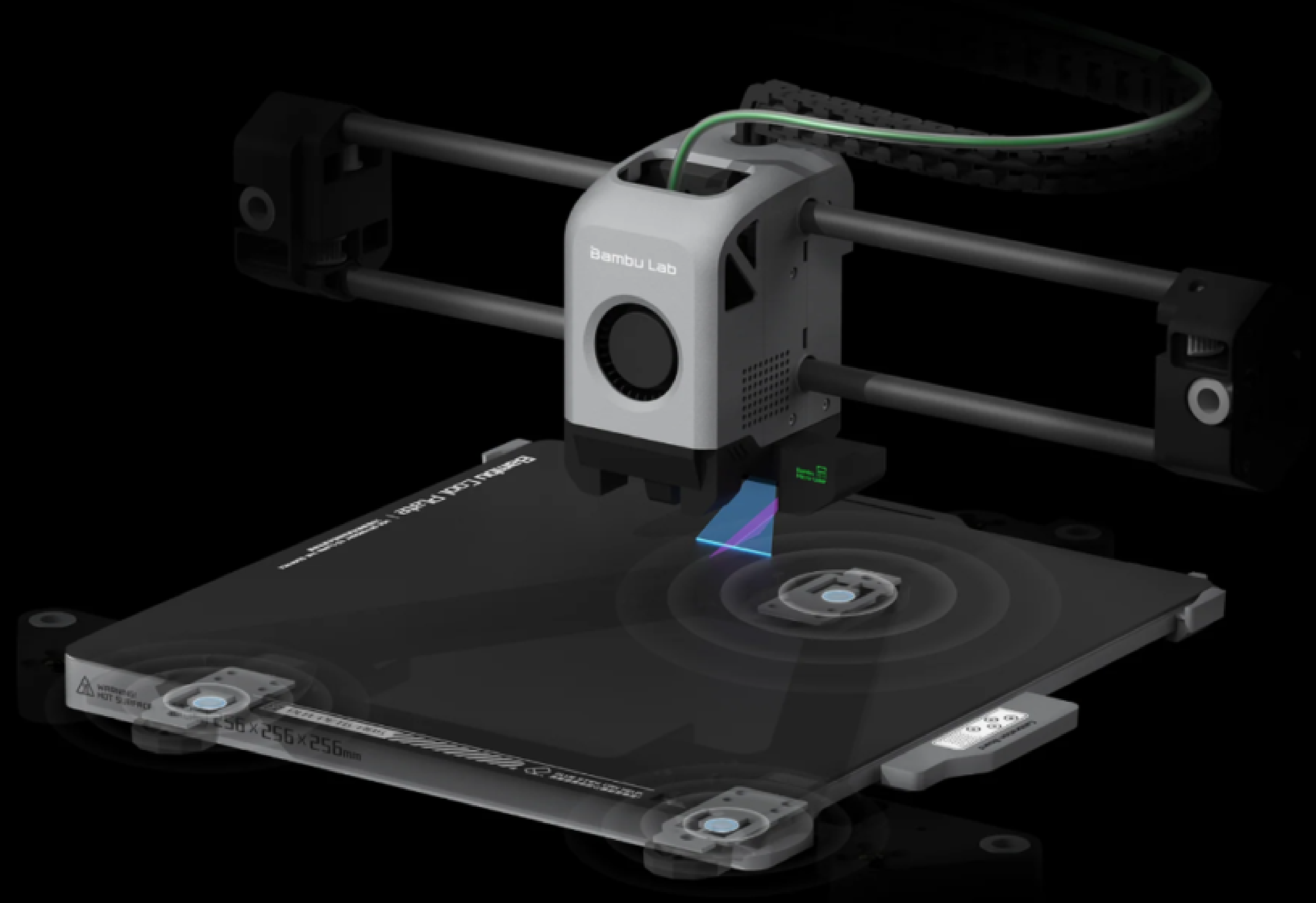
PLA, PETG, TPU, ABS, ASA, PVA, PET, PA, PC, Carbon/Glass Fiber Reinforced Polymer

AI Features

First-layer inspection, spaghetti failure detection

Applications

Rapid prototyping, functional parts, and detailed multi-color models. From engineering and manufacturing to home DIY, art, and education, they enable custom tools, fixtures, and assistive devices with speed and precision.



DIVIDE BY ZERO - Aion 500 MK2

500 × 500 × 500 mm

Fused Deposition Modelling (FDM)

Printing Head Temperature

400°C

No. of extruders

2

Layer Precision

0.1-0.30 mm

Heated Table Temperature

Up to 150°C

Maximum Print Speed

200mm/sec

Supported Materials

ABS, PLA, HIPS, PETG, Carbon fibre,
AFPM special material, Polycarbonate,
AFPM Carbon fibre

Applications

Ideal for automotive, aerospace,
tooling, and product design industries
for large parts



Stratasys 380mc

355 × 305 × 305 mm

Fused Deposition Modelling (FDM)

Printing Head Temperature

315°C

Heated Table Temperature

Up to 73°C

Layer Thickness

0.013 in, 0.010 in, 0.007 in, 0.005 in

Support Structure

Soluble for most materials, break-away for PC-ISO

Supported Materials

ABS-M30 ABS-M30i ABS-ESD7 ASA
FDM Nylon 12 FDM Nylon 12cf PC-ABS
PC PC-ISO SR20, SR30, SR35, SR100,
SR110, PC-BASS

Applications

Functional prototypes, production-grade tooling and end-use components where tight tolerances and certified materials are essential. Biocompatible ABS for surgical grade cutting guides and implants



Medical Grade ABS M30i



services@betic.org | services.betic.org

Ultrasonic Cleaner for Support Removal

Formlabs 4B

200 × 125 × 210 mm

Stereolithography (SLA)

Printing Head Temperature

315°C

Heated Table Temperature

Up to 73°C

Layer Thickness

0.013 in, 0.010 in, 0.007 in, 0.005 in

Support Structure

Soluble for most materials, break-away for PC-ISO

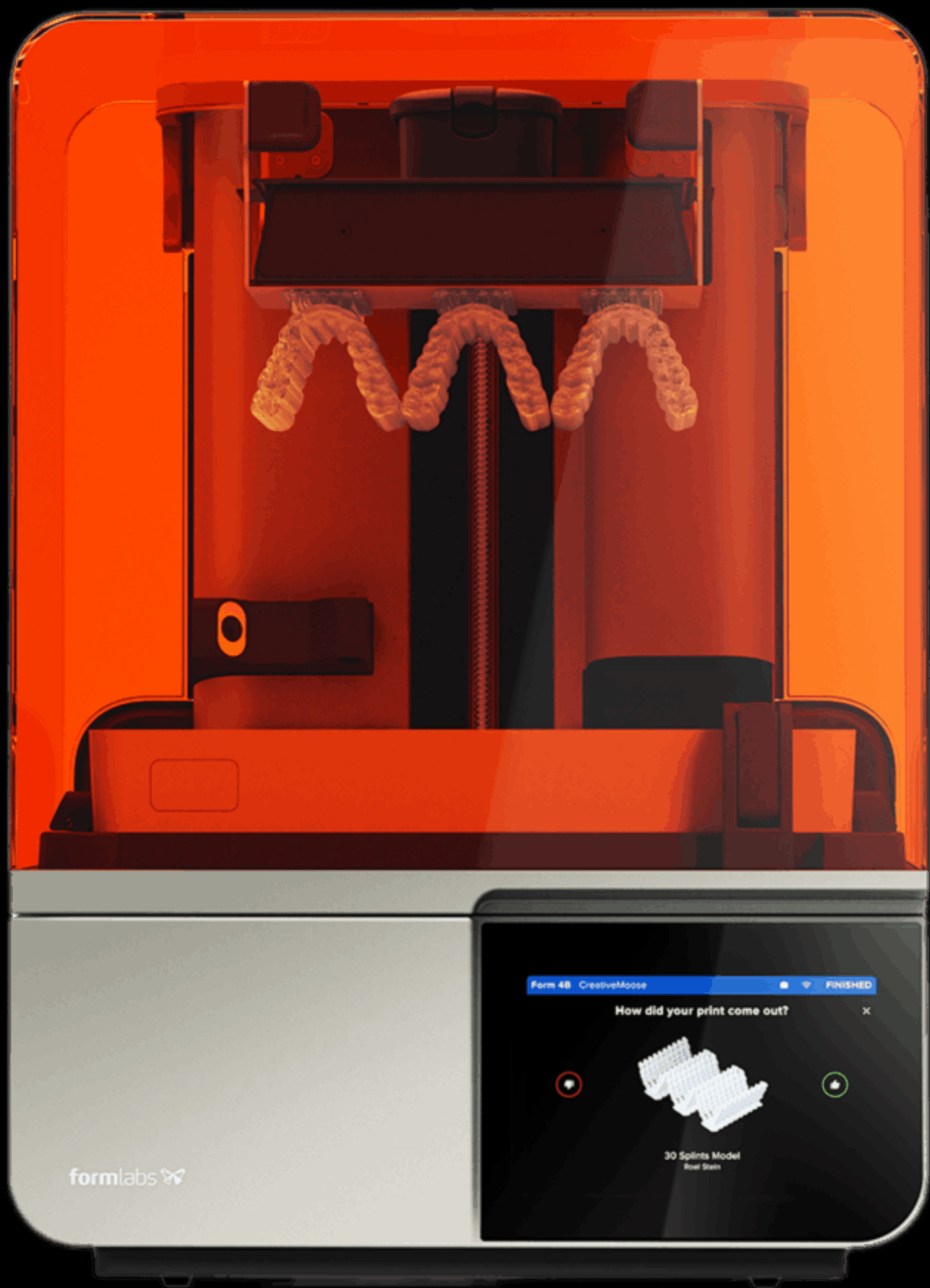
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ABS-M30 ABS-M30i ABS-ESD7 ASA
FDM Nylon 12 FDM Nylon 12cf PC-ABS
PC PC-ISO SR20, SR30, SR35, SR100,
SR110, PC-BASS

Applications

Ideal for dental and medical industries for 3D printing dental restorations, medical devices, and anatomical models

Medical Grade



Form 4B

Printing



Form Wash

Automatic Cleaning



Form Cure

Post Curing

EDM DRILL MACHINE

400 × 300 × 300 mm

Speed III CNC (3 Axes)

Electrode Pipe Dia.

0.3 to 3.0 mm

Max. Drilling Depth

300 mm

Work Table Size

600 × 450 mm

Travel X axis

450 mm

Travel Y axis

350 mm

Travel Z axis

300 mm

Travel W axis

230 mm



EDM DIE SINKING MACHINE

400 × 300 × 300 mm

ELTECH-D 300 ZNC

Work Tank Size

800 × 500 × 350 mm

Work Table Size

500 × 300 mm

Longitudinal Travel (X)

300 mm

Transverse Travel (Y)

200 mm

Quil Travel(Z)

250 mm

Max.permitted load on table

300 kg



WIRE EDM

400 × 300 × 250 mm

TOOL MASTER 4S

Table size

675 X 540 mm

Work-tank Internal Dimensions

850 X 800 mm

Main Table Travel X, Y

400 X 300 mm

Auxilliary Table U,V

100 X 100 mm

Z-axis Travel

300 mm

Maximum Taper Angle

± 35/50 Deg/mm

Job Admit

295 (F)/250 (S) mm

Maximum Work-piece weight

500 kg

Machining Type

Submerge flush

Wire Diameter

0.1 ~ 0.3 mm

Best surface Finish

0.4 μRa



SURFACE GRINDING MACHINE

500 × 250 mm

NH 500

Table W

250 mm

Table L

500 mm

Horz/Vert

Horizontal

Power

1.5 kW

Grinding Wheel Width

300 mm

Grinding Wheel Dia

50.8 mm

Dimensions

1250 × 1450 × 1650 mm

Weight

1200 kg



LASER CUTTER MACHINE

CO2 DC Glass Laser

4×4

Working Area

1200 × 1200 mm

LASER Type

CO2 DC Glass Laser

Wavelength

10.6 μm

Reposition Accuracy

0.1 mm

Cutting Speed

30000 mm/min

Engraving Speed

64000 mm/min

Acceleration Speed

1G



Vertical Machining Centre

520 × 475 × 475 mm

ECO 500

X-Y-Z Axis Travel

520 × 475 × 475 mm

Spindle Power

7.5 kW

Spindle Speed

80-8000 RPM

Number of Axes

3 Axis

Job Material

Aluminium, Cast Iron, Titanium, Steel

Spindle Taper

BT-40

Table Working Surface Size

450 × 650 mm

Table T-Slot Size

3 × 14 × 125 mm

Table Maximum Load

300 kg

Positioning Accuracy

0.01 mm

Repeatability Accuracy

0.007 mm

Cutting Feed Rate

1-10000 mm/min



Painting Booth

800 × 800 × 800 mm

