



ROBO INVENTIONS

Robo Inventions,

House no. 007, Thanal, Near Udyan
convention centre, Behind Kent's 'Nalukettu'
Kottankavu - Arkakkadavu Road Vennala
Cochin - 682028
Kerala, India

www.roboinventions.com

Phone: +91 - 484 - 3068676 | support@roboinventions.com



3D PRINTER

ADD THE 3rd DIMENSION TO YOUR DESIGNS



ROBO INVENTIONS



India's First Dual Extrusion 3D printer

The most affordable 3D printer that can be used right out of the box. Perfect for beginners and experts alike, just plug in the printer, download or create models, hit print, and watch your custom creations form right before your eyes.

Z3D is the best investment you will make in your business. With versatile materials and unmatched quality.

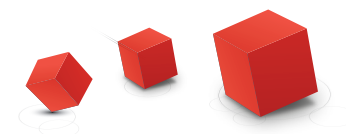
Architects, product designers and animators will benefit from quick, inexpensive scale models captivating their client's imagination, generating more sales. Engineers and manufacturers will save thousands of rupees and man hours annually by printing in-house what they once had to outsource. Educators will finally have a 3D printer versatile, durable and safe enough for use in all grades and subjects.



- Extruders : 2 Nos.
- Build dimension : 230 X 150 X 140 mm
- Resolutions : 75, 100, 200 and 300 microns
- Print speed : 40 - 120 mm/sec
- Nozzle diameter : 0.4 mm
- Nozzle temperatures : Up to 260°C
- Filament diameter : 1.75 mm
- Build plate : Upto 130°C
- Connectivity : USB or SD card
- Advanced feature : Filament cooling fan

- Highest in class resolution of 75 microns
- Treated glass build plate for warp free builds and hassle free removal
- Filament cooling fan for more precise prints
- Tangle free spool holders
- Removable plate for easy operations
- Raft less printing for less material wastage
- Intuitive user interface bundled with the purchase

- Concept modelling
- Functional Prototypes
- Manufacturing tooling
- Medical industry – dentistry, custom prosthetics
- Jewelry design – reduce material wastage
- Fashion industry – designer shoes, eye-wear, customised jewellery
- Branding – key chains, logos, custom branded trinkets
- Product design – lead time reduction
- Architectural modelling – fine detailed representation of models
- Animation industry – visualization of character designs



Filaments available at our store

Standard ABS and PLA	PVA	HIPS	PETG	Colour changing
Natural	Natural	White	White	Blue green to Yellow green
Black	Nylon	Black	Black	Grey to White
White	White	Red	Natural	Blue to White
Grey	Black	Blue	Red	Purple to Pink
Yellow	Natural	Yellow	Blue	Conductive
Orange	Red	Green	Yellow	Black
Blue	Blue	Natural	Green	Special ABS and PLA
Green	Yellow	Grey	Wood	Luminous green
Red	Green	Orange	Natural	Luminous blue
Pink	Rubber	Purple	Light Grey	Christmas green
Purple	White	Gold	Glow in the dark	Galaxy blue
Gold	Black	White	White	Fluorescent red
Silver	Red	Blue	Blue	Fluorescent yellow
Brown	Blue	Green	Green	Fluorescent green
Transparent	Yellow	Yellow	Yellow	Fluorescent blue
Light grey	Green	Purple	Purple	Fluorescent orange
Dark brown				
			POM	
			Natural	
			PC	
			Natural	

*ACTUAL COLOURS MAY VARY