



## DECOUVERTES FUTURE TECH PRIVATE LIMITED

Registered Address :- E602, Megapolis Springs,,Phase 3  
Hinjawadi, Mulashi, Pune, Maharashtra, India - 411057

Contact :- 9561103435 Email : - ShivamSoni@decouvertes.in  
Website :- www.decouvertes.in

### Product Name: DFT250

DFT 250 Industrial-Grade FDM 3D Printer (Fully Enclosed, High-Speed, Multi-Material Compatible)

### Product Description:

The DFT 250 is an industrial-grade, high-precision FDM 3D printer developed by Decouvertes Future Tech Pvt. Ltd., tailored for professional prototyping, design validation, and small-batch manufacturing. Compact yet powerful, it features a 250×250×200 mm build volume, fully enclosed body, and high-temperature compatibility—ideal for PLA, ABS, PETG, TPU, and carbon fiber-reinforced materials.

Designed for engineers, researchers, and technical institutes, the DFT 250 is built using high-end mechanical components like GATES belts, LDO motors, and Trianglelab Rapido hotend—delivering speed, accuracy, and long-term reliability.

### Technical Specifications

Category	Specification
Brand	Decouvertes Future Tech Pvt. Ltd.
Model	DFT 250
Technology	FDM (Fused Deposition Modeling)
Build Volume	250 mm × 250 mm × 200 mm
Machine Dimensions	Approx. 420 mm × 420 mm × 480 mm
Weight	~25 kg
Enclosure	Fully enclosed
No. of Extruders	1
Extruder Type	All-metal Direct Drive
Hotend	Triangle lab Rapido UHF with PT1000
Nozzle Sizes Supported	0.2 mm – 1.2 mm
Max Nozzle Temp	320 °C
Max Bed Temp	110 °C
Chamber Temp (Passive)	Up to 60 °C
Layer Height	0.1 mm minimum
XY Accuracy	±0.1%
Print Speed	Up to 300 mm/s



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Travel Speed	Up to 500 mm/s
Acceleration	Up to 10,000 mm/s <sup>2</sup>
Bed Leveling	Automatic
Build Plate	Spring Steel Sheet (PEI – smooth + textured)
Supported Filaments	PLA, ABS, PETG, TPU, Wood, Carbon Fiber, Marble
Filament Diameter	1.75 mm
Display	12864 LCD
Connectivity	Wi-Fi
Supported Software	Cura, Prusa Slicer, Simplify3D
Supported OS	Windows, MacOS, Linux
Supported File Formats	STL, OBJ, GCODE
Drivers	TMC2209 Silent Stepper Drivers
Belts	Genuine GATES POWERGRIP® LL-2GT RF
Motors	LDO high-temp motors
Cooling Fans	GDS Time high-flow
Linear Guides	Anti-corrosion black precision guides
Power Supply	Genuine Meanwell Industrial PSU
Safety Features	Thermal runaway protection, resume-on-power-loss
Warranty	1 Year (excluding consumables)

### Pricing Structure

Component	Amount (INR)
Base Product Price	₹2,50,000
GST @18%	₹45,000
Total (Product Only)	₹2,95,000

Final Price to List on GeM: **₹2,95,000 (Inclusive of GST)**



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### Add-On Training Service (Optional)

Service	Base Price (INR)	GST @18%	Total (Incl. GST)
3-Day On-Site Technical Training	₹45,000	₹8,100	₹53,100

#### Note:

- Customer will bear the cost of airfare and accommodation for the trainer (minimum 2-star hotel for 3 nights).
- Training includes printer setup, slicing, maintenance, troubleshooting, and advanced print settings.
- Training available PAN India on prior scheduling.

### Tax & Regulatory Details

- HSN Code: 8477
- GST Rate: 18%
- Input Tax Credit Eligible: Yes
- Make in India Compliant: ☒
- Location: Pune, Maharashtra
- GeM Category: FDM 3D Printer
- Warranty: 1 Year (onsite support available in select cities)

### Target Applications

- Automotive & Aerospace Prototyping
- Product Design & R&D
- Engineering & Diploma Institutes
- Tooling & Jig Development
- Architecture, Fashion, and Industrial Models

### Package Includes

- DFT 250 3D Printer
- Power Cable
- Pre-applied PEI Build Sheet (Textured + Smooth)
- Tool Kit for Maintenance
- Sample Filament (250g)
- Quick Start Manual

### Product Image

[www.decouvertes.in](http://www.decouvertes.in)



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