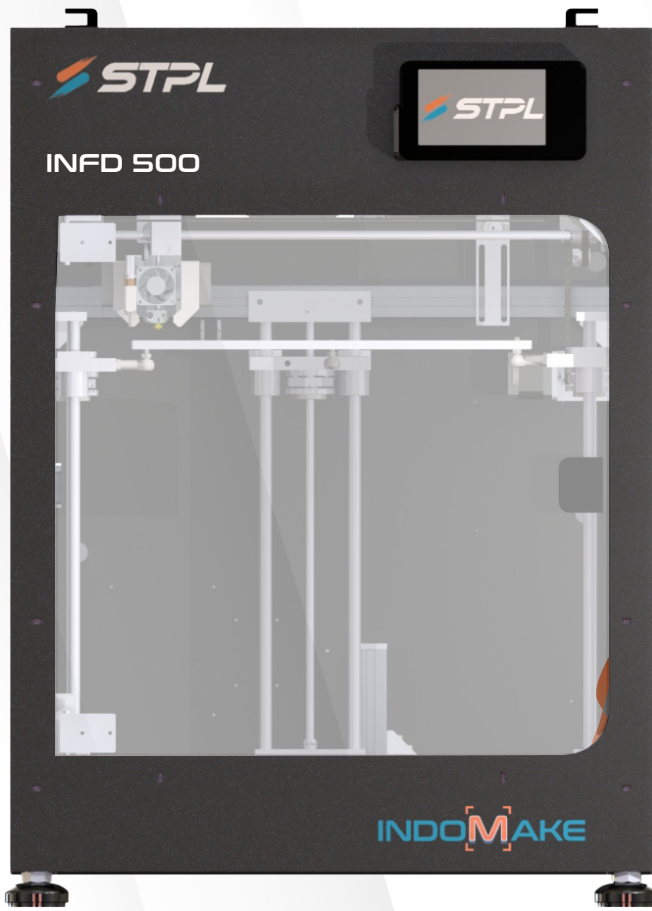




# INDOMAKE INFD 500

HIGH-PERFORMANCE FDM 3D PRINTER  
FOR INDUSTRIAL-GRADE APPLICATIONS



Fully Automatic Bed Levelling

PEI Textured Bed

 **MADE IN INDIA** 



ISO 9001 : 2015  
MANUFACTURING  
FACILITY



DSIR-GOVERNMENT  
OF INDIA CERTIFIED  
IN-HOUSE R&D UNIT



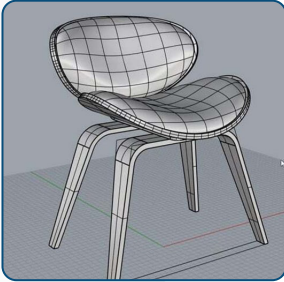
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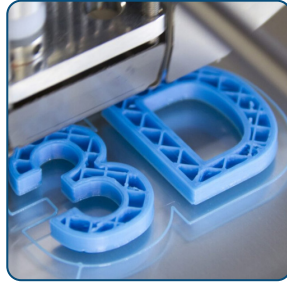
ISO 13485  
CERTIFIED  
COMPANY

The **INDOMAKE INFD 500** from STPL 3D is designed for industries seeking **precision, speed, and reliability** in additive manufacturing. With a larger build volume and enhanced capabilities, it is the perfect solution for rapid prototyping, customized manufacturing, and small-batch production. Combining robust engineering and user-friendly features, the INFD 500 ensures **consistent high-quality output** for diverse industrial applications.

**DESIGN**



**PRINT**



**PROTOTYPE**



**PRODUCTION**



**ADVANCE FEATURES**



**Large Build Volume:** 500 x 500 x 500, mm



**Enhanced Print Speed:** Achieves up to 80 mm/s for faster project completion



**Fully Automatic Bed Levelling:** Dynamic adjustment ensures superior first-layer adhesion



**Power Failure Recovery:** Resume printing seamlessly after power interruptions



**Filament End Detection & Clog Detection:** Prevents print failures for reliable outcomes



**Durable Build:** Sturdy design with hardened steel nozzle and direct drive extruder



**Connectivity:** Wi-Fi, LAN, Type-C, and USB for convenient operations

**ITERATE  
FAST**

**PRODUCE  
FASTER**

**GET TO  
MARKET  
FASTEST**

## BENEFITS

**Industrial Material Compatibility**

**Reduce Expenses in Prototype Development**

**90% faster lead time in Prototype Development**

**Quality Consistency**

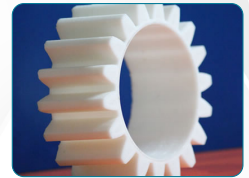
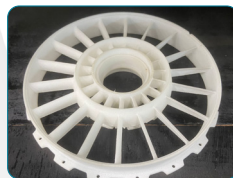
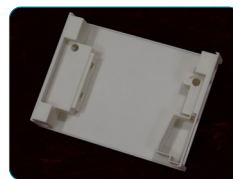
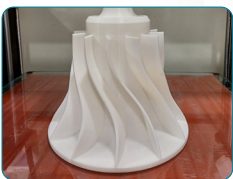
**Industrial Grade output**

**After Sales Service Support**

## TECHNICAL SPECIFICATIONS

Build/Bed size	500 mm x 500 mm x 500 mm		
Material/Filament Support	PLA, ABS, HIPS, PC, TPU, TPE, Nylon, PETG, ASA, PP, Fibre-Glass Infused, Carbon-Fibre Infused (≤300°C)		
Nozzle Diameter Support	0.4 mm / 0.6 mm / 0.8 mm		
Nozzle Type (MOC)	Hardened Steel		
Extruder	Single		
Print Speed	(varies by geometry & material)	Up to 100 mm/s	
Travel Speed	Up to 120 mm/s	Machine Weight	~120 kg
Print Acceleration	500 – 1000 mm/s <sup>2</sup>	Power Supply	230 VAC, 3–5A
Theoretical Print Accuracy	± 600 µm (with 0.4 mm nozzle)	Access via Computer	Yes
Maximum Extruder Temperature	300 °C	Touch Display	Yes
Bed Temperature	100 °C	Connectivity to SBC	Yes (Wi-Fi via intranet)
Part Cooling	Available	Pause / Resume Print	Yes
Extruder Drive	Direct	Nozzle Clog Detection	Available
Resume on Power Failure	Available	Auto-Pause on Clog	Available
Bed Levelling	Fully Automatic Mesh Bed Levelling	Filament End Detection	Available
Dimensions – with Enclosure	810(W) x 930(D) x 1120(H)		

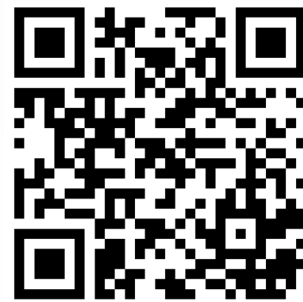
## PRINTING SAMPLES



# OUR CLIENT BASE



GET A QUOTE



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