MINI-N

BIG IDEAS, SMALL FOOTPRINT

A Compact, Powerful 3D Printer
for Everyday Makers.



Compact & Space-Saving

High-Precision Printing

PLA, PETG, TPU & More

Easy Setup & Reliable

Explore the MINI-N at **nfil3d.com**

02 — ABOUT US

DRIVEN BY EXPERIENCE.
BUILT FOR INNOVATION.

N-Fil3D was founded by individuals with more than 37 years of experience in manufacturing engineering plastic compounds and biopolymers, serving clients such as IFB, Crompton, Bajaj, Surya, Godrej and Symphony.

Your one-stop 3D printing solution

We manufacture a wide range of high-quality 3D printers and 3D filaments, and supply 3D pens, 3D resins, 3D scanners, spares and accessories.

Quality at every stage

Our facility spans 4 lakh square feet and includes an in-house laboratory that tests the thermal, mechanical and rheological properties of each batch of 3D filament. We also run a range of 3D printers, including our own, to assess filament quality.

An Indian startup registered with the Government of India under DIPP (recognition number DIPP22873), certified to CE and ISO 9001:2015 standards.

37+
YEARS OF EXPERIENCE

4 lakh sq. ft.
MANUFACTURING FACILITY

In-house
TESTING & RESEARCH



03 — MINI N

SMALL DESK. BIG IDEAS.



200 × 200 × 200 mm of build volume in a printer that fits on any desk.

A sturdy gantry, a glass bed and printing speeds up to 150 mm/s. Built for beginners, students, hobbyists and makers who want to start printing without giving up a whole workbench.

200 × 200 × 200 mm

BUILD VOLUME

04 — FEATURES

SIX FEATURES. ONE COMPACT PRINTER.

01

COMPACT FOOTPRINT



Works more, consumes less space. A 200 mm cube of build volume on a desktop-sized frame.

02

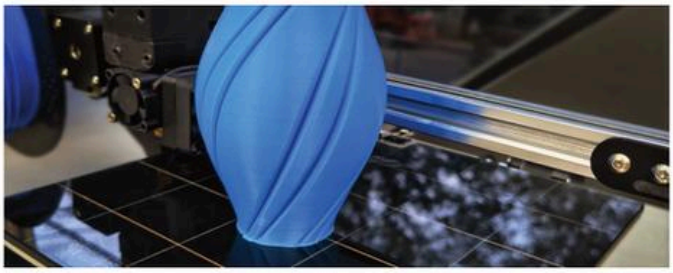
STURDY GANTRY



A rigid gantry keeps movement controlled for clean layers and zero vibration transfer.

03

GLASS BED



A flat glass build plate for consistent first layers and smooth bottom surfaces.

04

LED SCREEN



A simple on-board LED display for temperatures, progress and settings.

05

99.8% ACCURACY



Advertised dimensional accuracy of 99.8% for parts that measure the way they were designed.

06

KIDS FRIENDLY



No sharp edges and a 240 V low-voltage power supply. Use with adult supervision.

05 — TECHNOLOGY & PERFORMANCE

PERFORMANCE IN NUMBERS.

150 mm/s

PRINTING SPEED

99.8 %

DIMENSIONAL ACCURACY

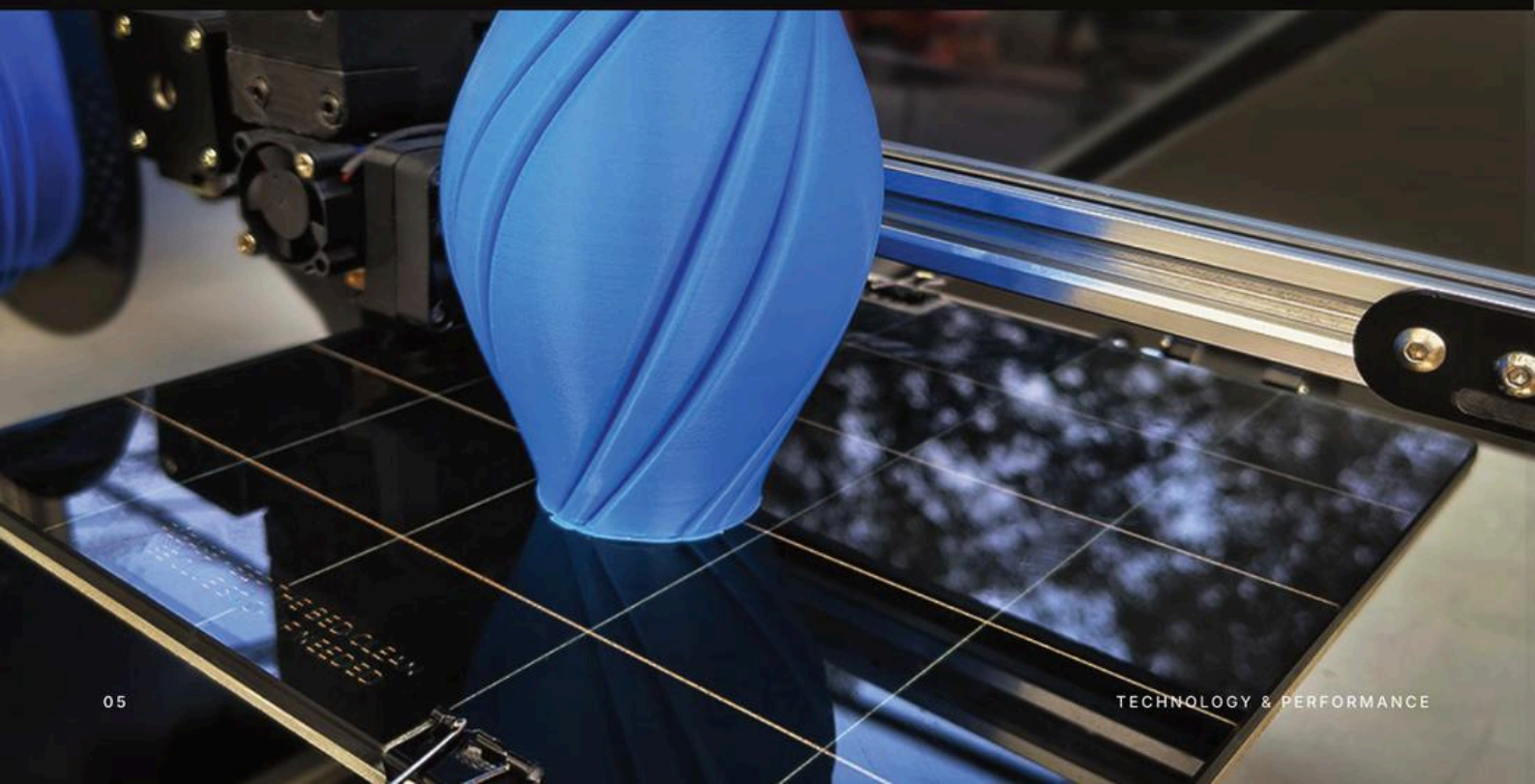
200 mm

BUILD VOLUME, EACH AXIS

FDM

PRINTING TECHNOLOGY

DISPLAY	PRINT BED	POWER
LED screen	Glass bed	240 V low voltage



06 — APPLICATIONS & MATERIALS

BUILT FOR EVERY MAKER.

Beginners
FIRST PRINTS, FIRST DESIGNS

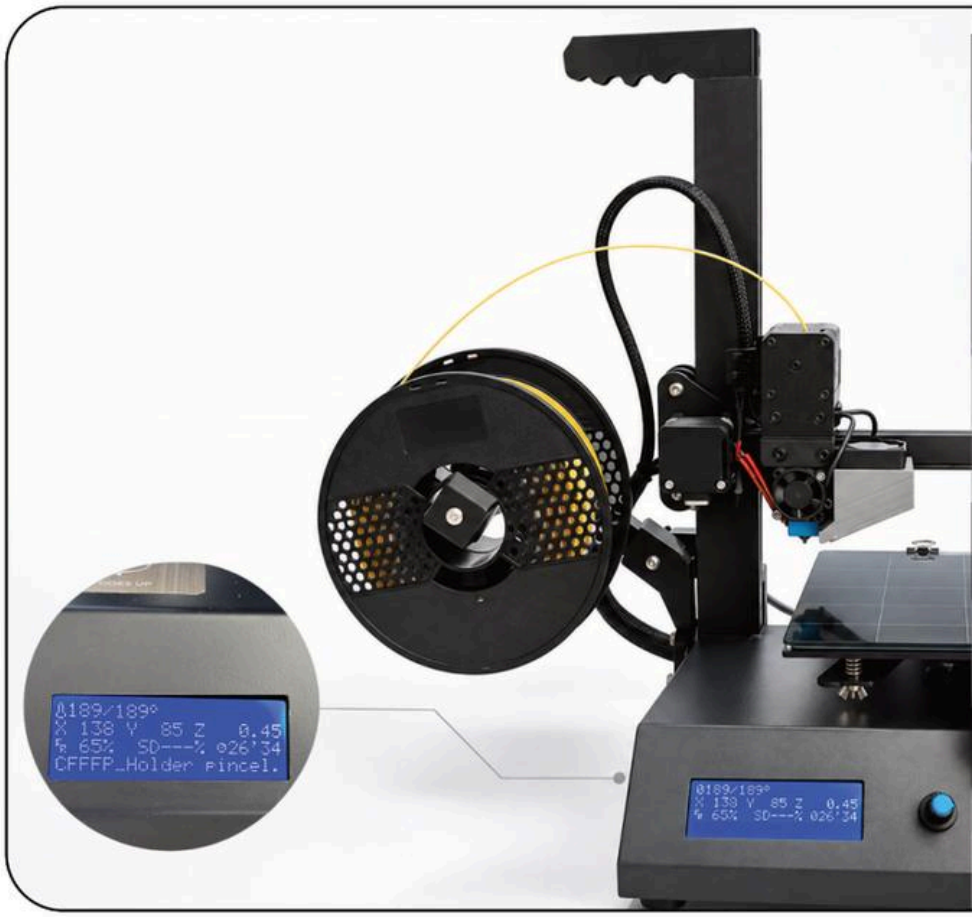
Students
STEM AND CLASSROOM PROJECTS

Hobbyists
MODELS, MINIATURES AND DÉCOR

Makers
PROTOTYPES AND DIY PARTS

Educators
LEARNING MATERIALS AND DEMOS

Designers
EARLY CONCEPT MODELS



TYPICAL DESKTOP WORK

01
Educational and STEM projects

02
Miniatures and decorative models

03
Product design and prototyping

04
DIY and home projects

05
Creative art and custom designs

Sharp details, layer by layer.



07 — TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS.

BUILD VOLUME	200 × 200 × 200 mm
PRINTING SPEED	Up to 150 mm/s
DIMENSIONAL ACCURACY	99.8 %

BUILD

Printer type	FDM / FFF
Build volume	200 × 200 × 200 mm
Frame	Sturdy gantry
Print bed	Glass bed

SPEED & ACCURACY

Printing speed	Up to 150 mm/s
Dimensional accuracy	99.8% (advertised)

OPERATION

Display	LED screen
Power	240 V low voltage
Materials	Compatible FDM filament

DESIGN

Form factor	Compact desktop printer
Safety	No sharp edges
Intended users	Beginners, students, hobbyists, makers



MINI-N 3D PRINTER

Big Ideas, Compact Printing.

A powerful, easy-to-use 3D printer for students, makers, and creators.



Explore the Mini-N

nfil3d.com