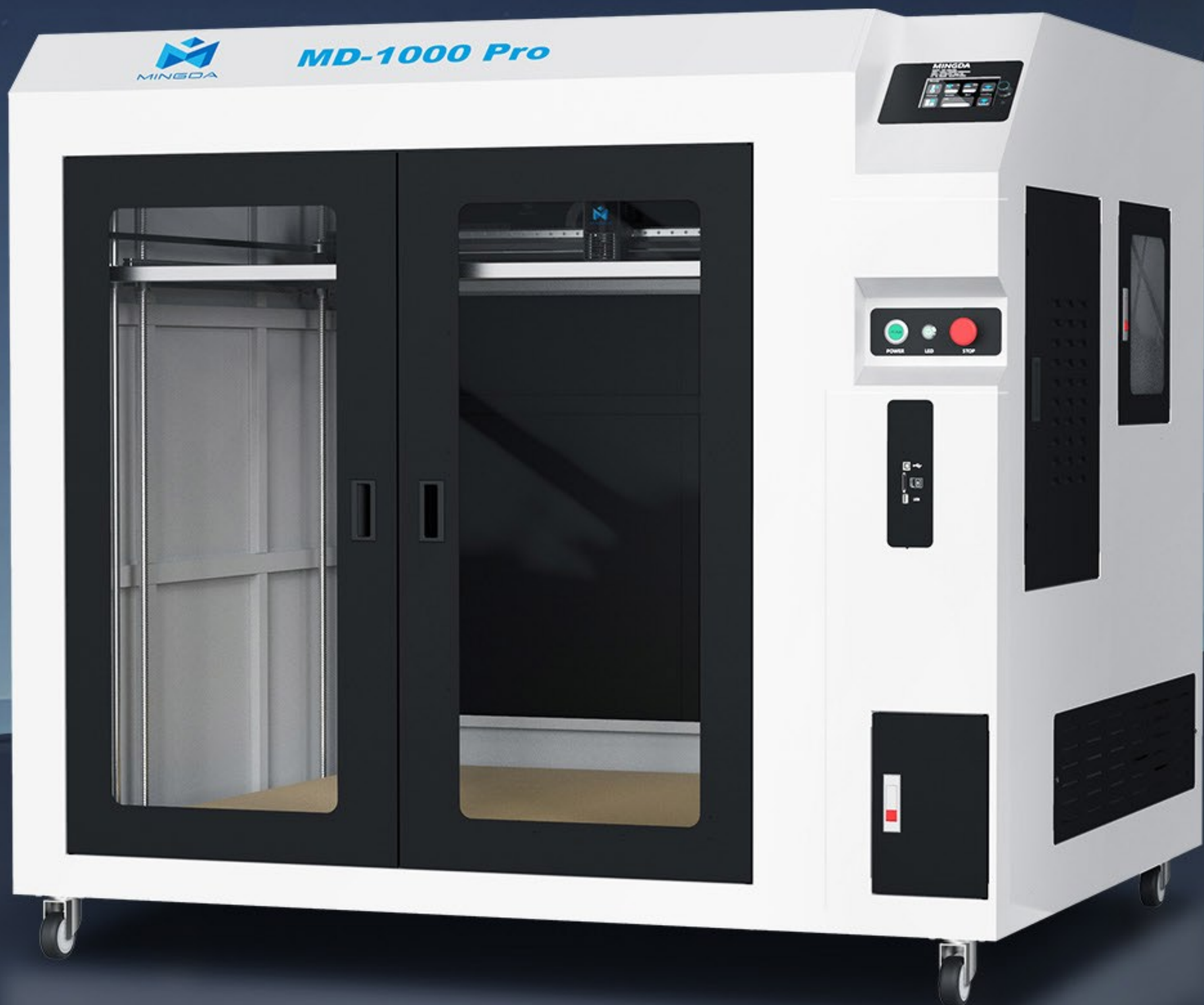# MINGDA

MD-1000 Pro

EXTRA LARGE
SELF-LEVELING 3D PRINTER

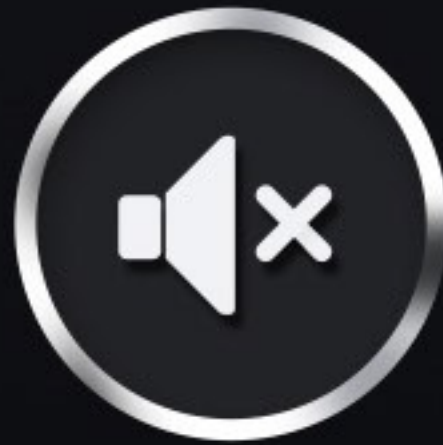Industrial grade, larger, more stable, more precise and simpler.

Our 10 Advantages

Leakage
Protection

High-speed
Printing

Ultra-quiet

PEI
Platform

Recover
Printing

350℃

High temperature
printing at 350℃

Oversized
Printing
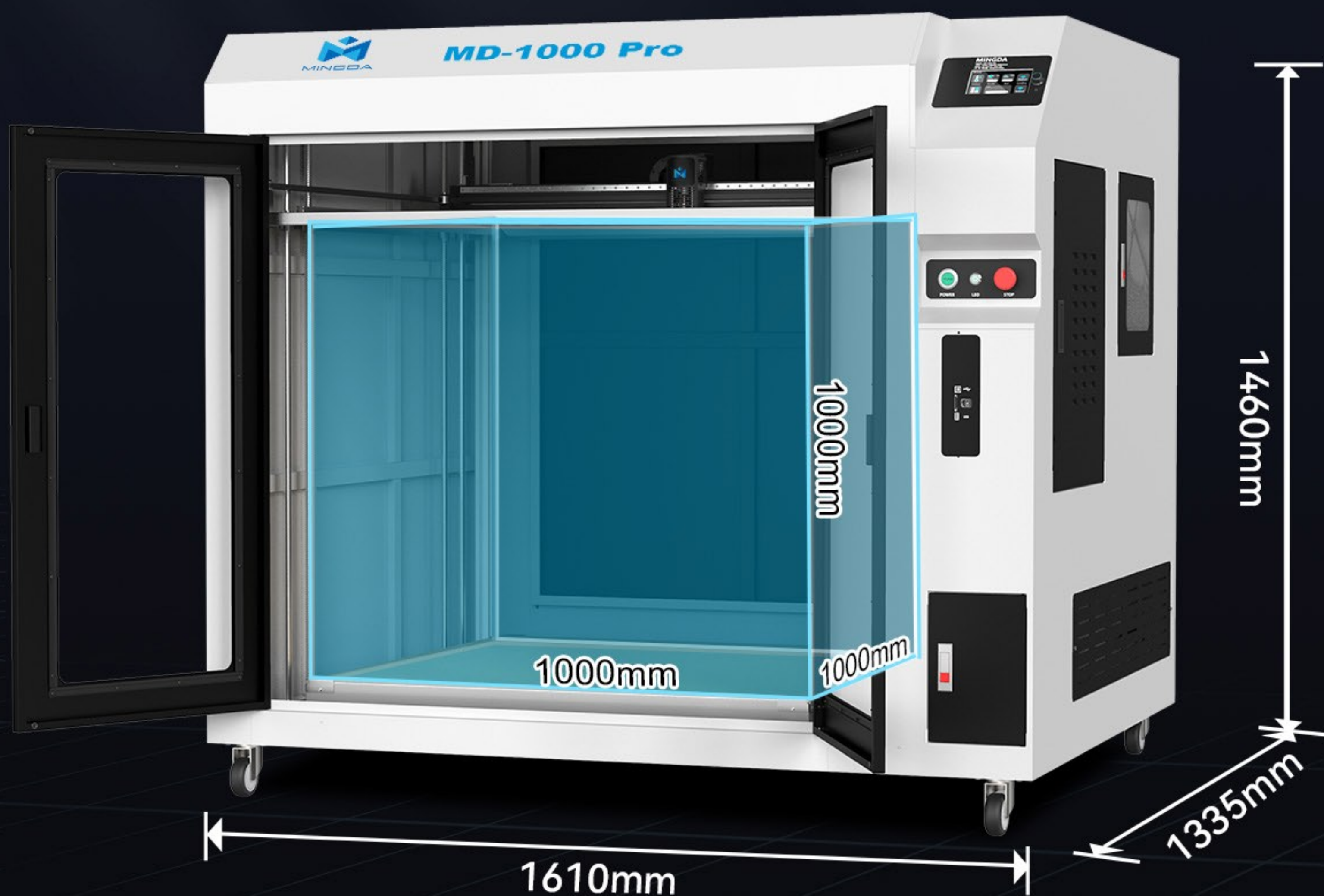
U disk/
SD Card Printing

±0.1
Accuracy

2H

Learn In
2H

Large Printing Size

Large Printing Size: 1000*1000*1000mm

Machine size: 1610*1335*1460mm

MINGDA **MD-1000 Pro**

1000mm

1000mm

1000mm

1460mm

1335mm

1610mm

We Provide
The Following Promises

Good after-sales service is the key to test whether
a company manufactures high-quality products

12
One Year
Warranty

Lifetime
Maintenance

Factory
Direct Sales
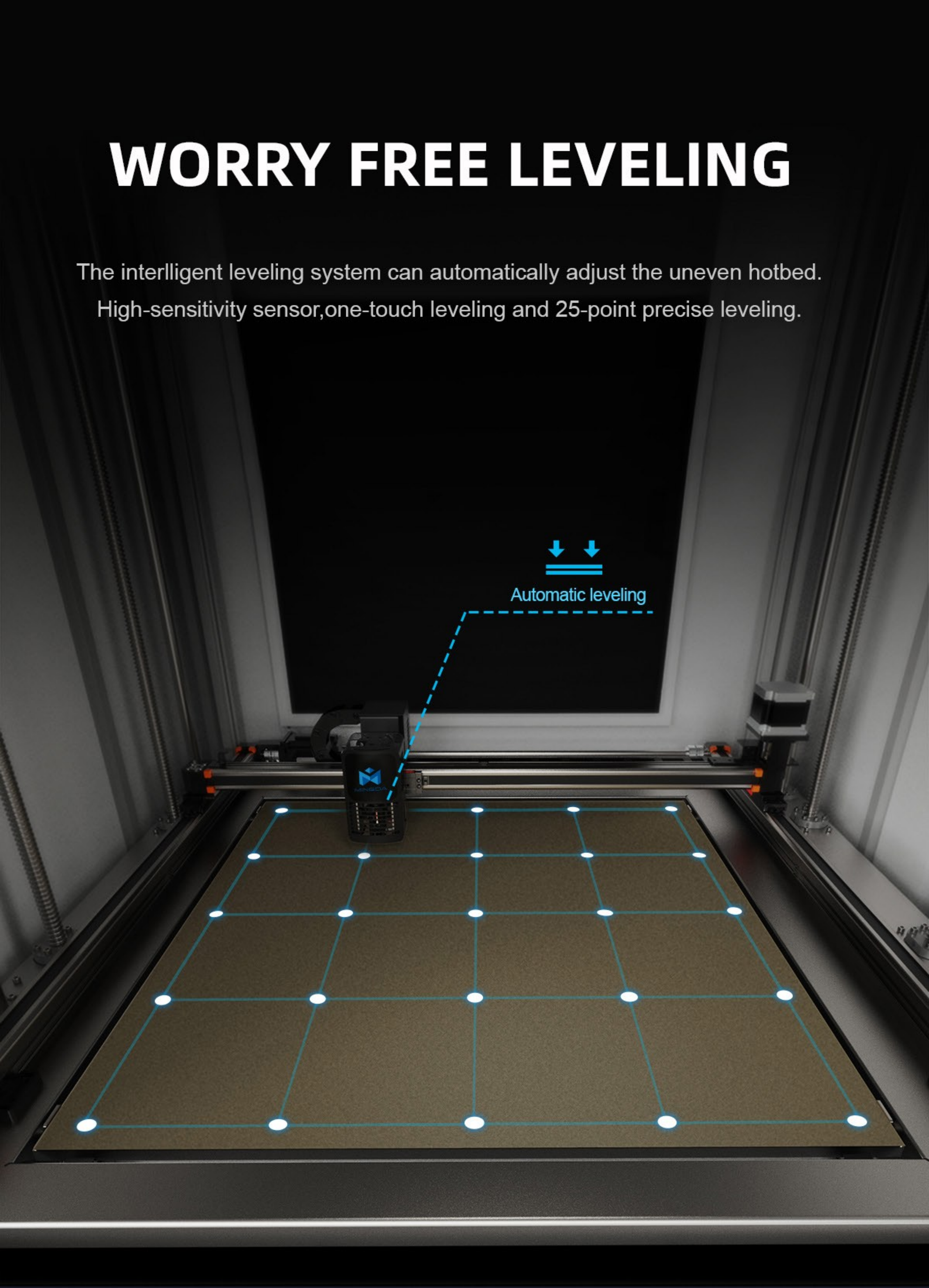
Quality
Assurance

Technical
Support

Assembled & Fully Enclosed Chamber

▌ The MD-1000 Pro is assembled already after strict testing before it leaves the factory, and can be used directly after customer receives it.

▌ The MD-1000 Pro 's metal frame is fully enclosed, ensuring consistent print temperatures. Its acrylic door offer easy visual monitoring throughout the print process and ensure safety, making it the perfect additive system for industrial environments.

MINGDA MD-1000 Pro

POWER LED STOP

WORRY FREE LEVELING

The interlligent leveling system can automatically adjust the uneven hotbed.
High-sensitivity sensor,one-touch leveling and 25-point precise leveling.

Automatic leveling

TWO TEMPERATURE MODES
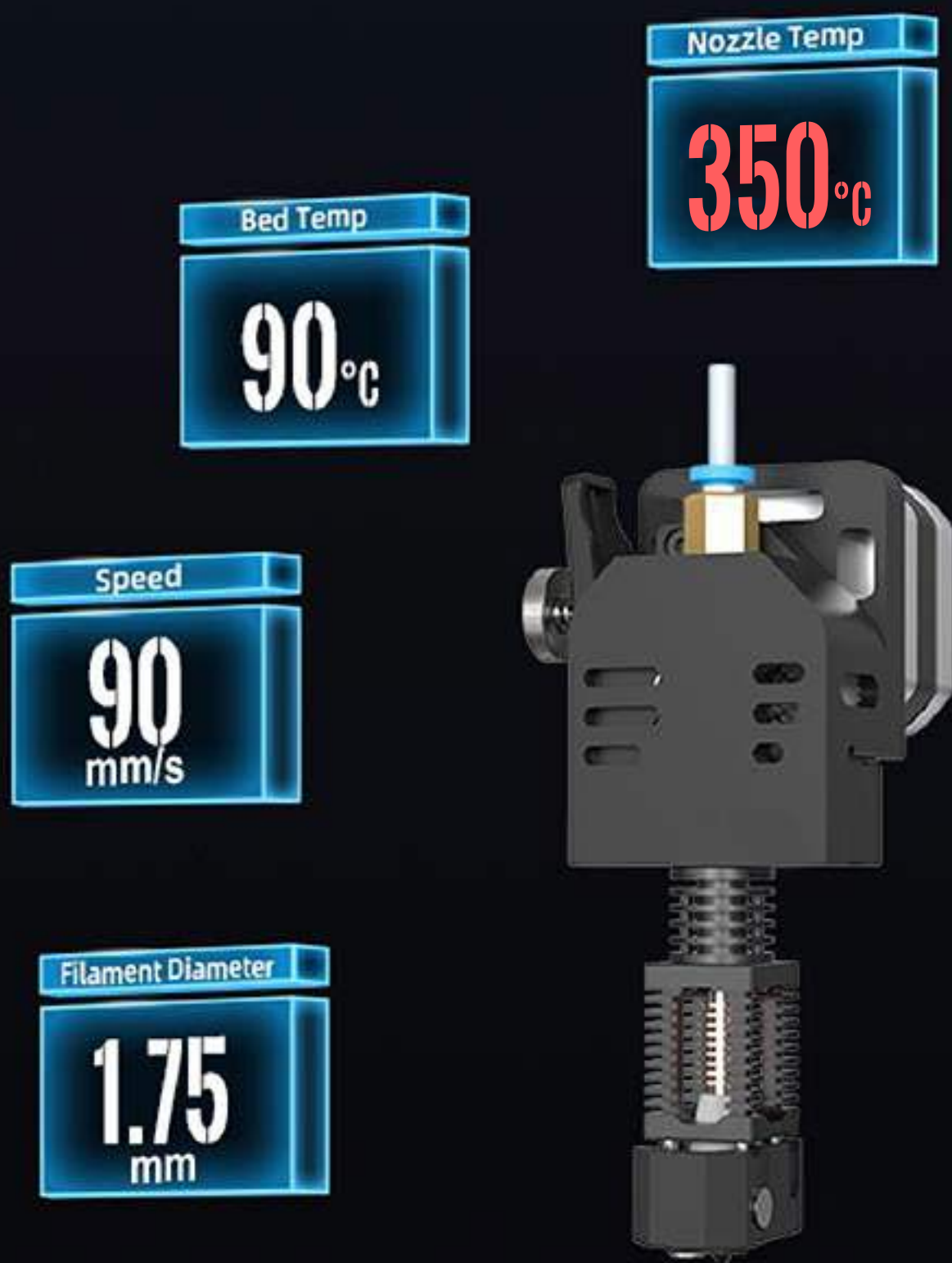## TO MEET DIFFERENT MATERIAL REQUIREMENTS

MD-1000 Pro is a flexible, high performance and commercial industrial 3d printer. It's equipped with two types of extruders, therefore various printing needs can be met selecting the matching module according to different types of filaments.
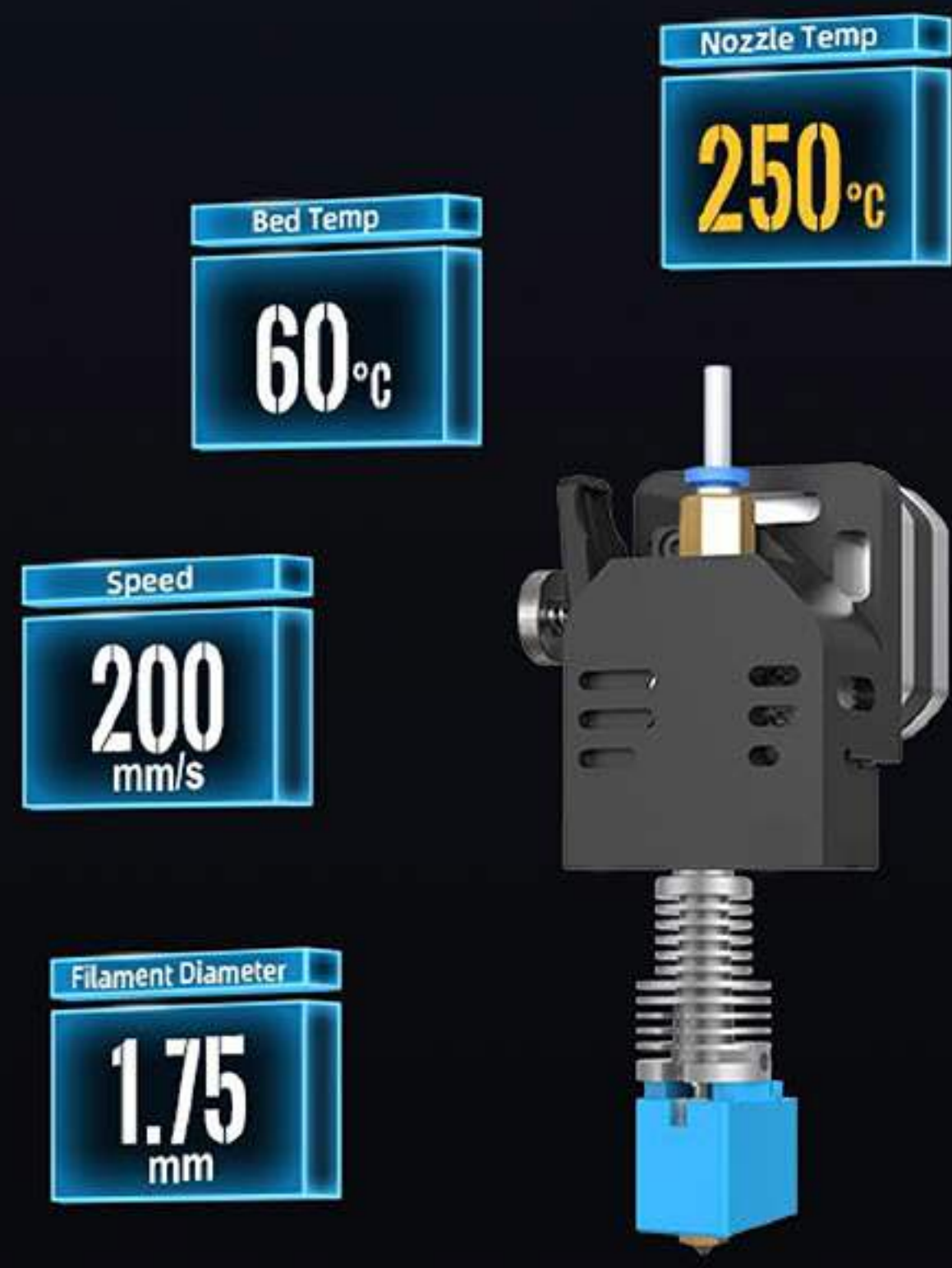
EXTRUDER HT — Higher 250 degrees (High Temperature Hot End)

EXTRUDER N — Below 250 degrees (Normal Hot End)

Extruder HT

- Nozzle Temp: **350°C**
- Bed Temp: **90°C**
- Speed: **90 mm/s**
- Filament Diameter: **1.75 mm**

Filament

PET-CF	PET-GF	PA12-CF	HtPA-GF	HtPA-CF
HtPA	PETG	PETG-ESD	ABS	ASA

Extruder N

- Nozzle Temp: **250°C**
- Bed Temp: **60°C**
- Speed: **200 mm/s**
- Filament Diameter: **1.75 mm**

Filament

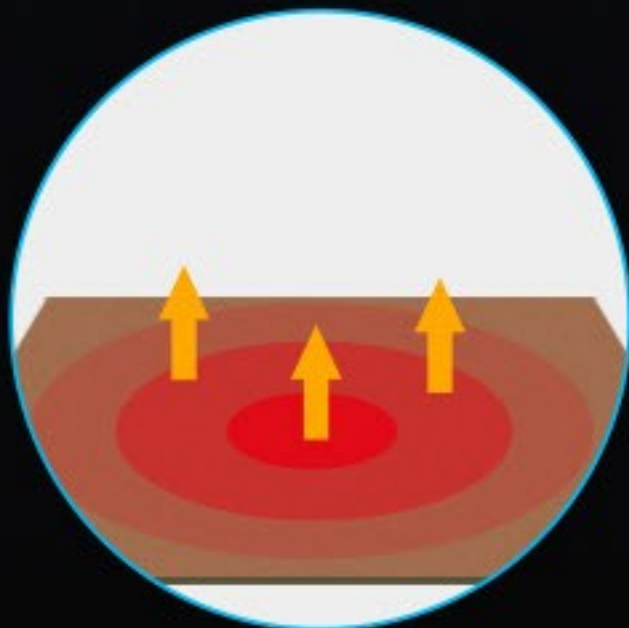|			
TPU 95A	TPU-85A	TPU-Foam	PLA

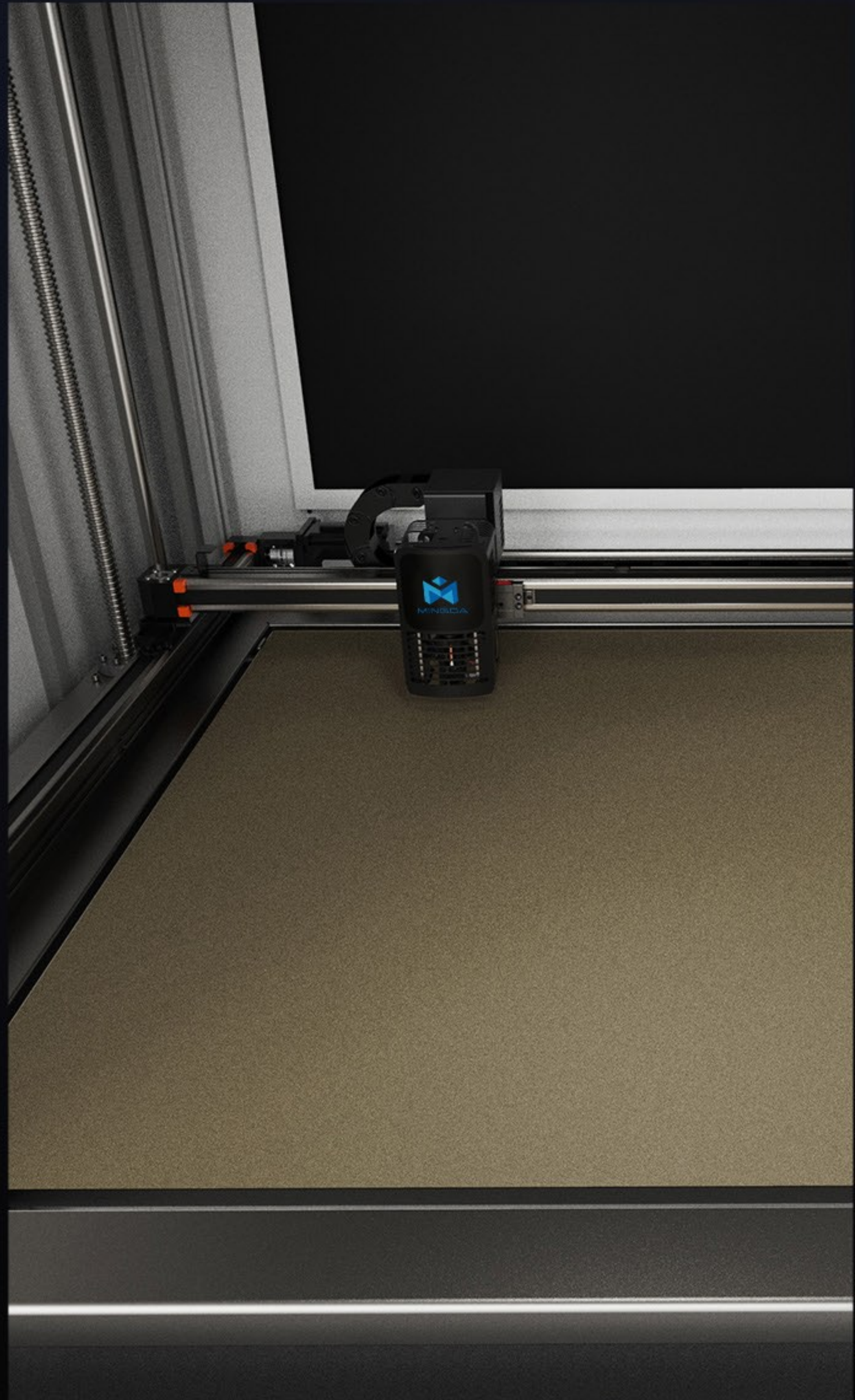# PEI Platform

High adhesion

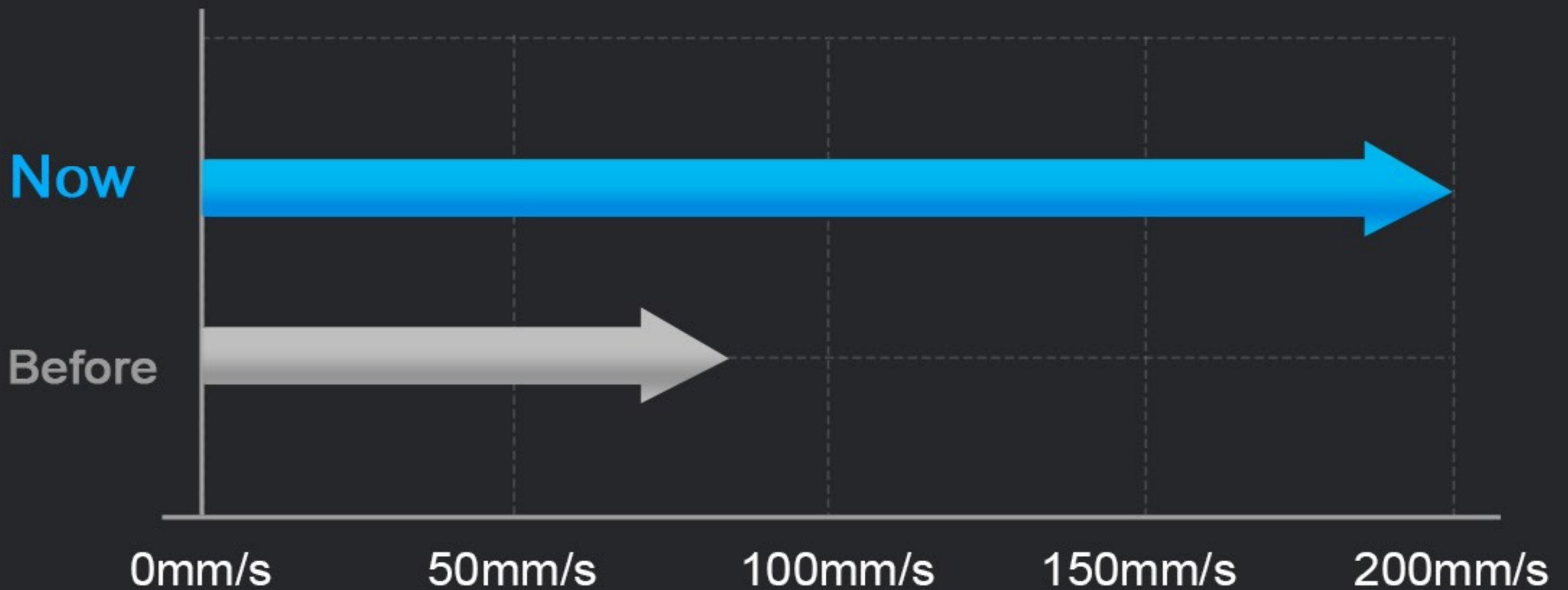Easy remove

models after cooling

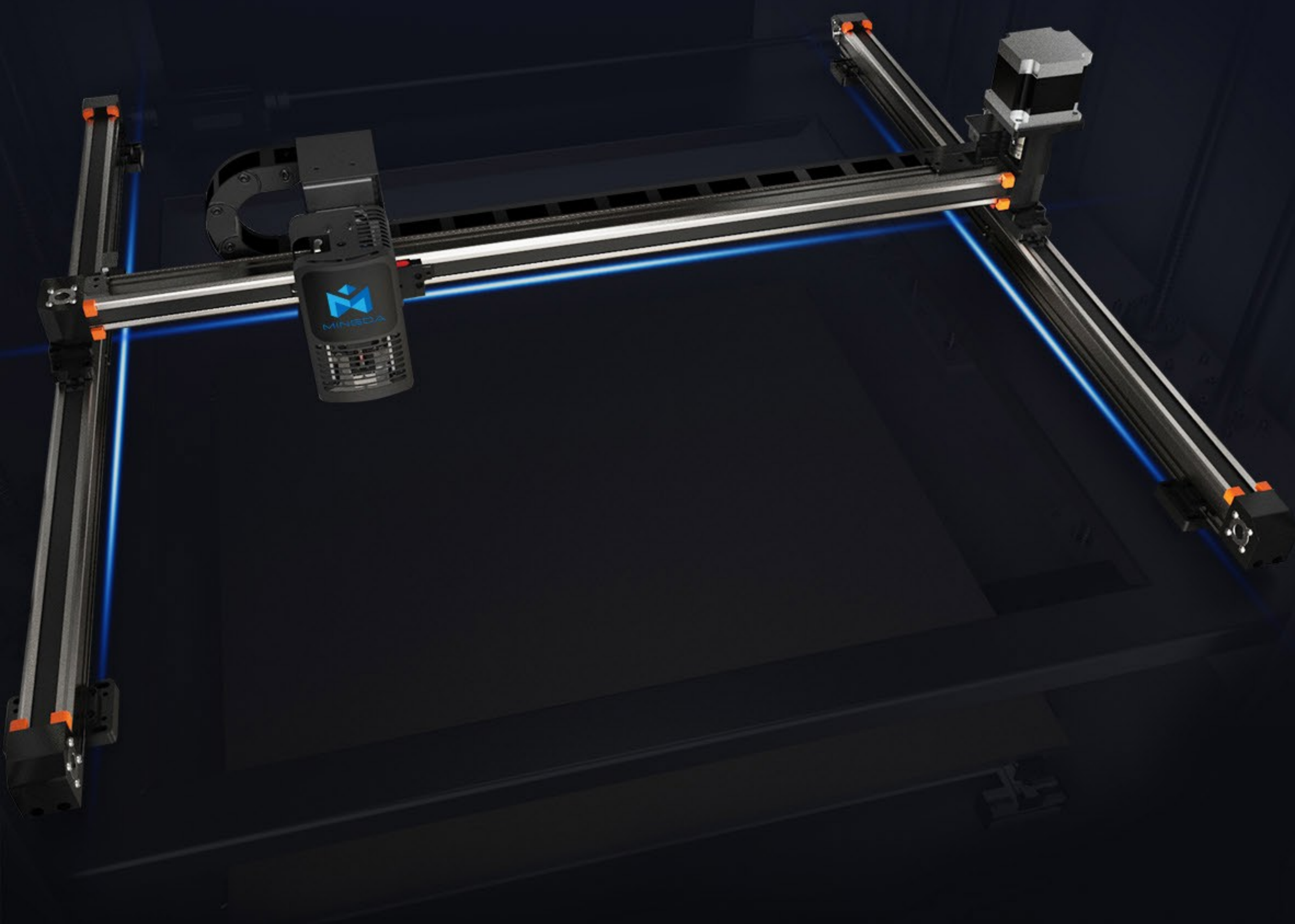Non-deformation

Fast heating up

Beyond Fast

A New Experience for High-speed 3D Printing

- 200 mm / s High-speed printing

- Industrial Grade Precision Setup

- Fast, Precise Stable and Powerful Performance

Now

Before

| 0mm/s | 50mm/s | 100mm/s | 150mm/s | 200mm/s |

Make Your Model More Perfect

Large-scale printed models the appearance of 4 to 5 times more precision than ordinary 3D printing
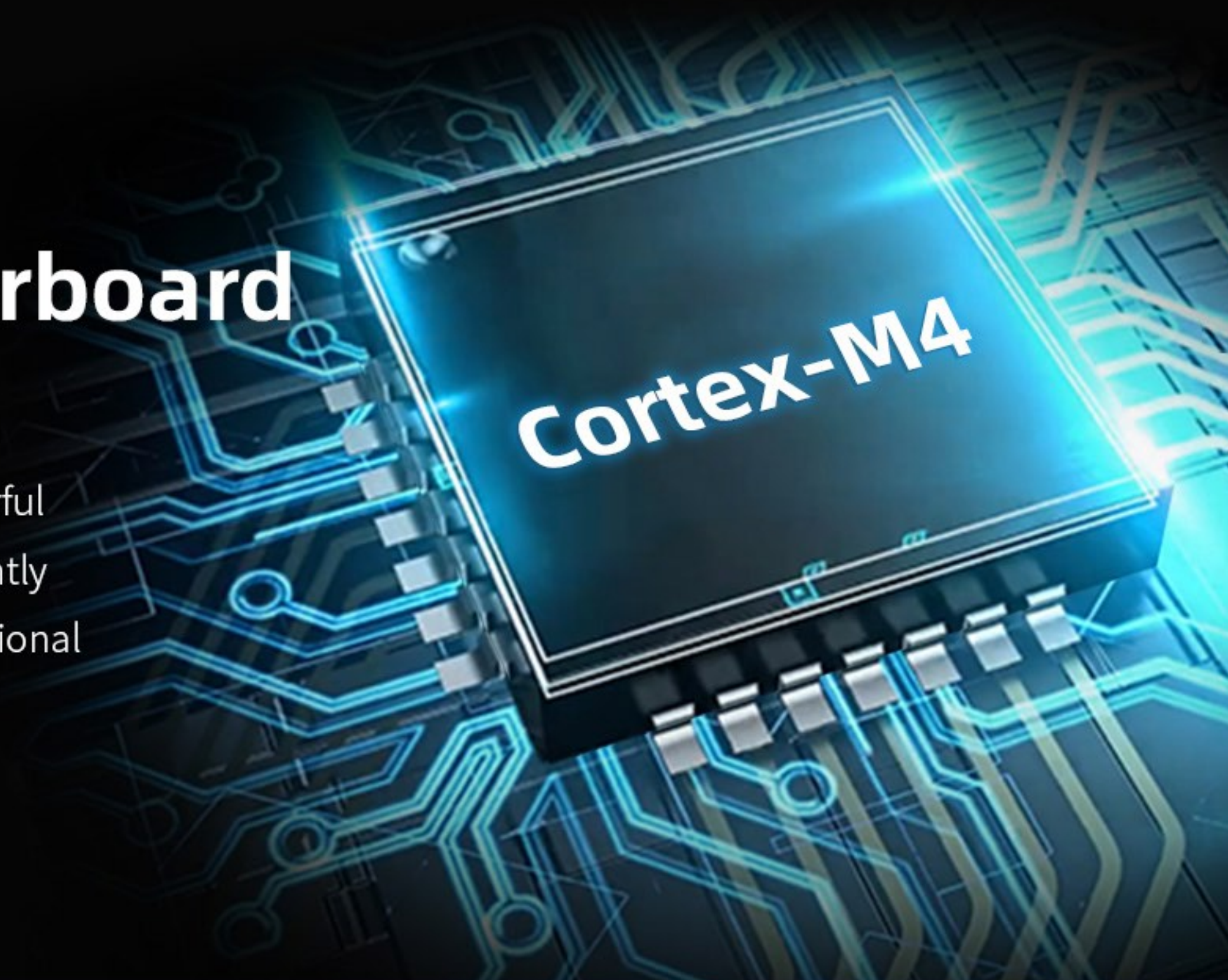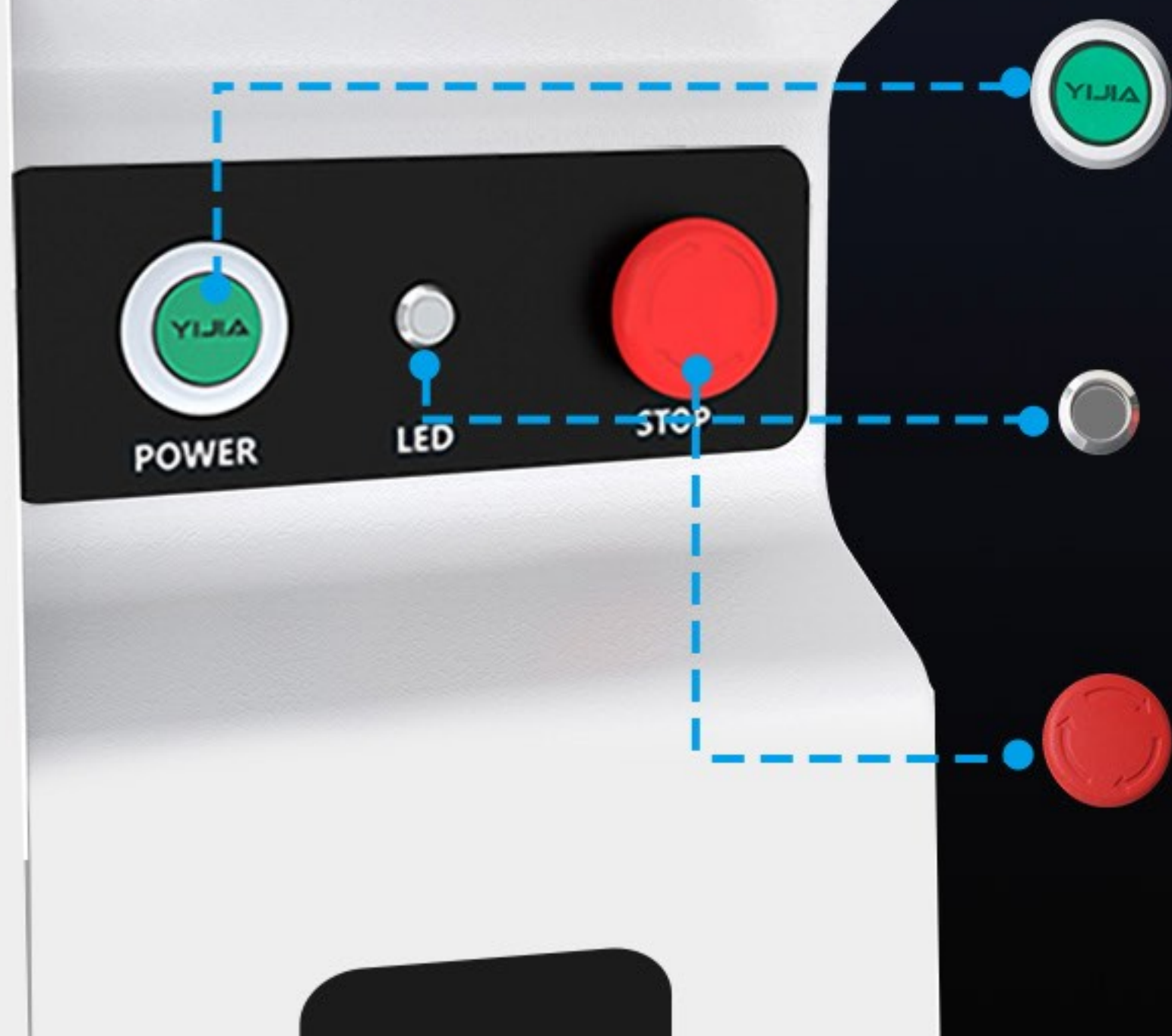
MD-1000 Pro

Ordinary 3D printing

Upgraded Silent Motherboard

MD-1000 Pro uses a more powerful 32-bit motherboard independently developed by a MINGDA professional internal team

Cortex-M4

Intelligent Design

Power Switch
Industrial power button
With automatic shutdown after printing
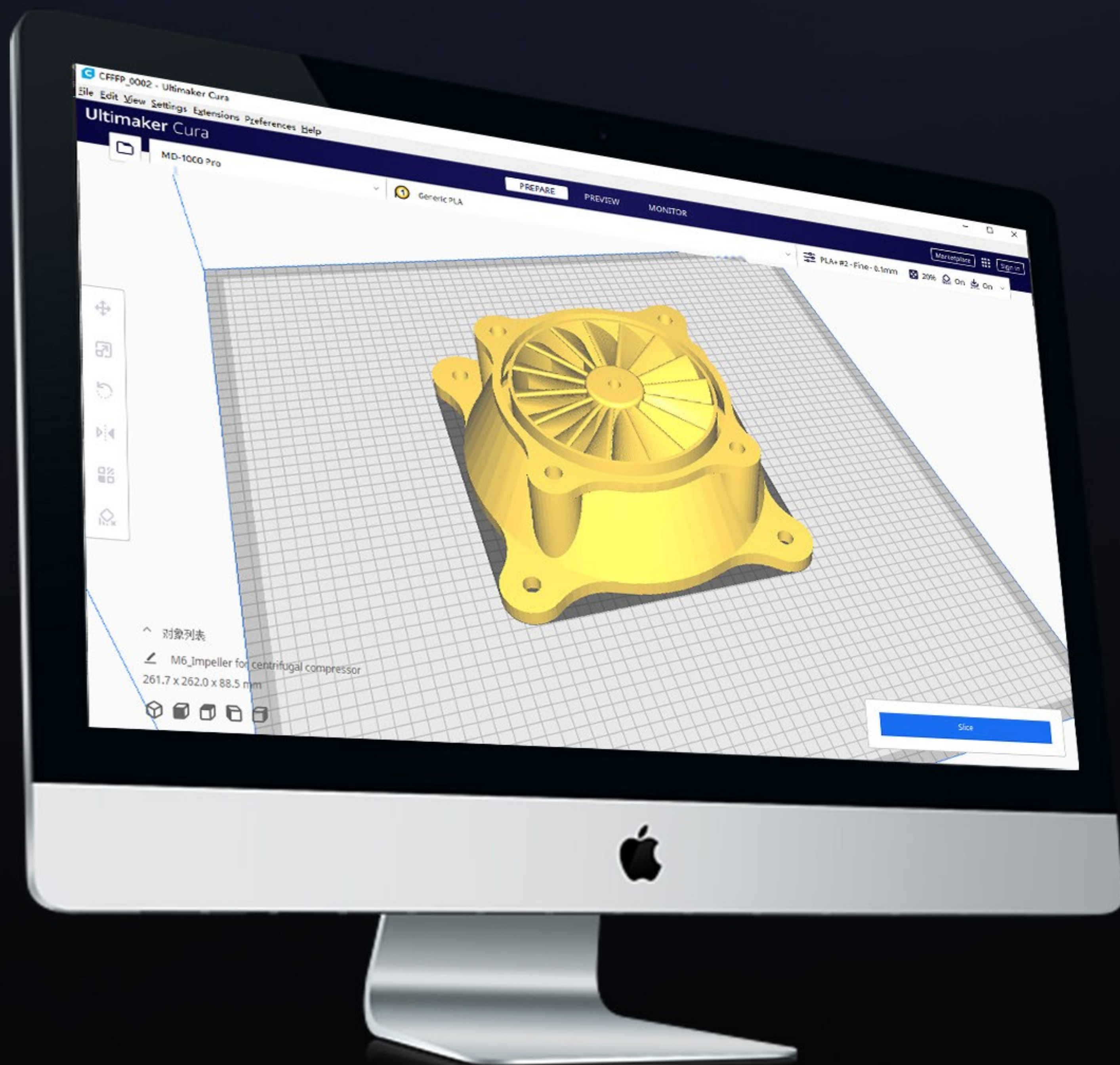
LED Light Switch

Emergency Stop Button
More safe and easy to use

POWER   LED   STOP
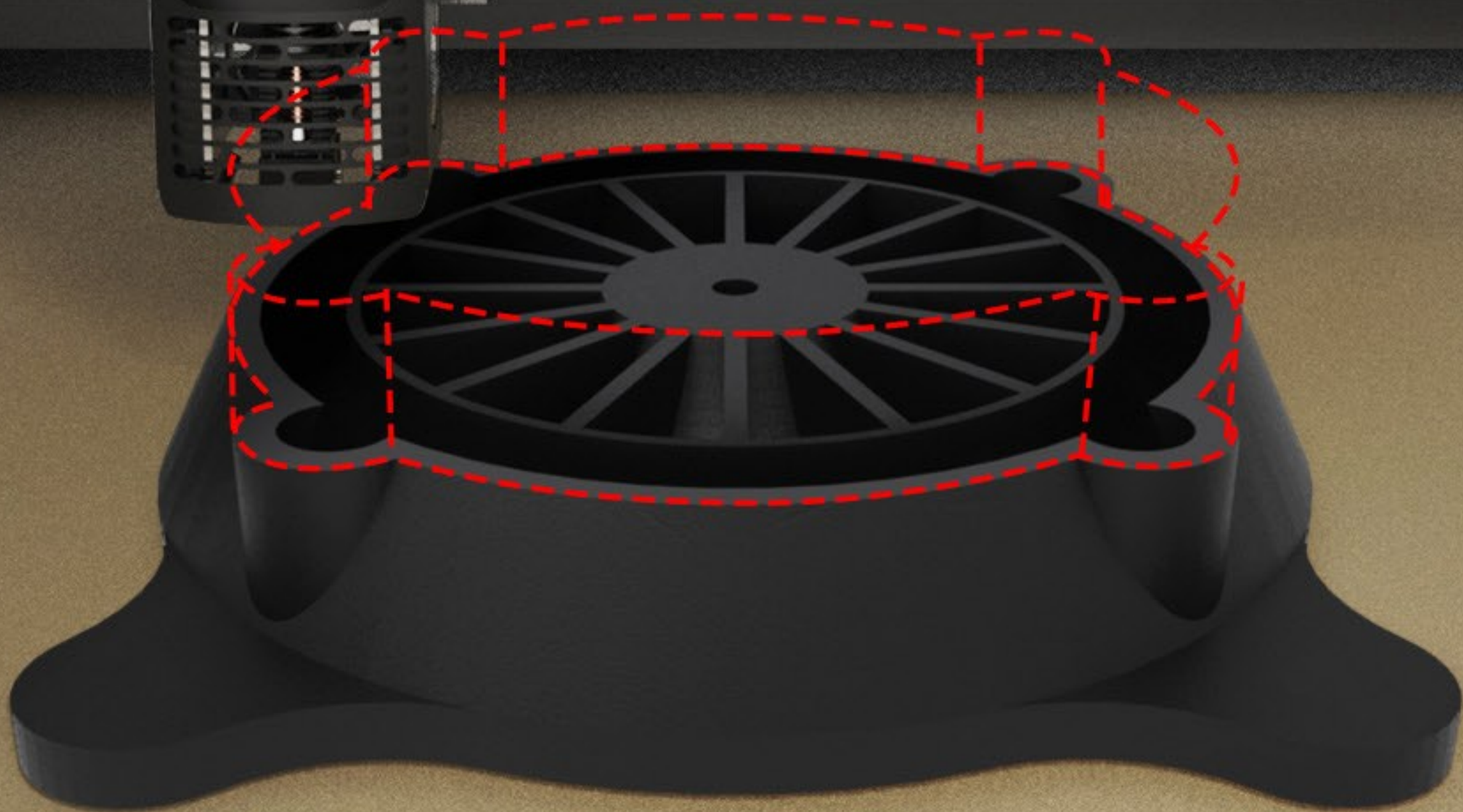
Self-Developed Slicing Software

Slices can be cut in a few minutes, easy to achieve fast printing,
and achieve higher quality and more detailed printing effects.
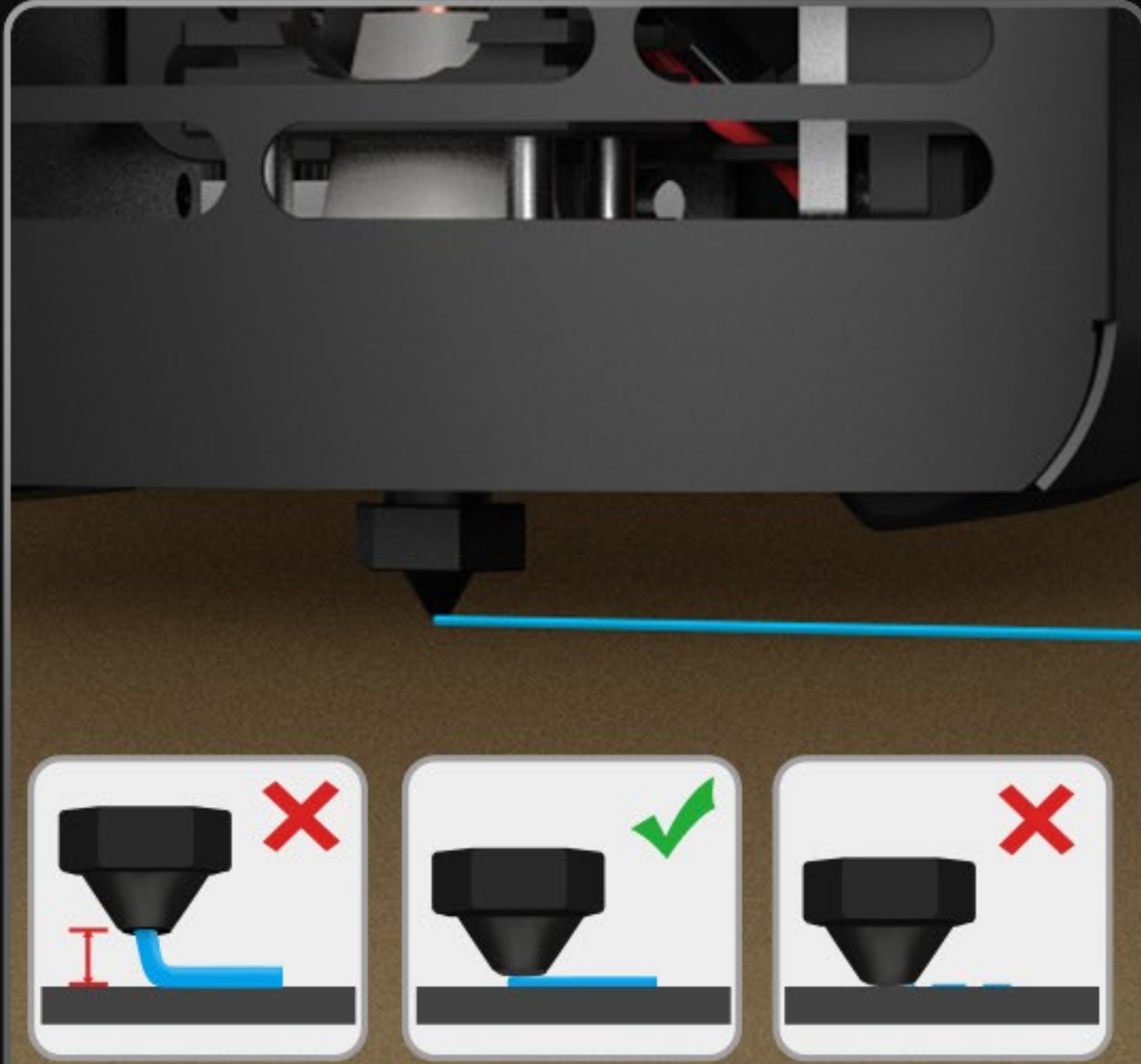Compatible files are wider, including STL, OBJ, X3D, 3MF, BMP, GIF, JPG, PNG.

Recover Printing

Printing can be continued after power-on/filament renewal
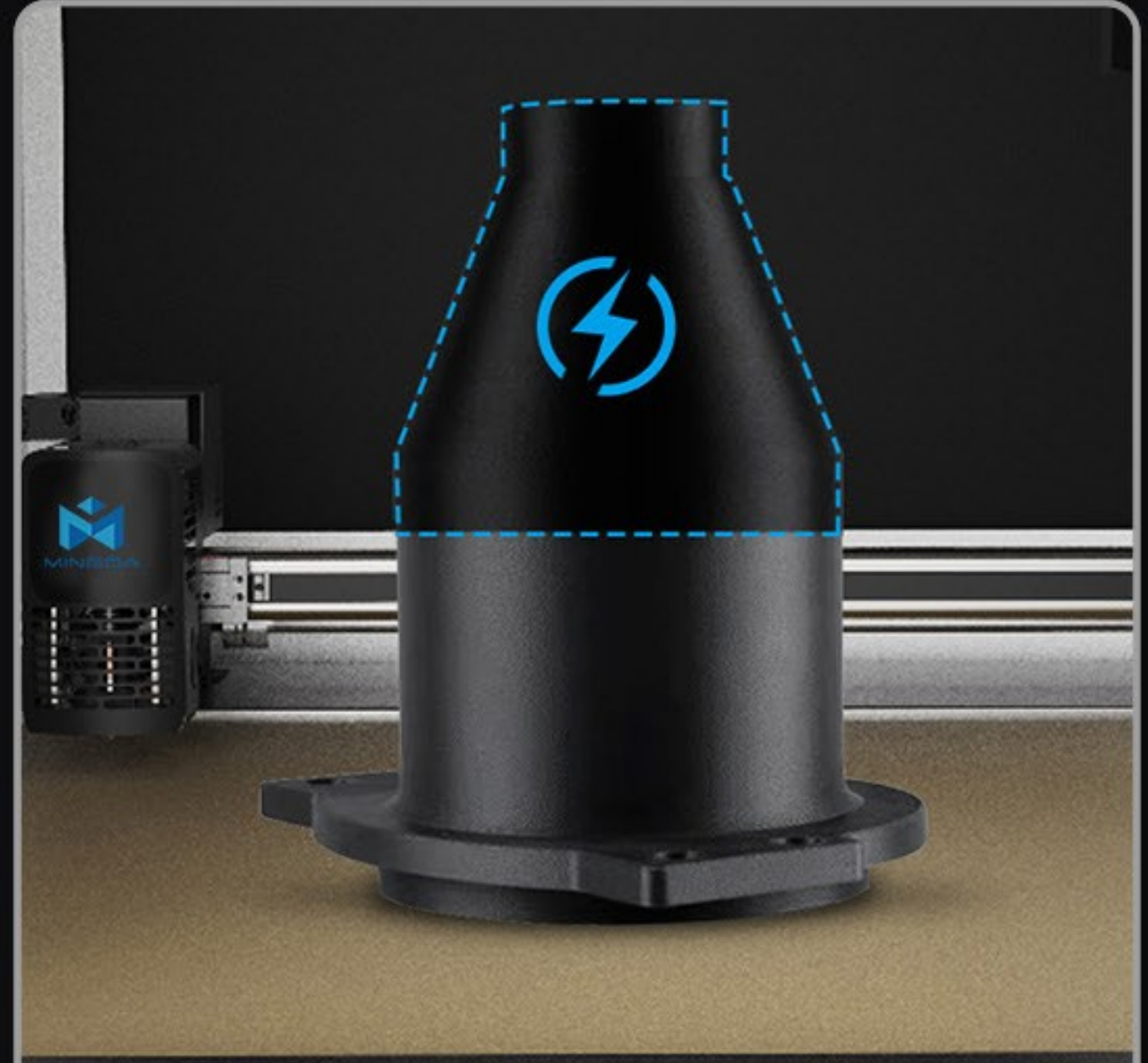
When a sudden power failure or filament running out occurs,
the current printing task will be automatically stopped, saving materials,
increasing the printing success rate and continuing your work at any time.

0001.gcode

Whetherto continue printing

001. gcode

Confirm   Cancel

F0
0%

Flow
100%

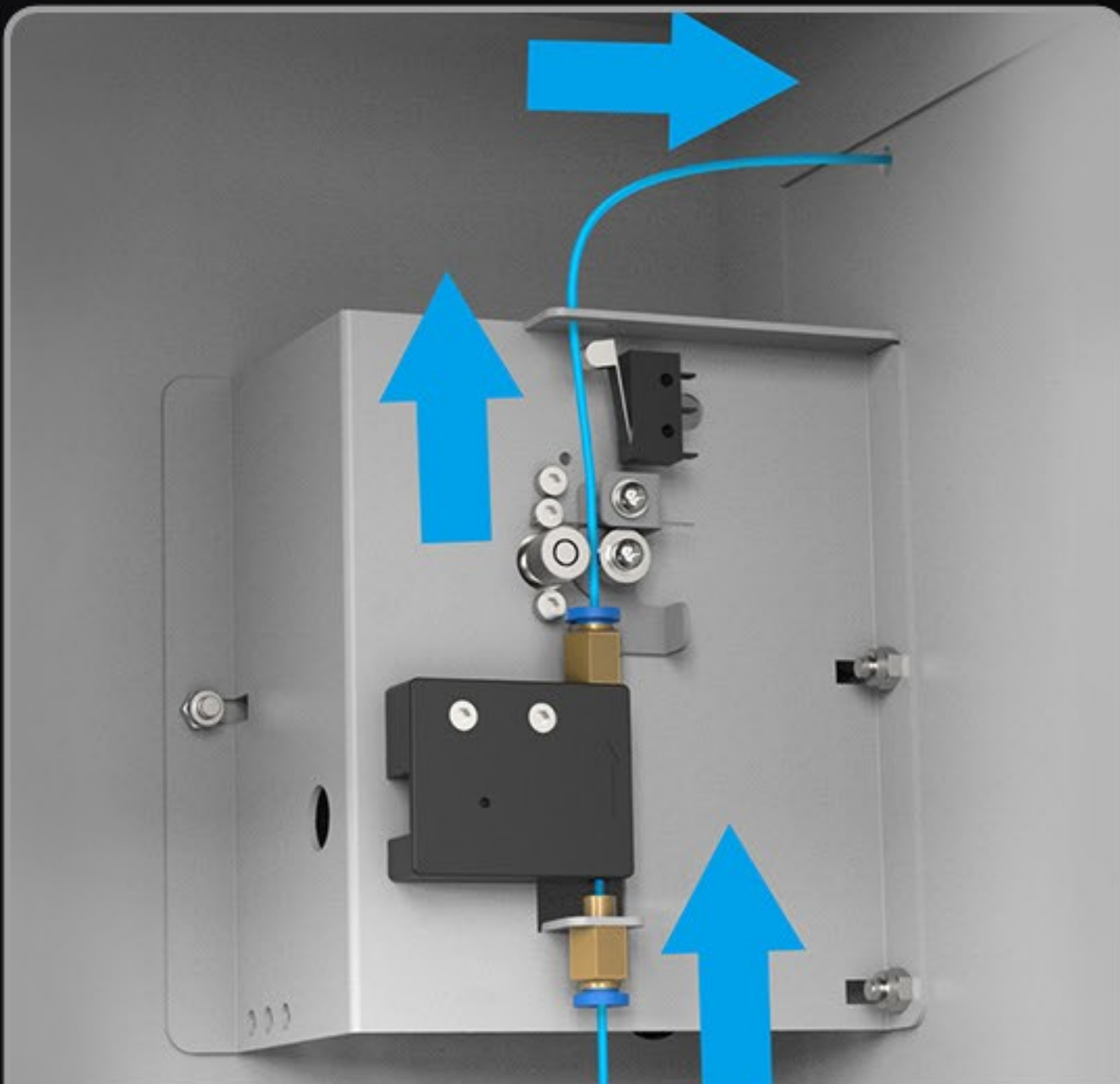Pause   BabyStep   Speed   Stop

MINGDA

Other Advantages

Equipped with Babystep intelligent compensation function to ensure the success rate of printing the first layer of the model

A new generation of intelligent power-off continuous play

Intelligent broken material detection
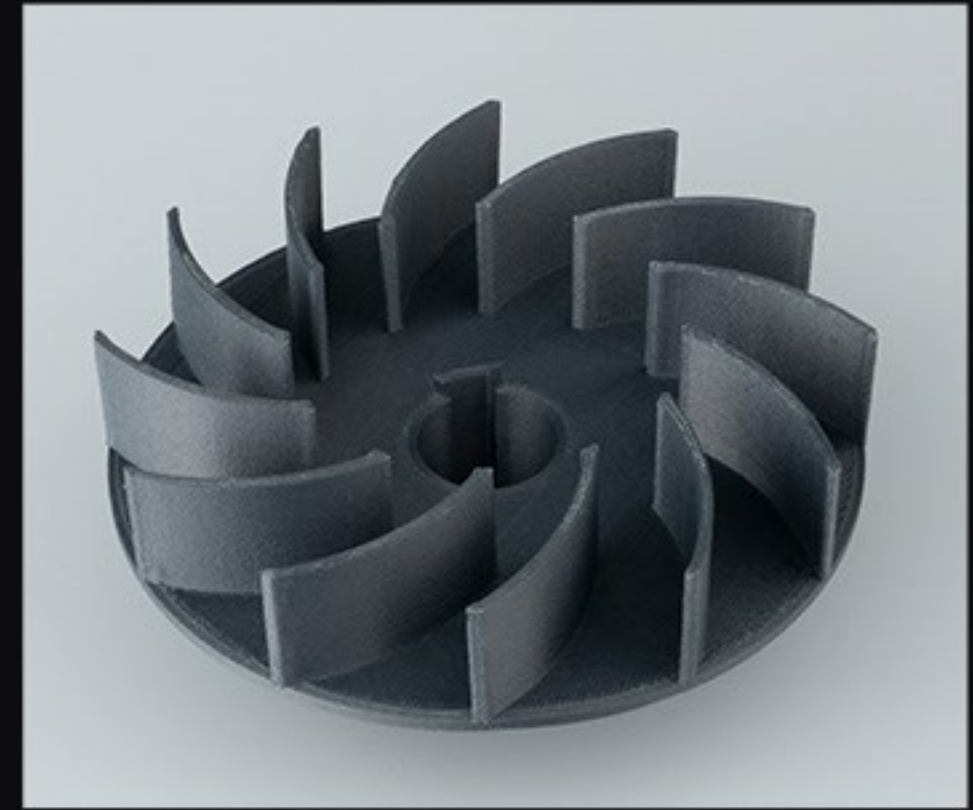
Safety emergency shutdown button

Support Printing Filament

HtPA-GF

HtPA-CF

PA12-CF

PET-GF

PET-CF

PETG-ESD