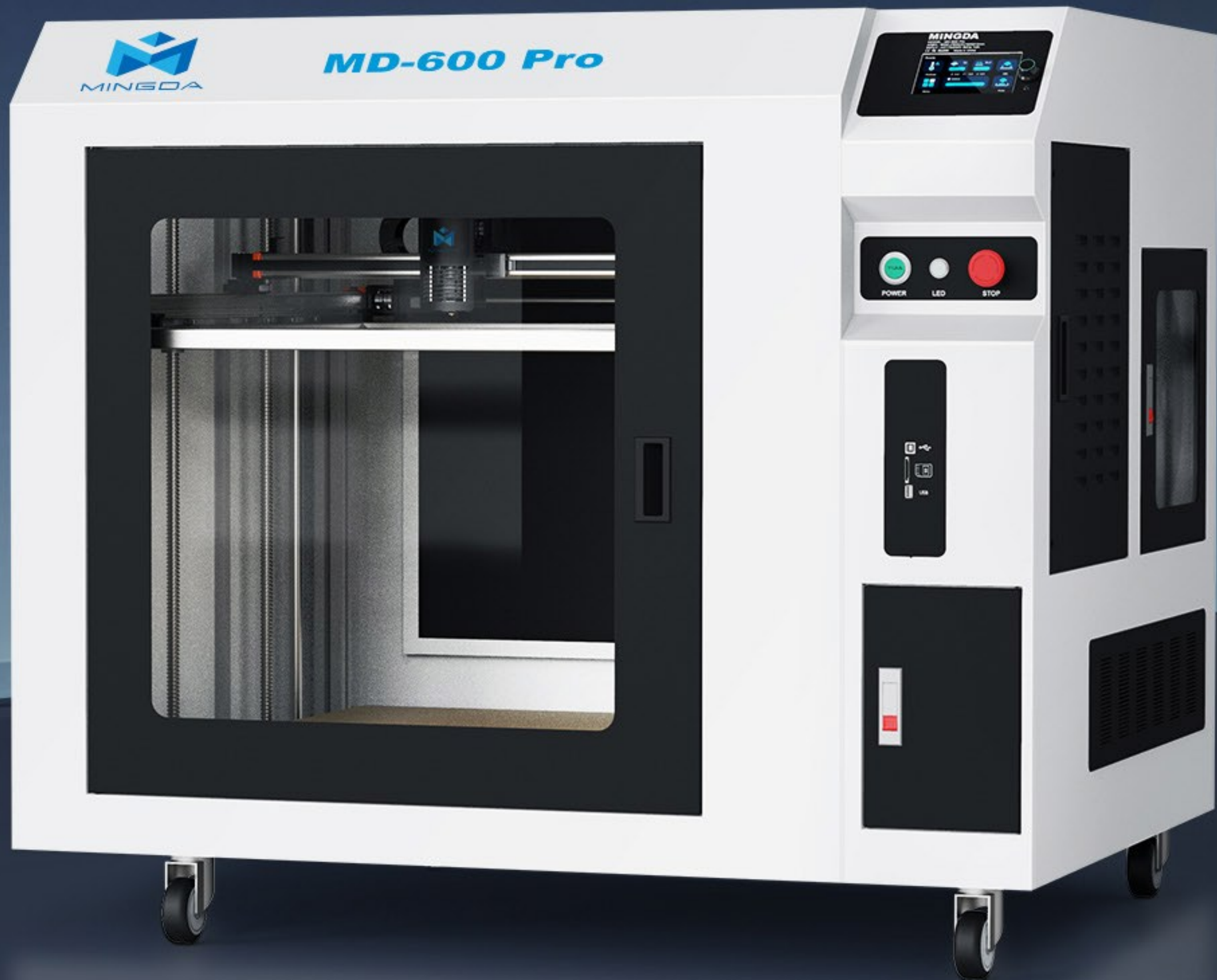# MINGDA

MD-600 Pro

EXTRA LARGE
SELF-LEVELING 3D PRINTER

Industrial grade, larger, more stable, more precise and simpler.
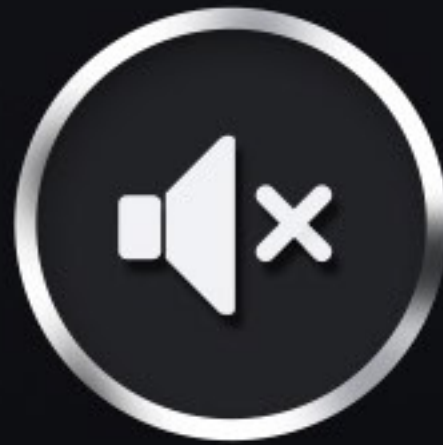
Our 10 Advantages

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 ±0.1 Accuracy

2H Learn In 2H

Large Printing Size

Large Printing Size: 600*600*600mm

Machine size: 1200*930*1030mm

MINGDA MD-600 Pro

1030mm

600mm

600mm

600mm

930mm

1200mm
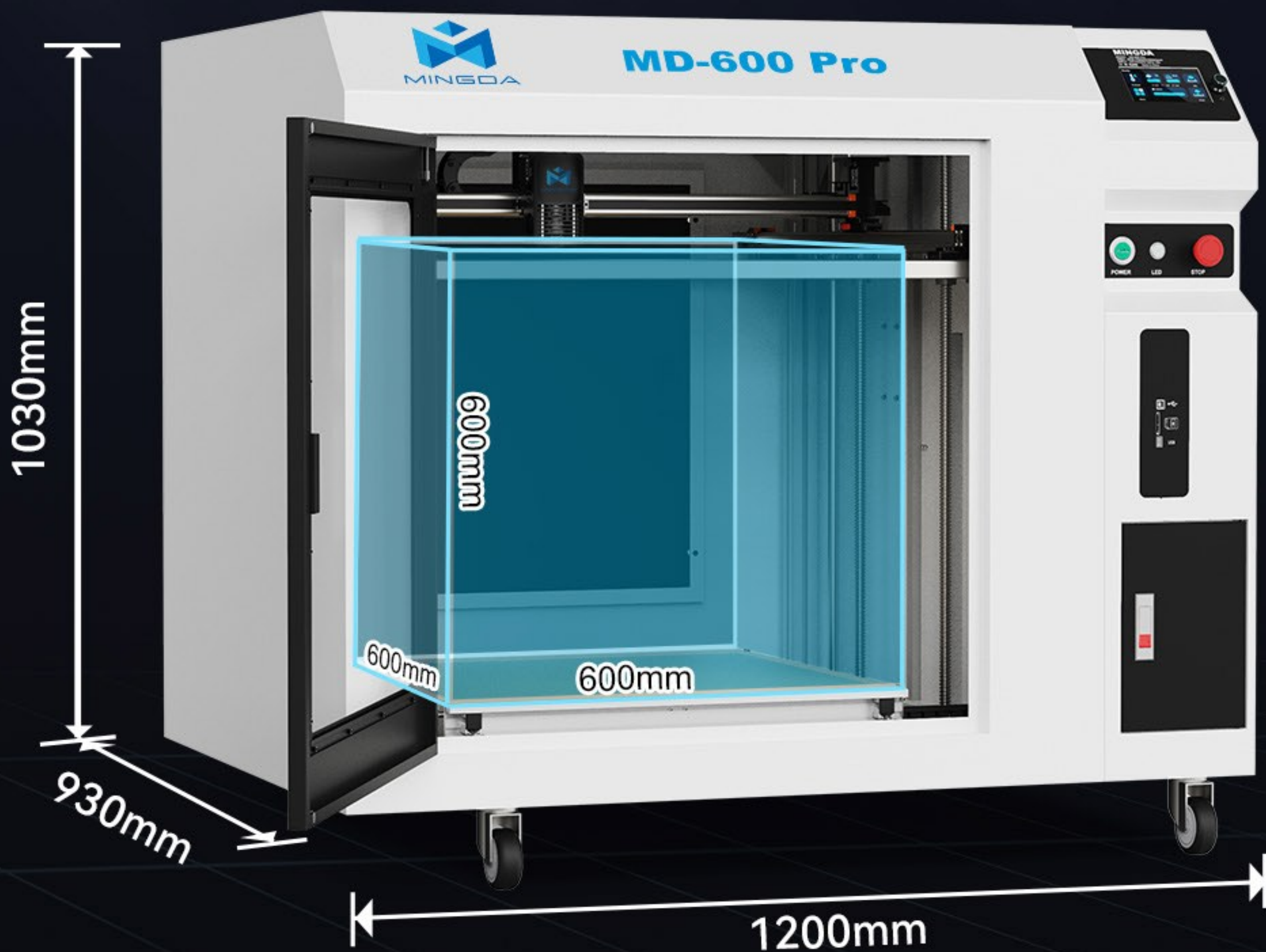
We Provide
The Following Promises

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

One Year Warranty

**Lifetime Maintenance**

Factory Direct Sales

**Quality Assurance**

Technical Support

Assembled & Fully Enclosed Chamber

▌ The MD-600 Pro is assembled already after strict testing before it leaves the factory, and can be used directly after customer receives it.

▌ The MD-600 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.
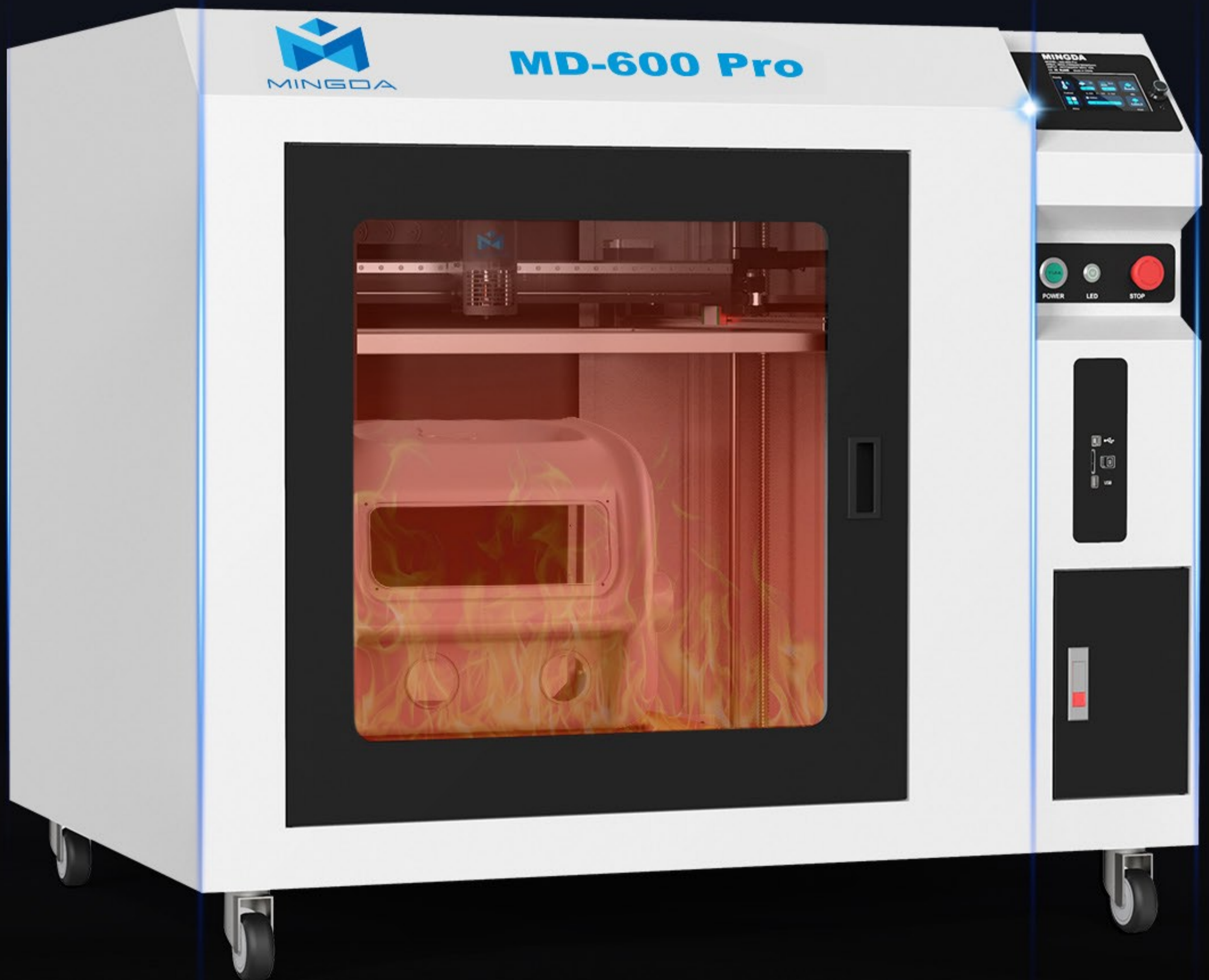
WORRY FREE LEVELING

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

Automatic leveling
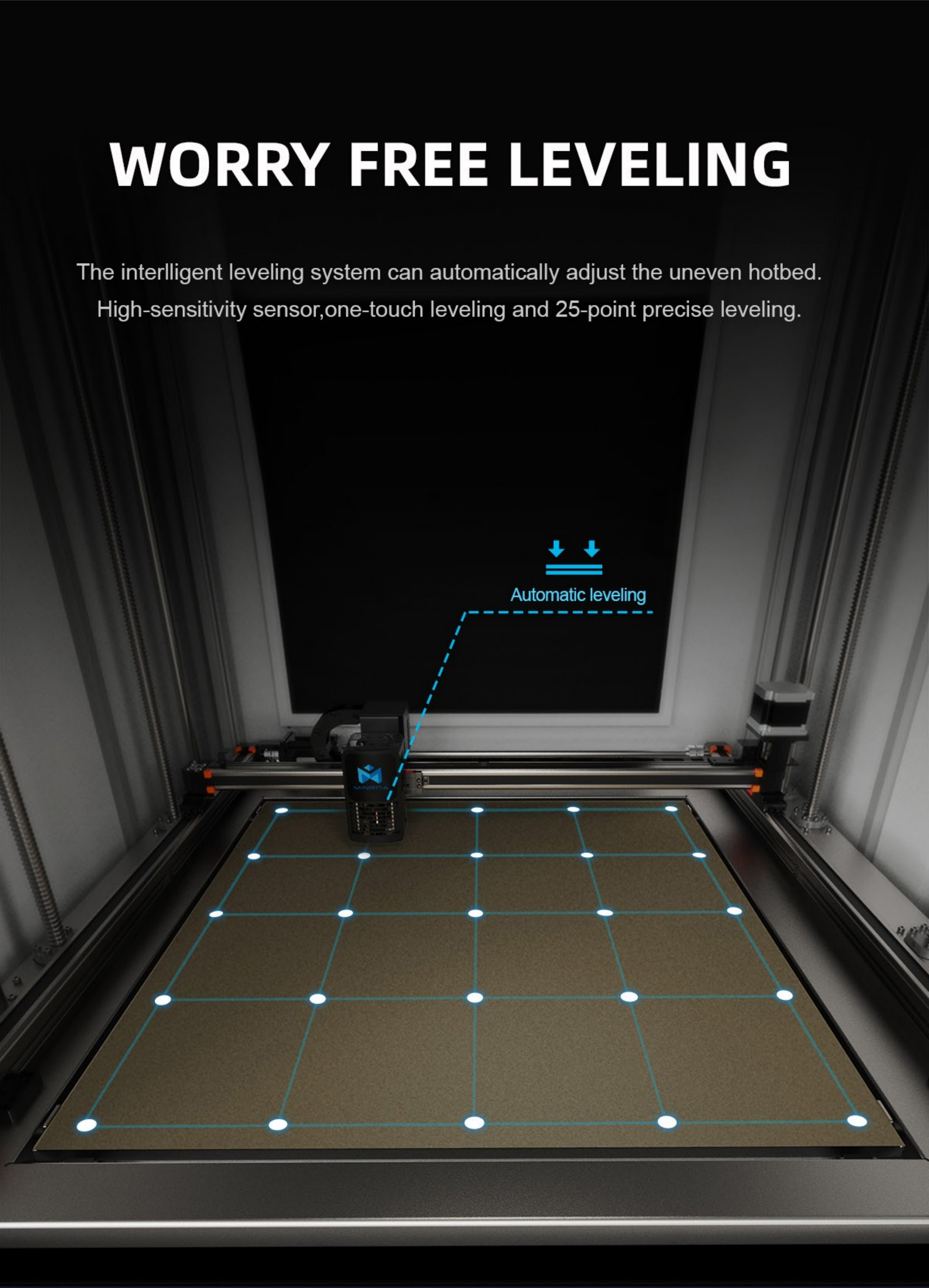
TWO TEMPERATURE MODES

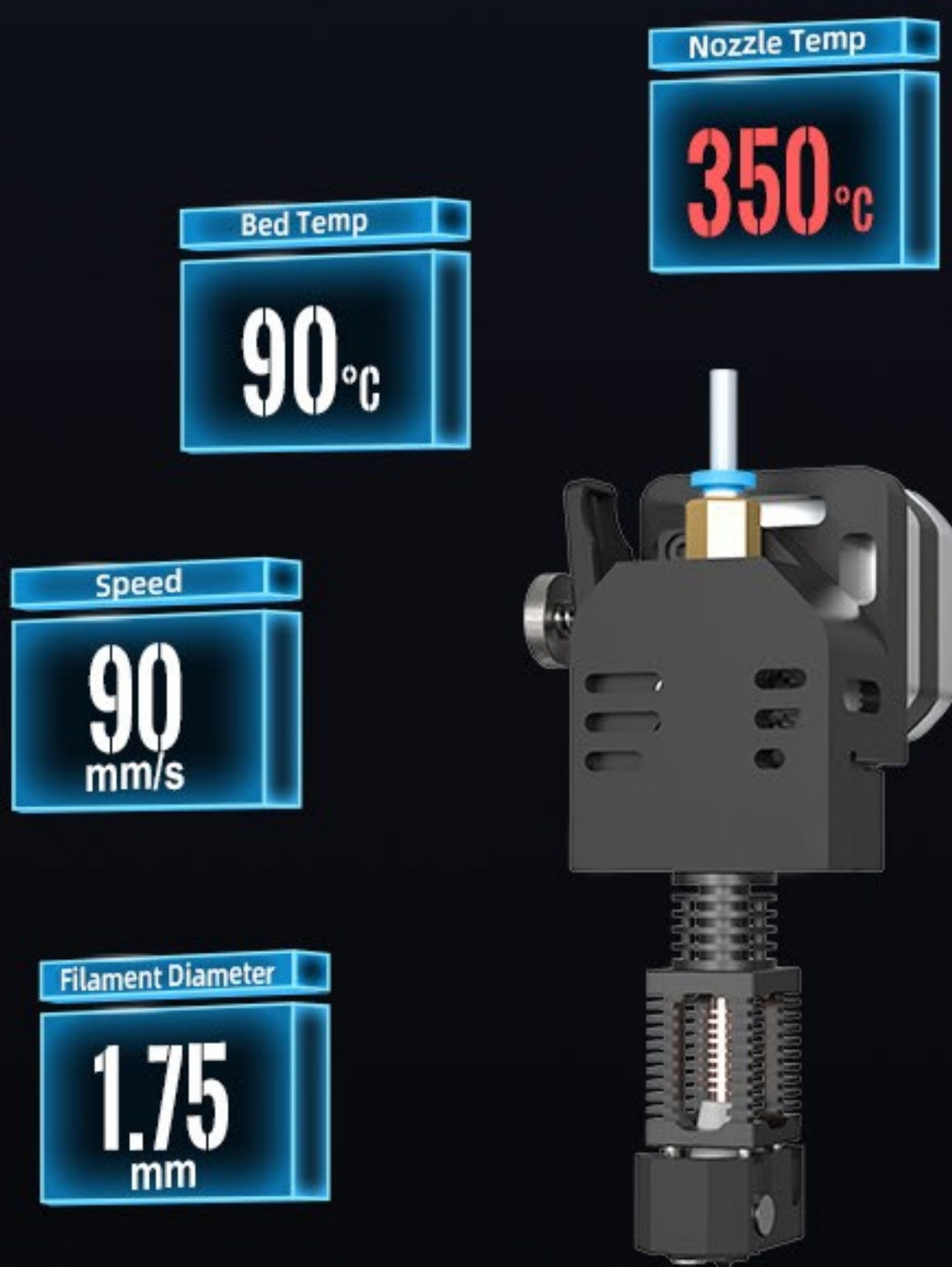## TO MEET DIFFERENT MATERIAL REQUIREMENTS

MD-600 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.
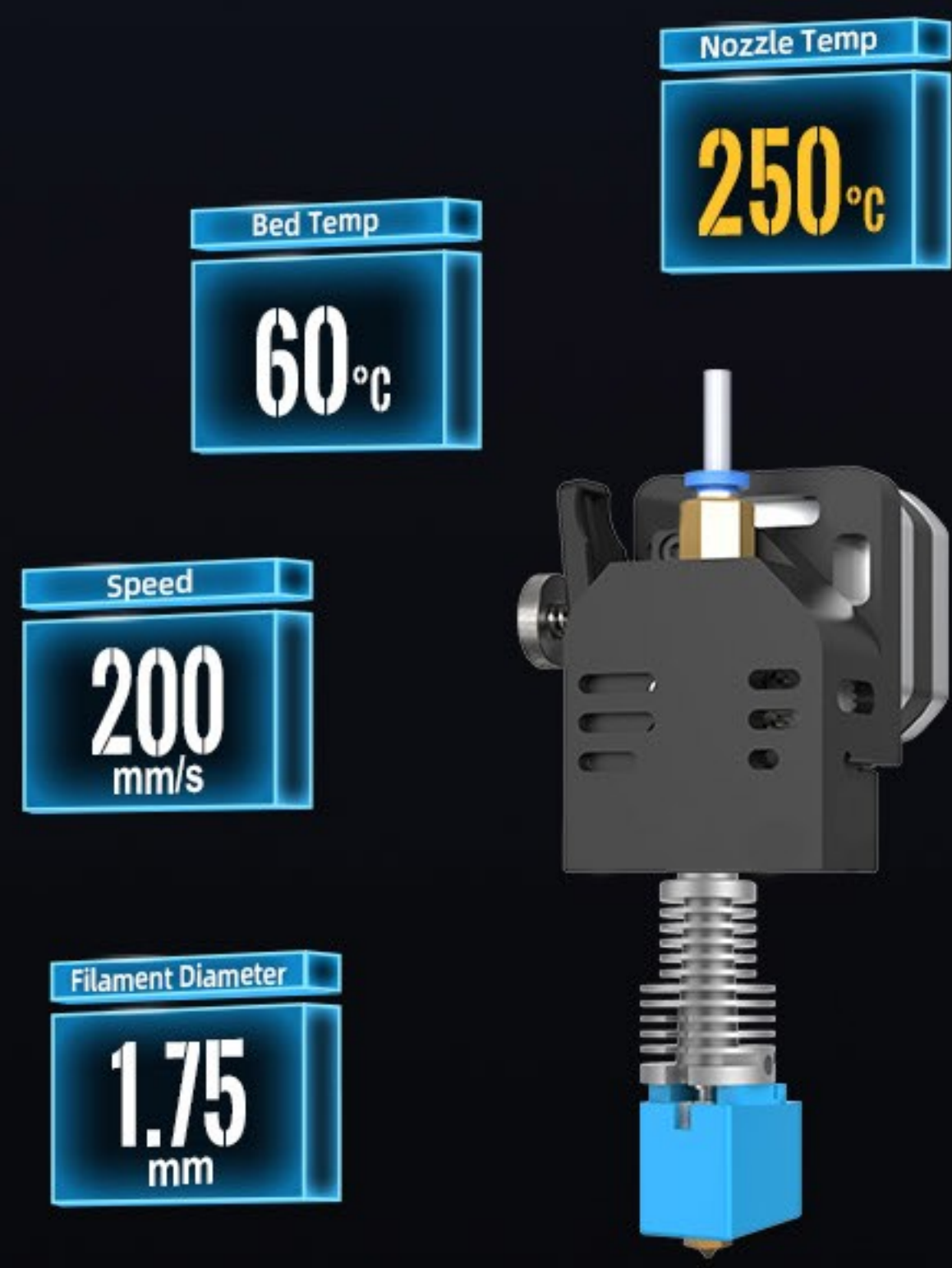
EXTRUDER HT — Higher 250 degrees (High Temperature Hot End)

EXTRUDER N — Below 250 degrees (Normal Hot End)

HT (High Temperature Hot End)

- Nozzle Temp: **350℃**
- Bed Temp: **90℃**
- 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

N (Normal Hot End)

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

Filament

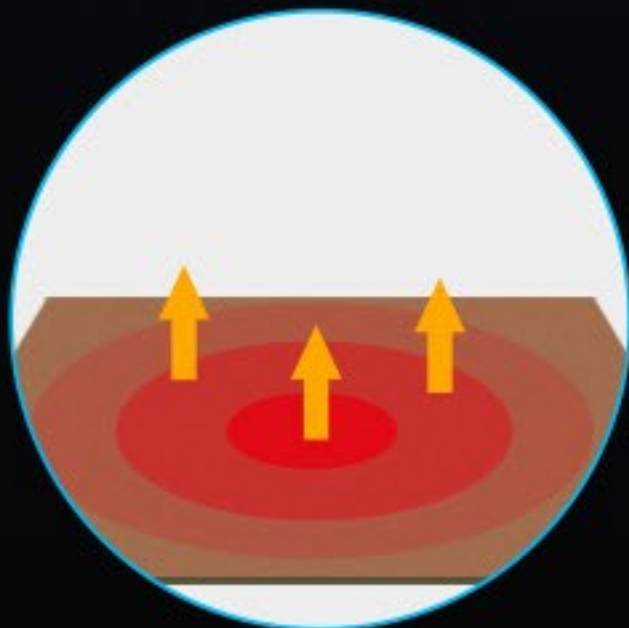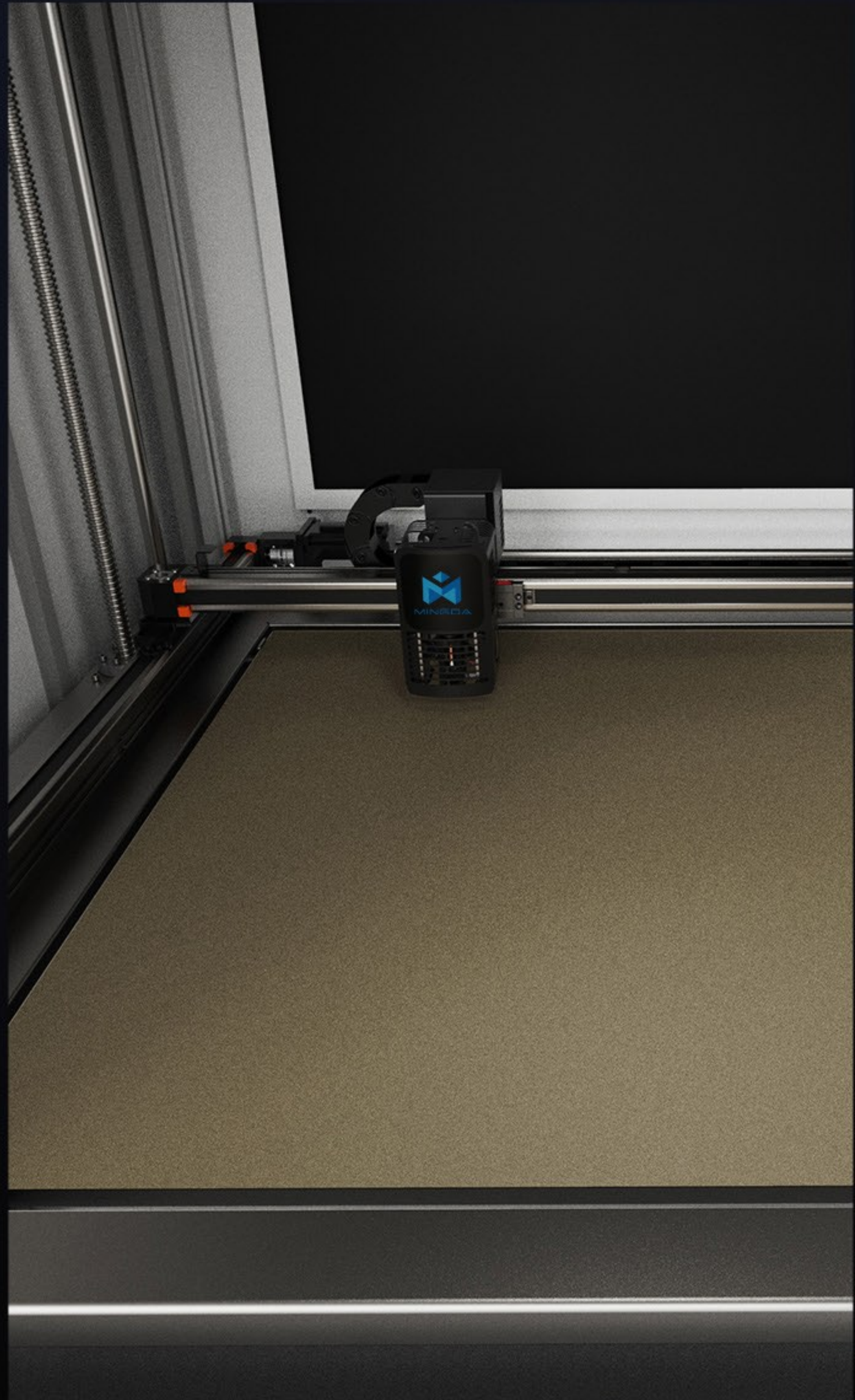| TPU 95A	TPU-85A	TPU-Foam	PLA

PEI Platform

3D

High adhesion

Easy remove
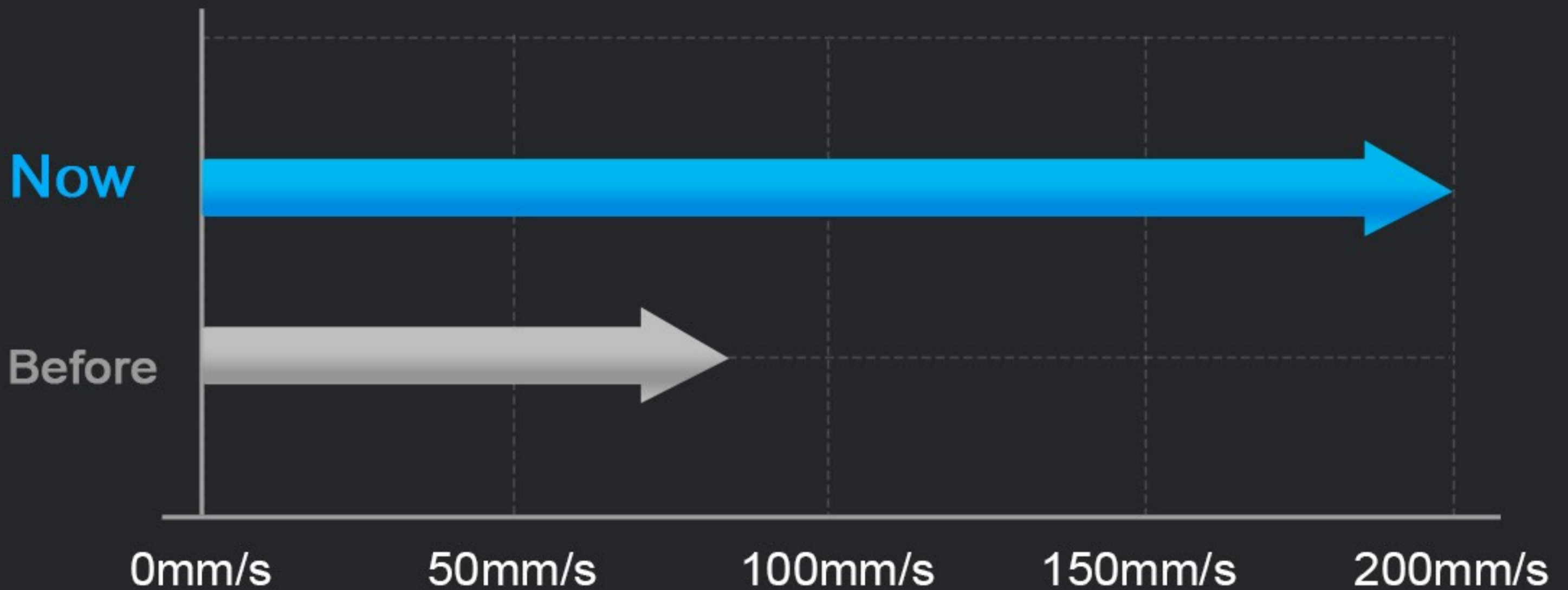models after cooling

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
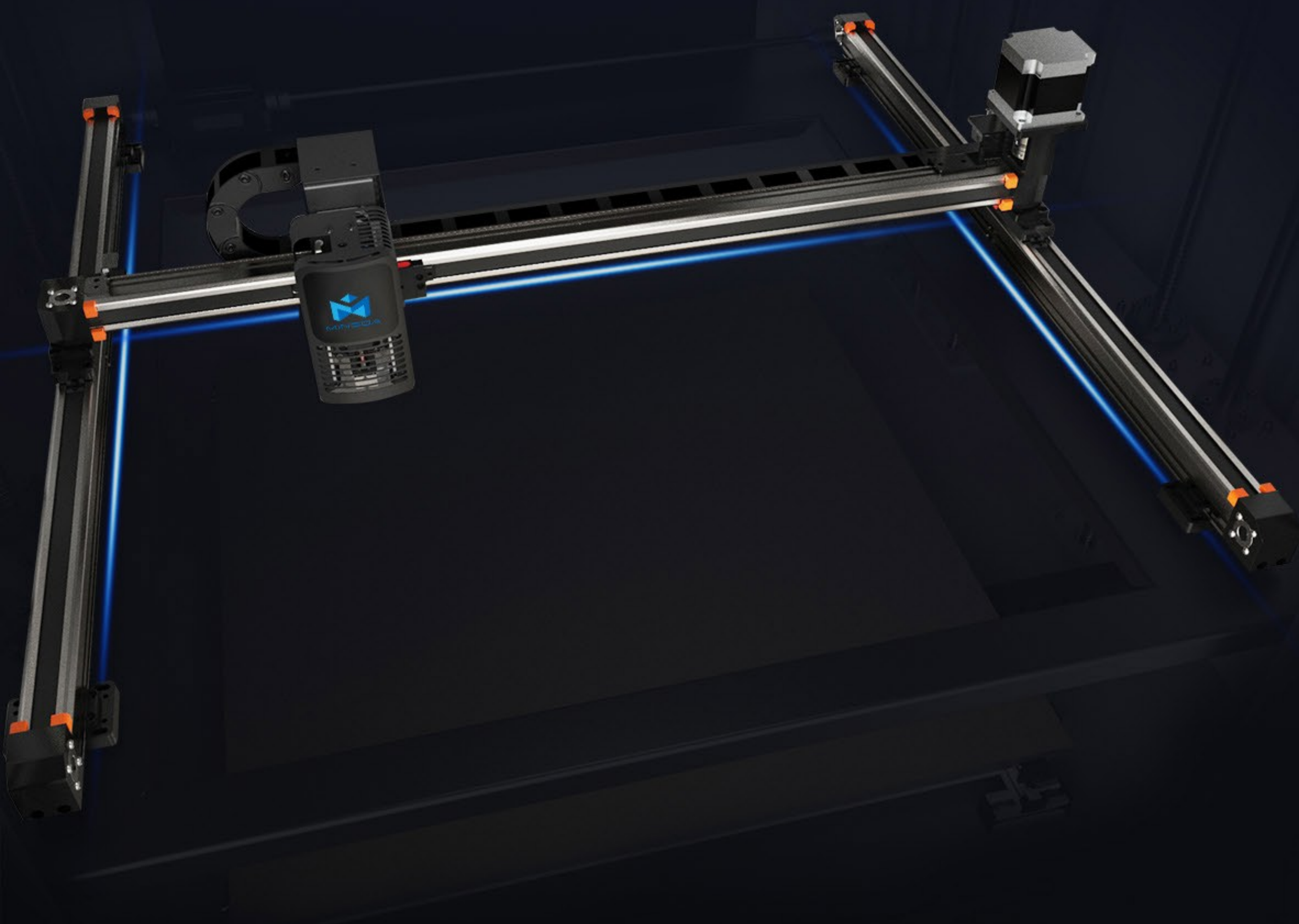
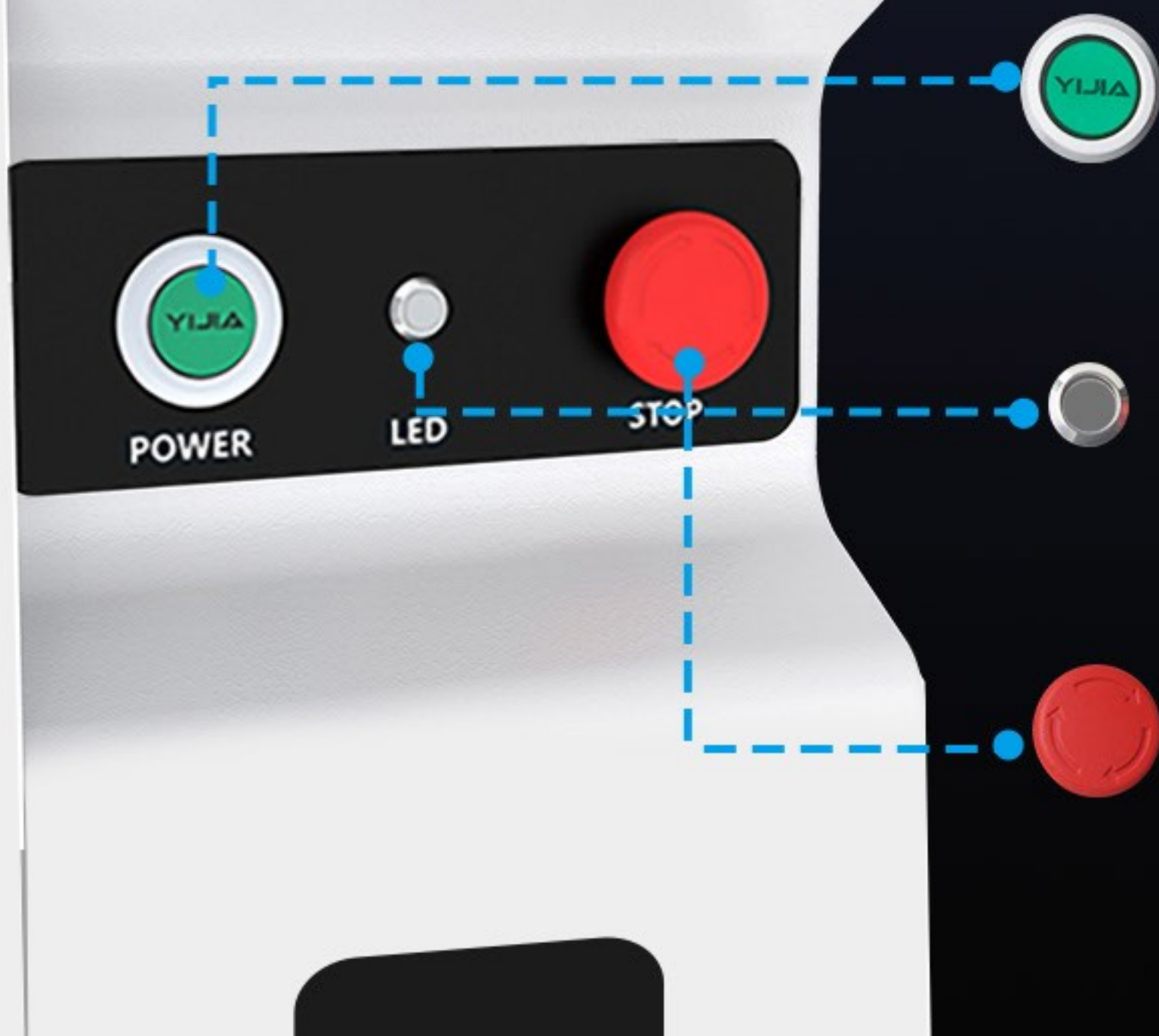**MD-600 Pro**

Ordinary 3D printing

Upgraded Silent Motherboard

MD-600 Pro uses a more powerful 32-bit motherboard independently developed by a MINGDA professional internal team

Cortex-M4

Intelligent Design

POWER **LED** **STOP**

Power Switch
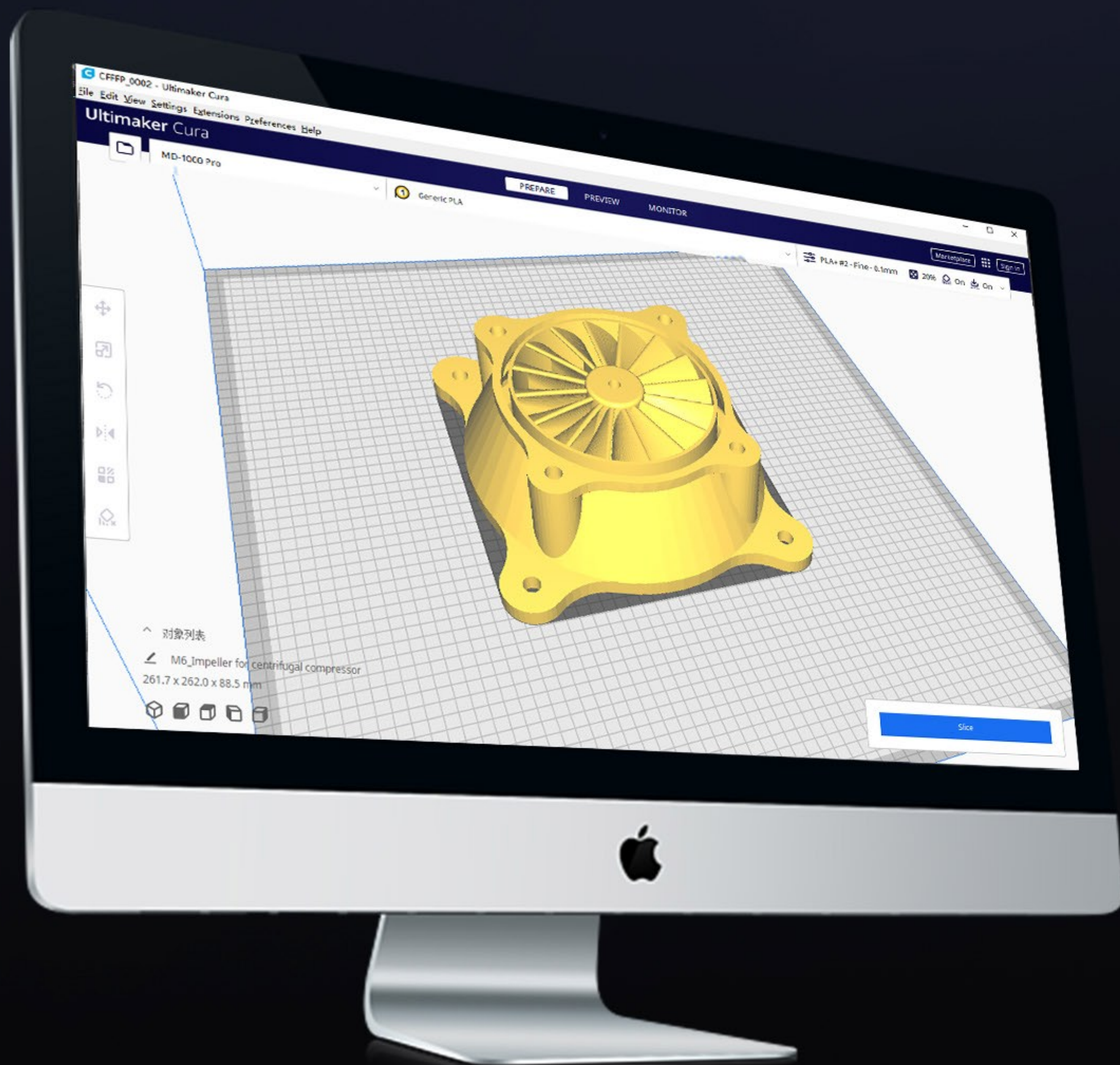Industrial power button
With automatic shutdown after printing

LED Light Switch

Emergency Stop Button
More safe and easy to use

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.
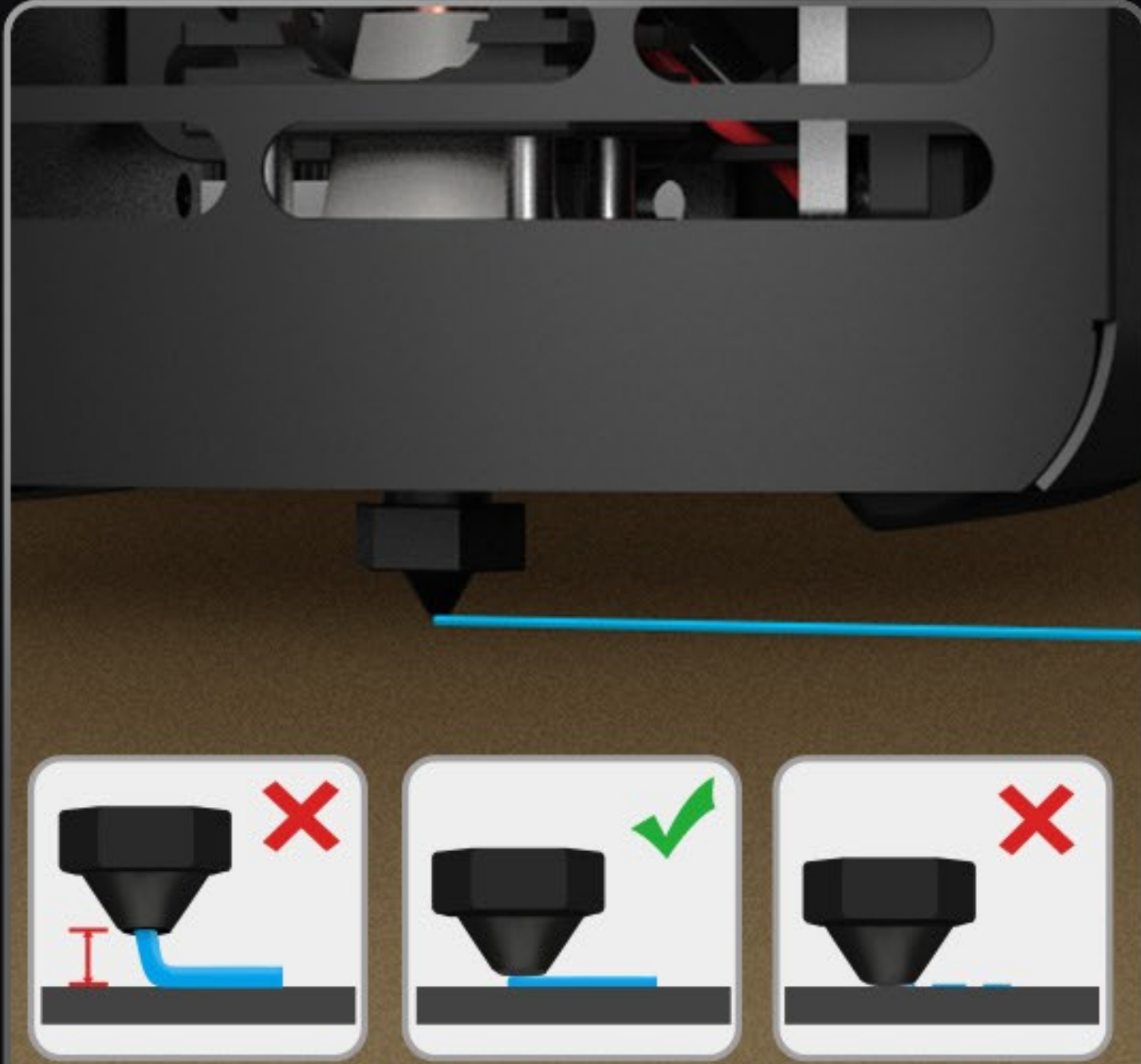Compatible files are wider, including STL, OBJ, X3D, 3MF, BMP, GIF, JPG, PNG.

Recover Printing

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.
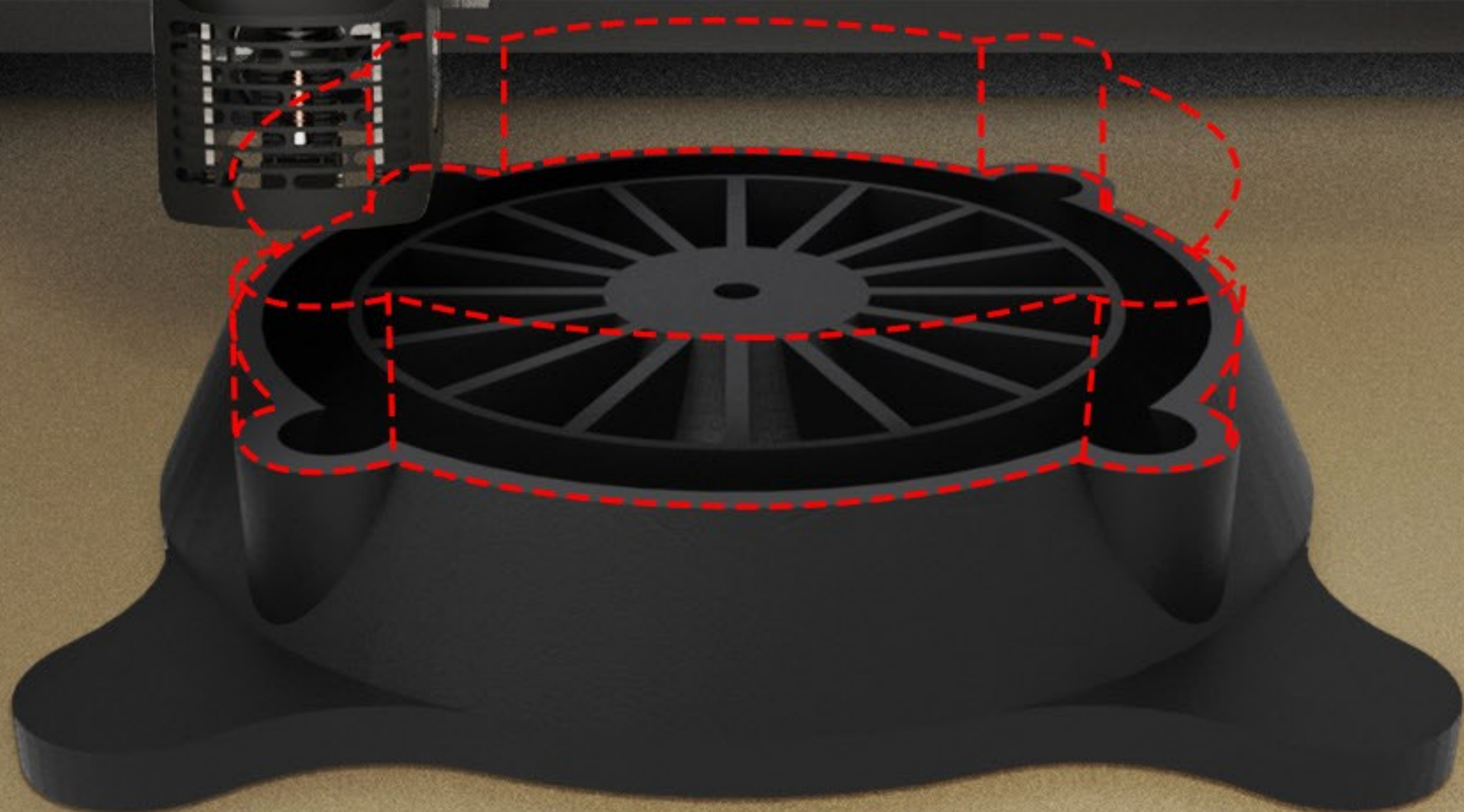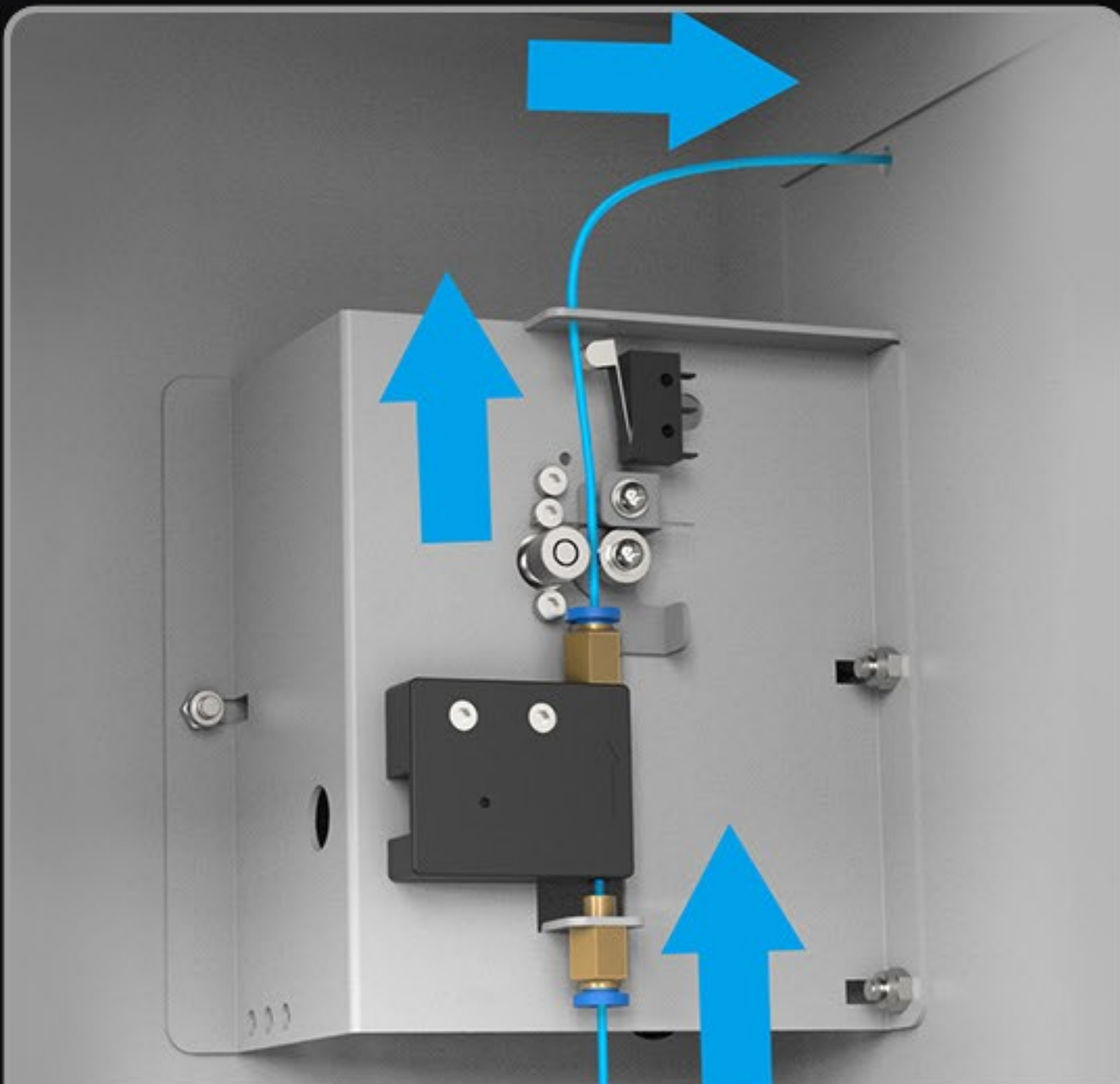
Other Advantages

Equipped with Babystep intelligent compensation function to ensure the success rate of printing the first layer of the model
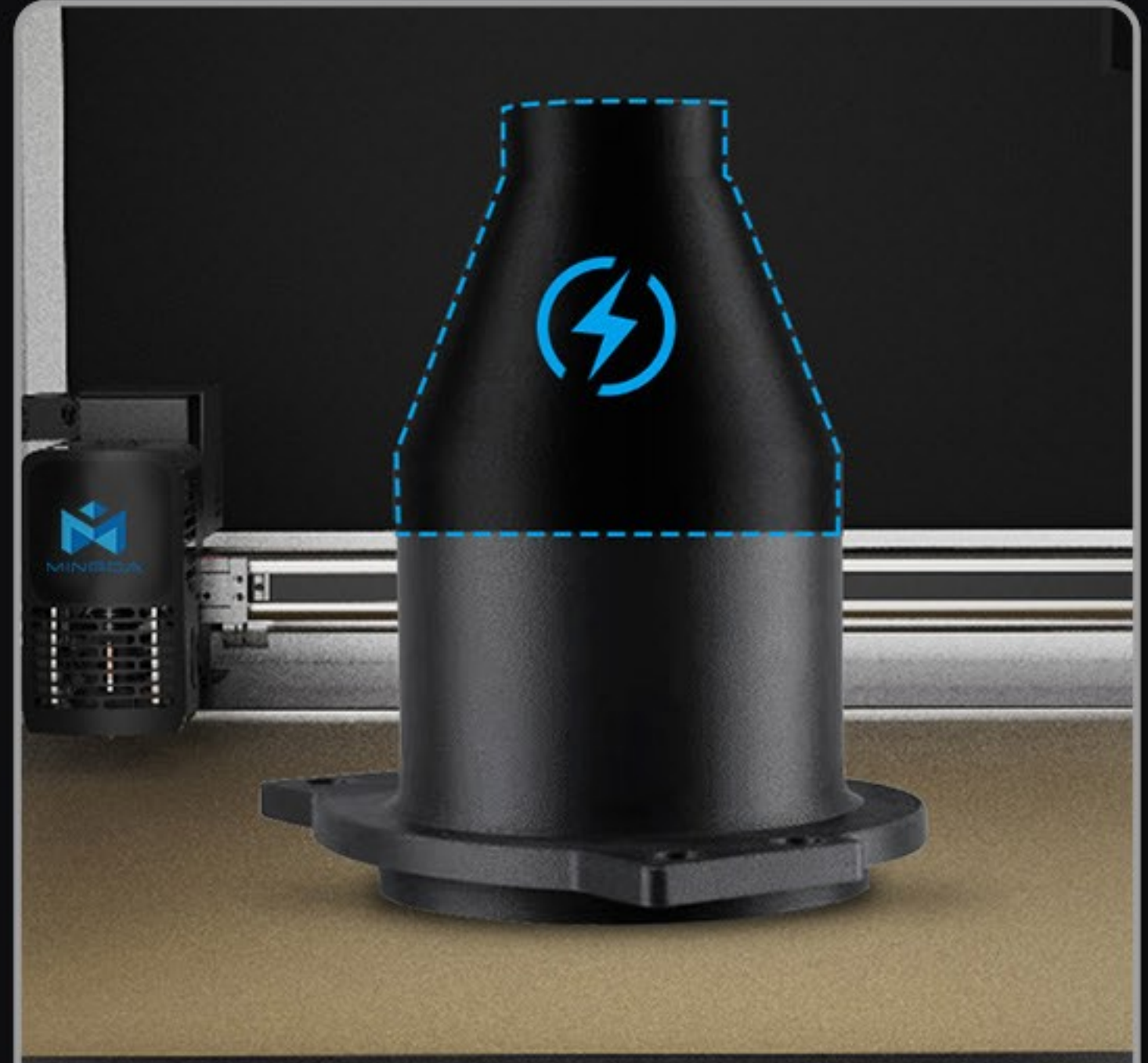
A new generation of intelligent power-off continuous play

Intelligent broken material detection

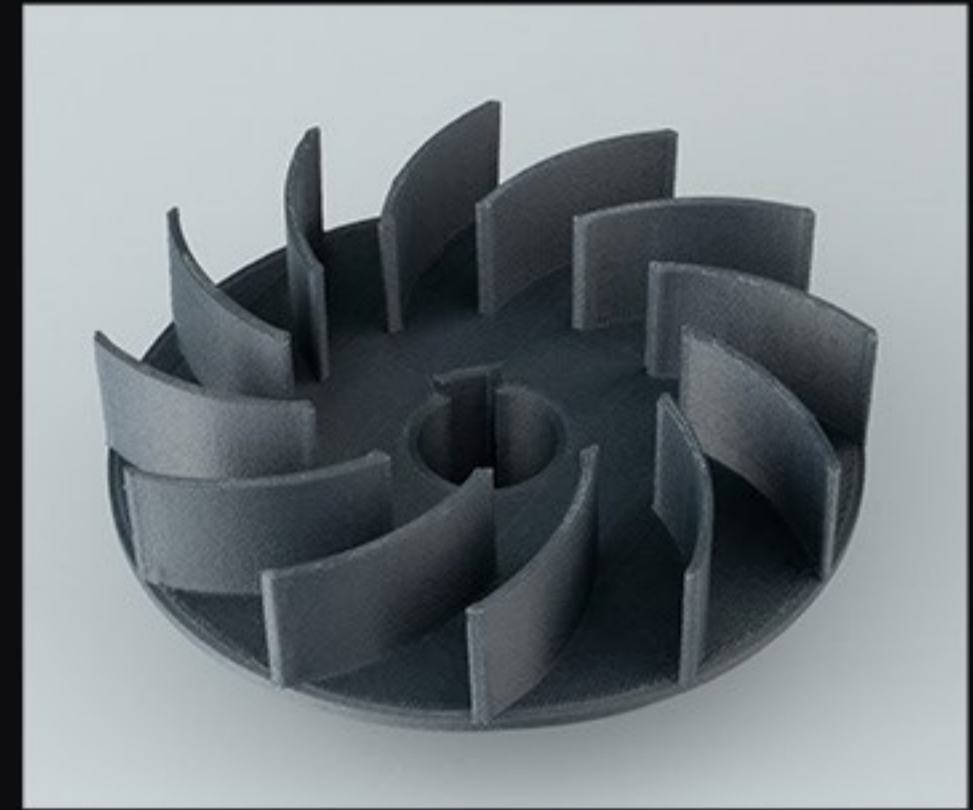Safety emergency shutdown button

Support Printing Filament

HtPA-GF

HtPA-CF

PA12-CF

PET-GF

PET-CF

PETG-ESD