

One-Stop 3D Printing Signage Solutions Provider

# MINGDA 3D AD-F4



Max Build Volume  
**800\*1200\*100mm**



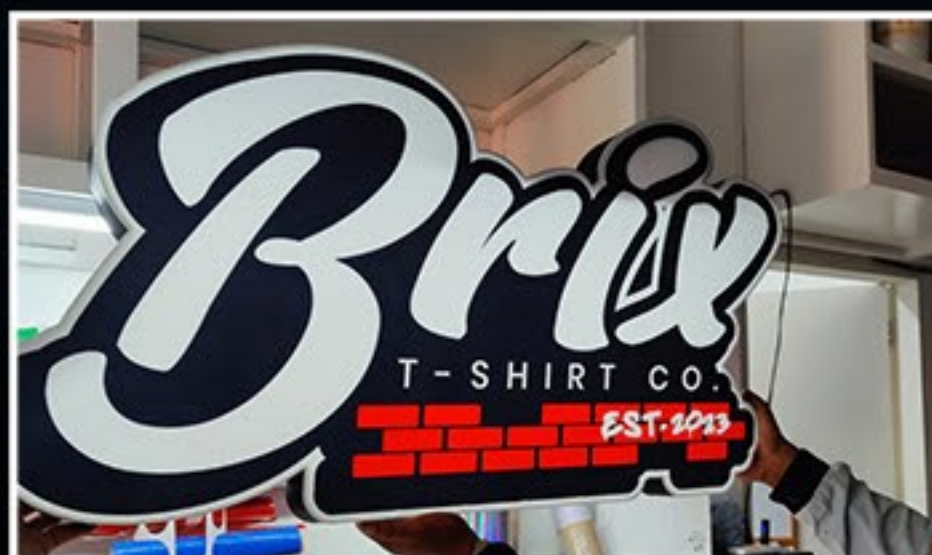
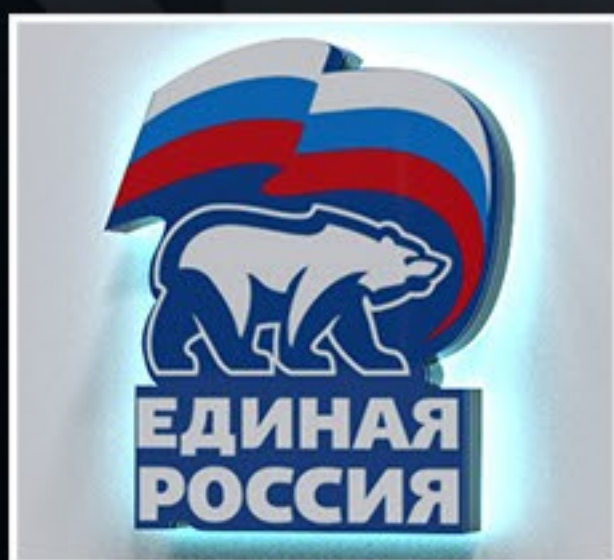
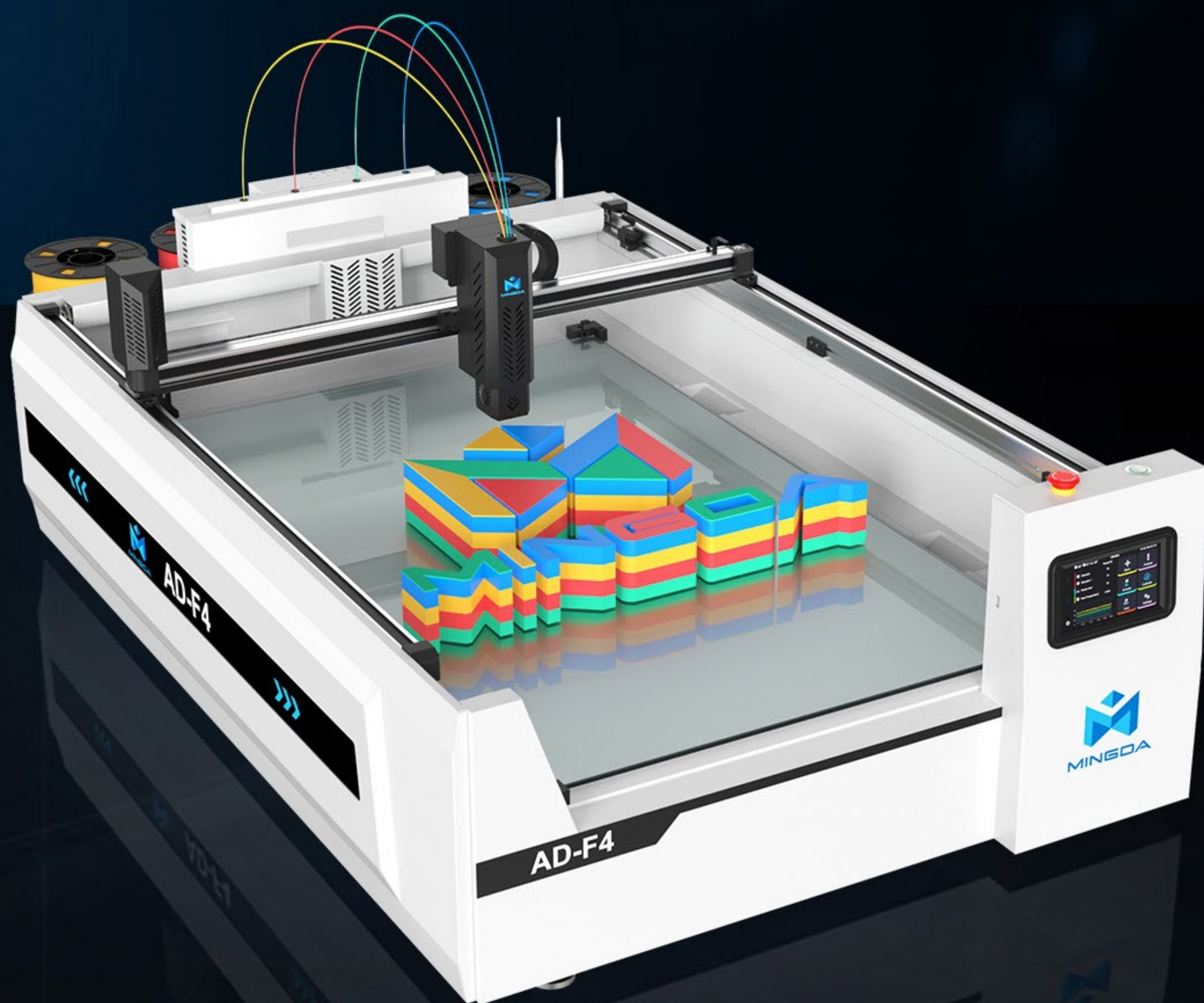
Printing Speed  
**Max.350mm/s**



**IMS four-color**  
feeding system



Filament:  
**PLA,PETG,PDS**





# Klipper & **5X High-Speed**

AD-F4 printing speed up to 350mm/s, 10000mm/s<sup>2</sup> Peak acceleration, only 0.035s speed up from 0 to 350mm/s, achieving ultra-high efficient printing.

**500mm/s**

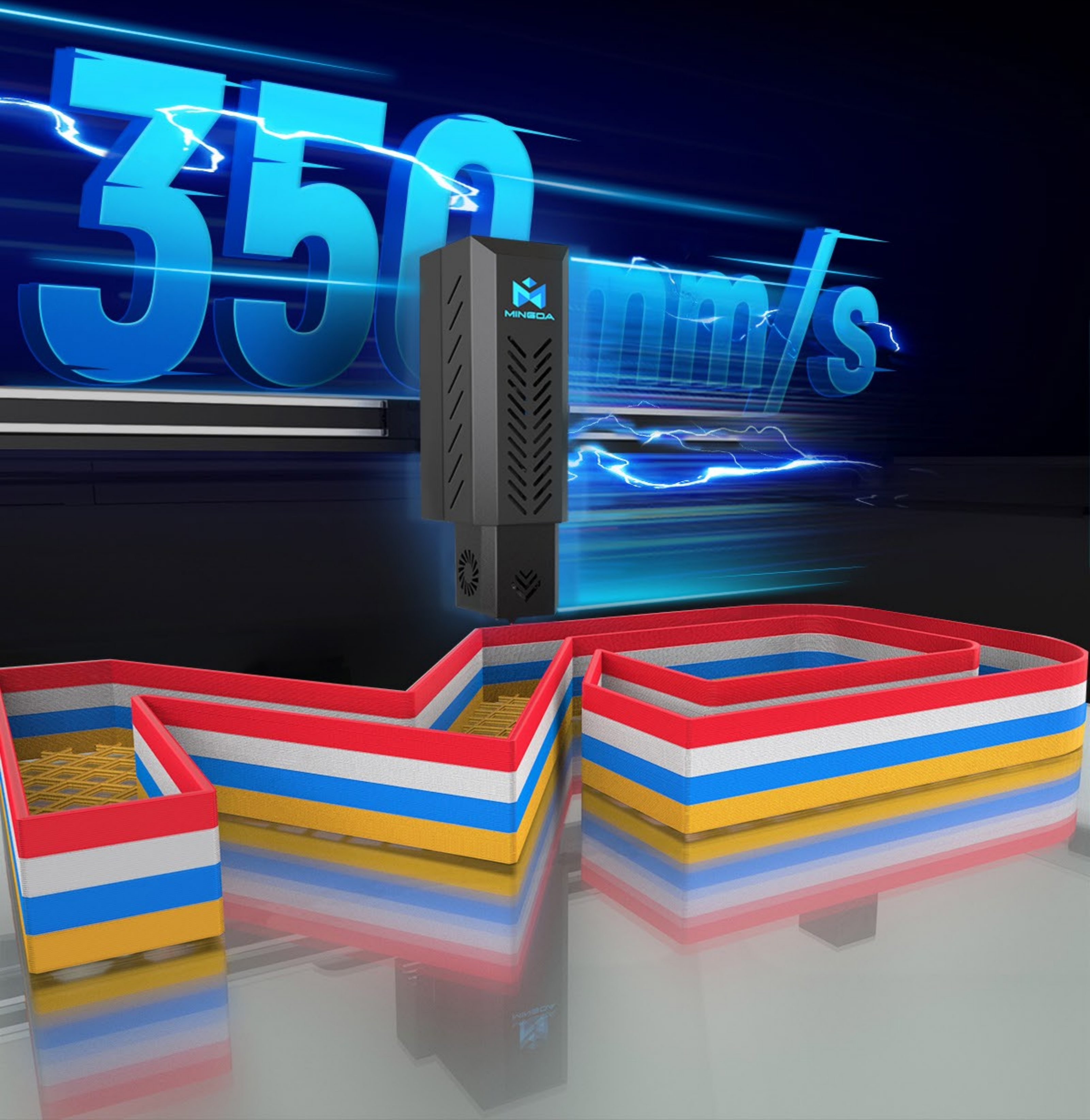
Travel speed

**350mm/s**

High-Speed

**40mm<sup>3</sup>/s**

Flow





# Innovator of IMS Four-Color Feeding System

AD-F4 can make LED letter printing more flexible and colorful





# Light Box

Filament  
**PDS**

Model size  
**800\*765\*80mm**

Speed  
**250mm/s**

Printing time  
**8 hours**



Compared to most letter 3D printers on the market

Filament: **PDS**

Printing Speed: **50mm/s**

Printing Time: **40hrs**

\* The experimental data is for reference only



# Most Revolutionary Design

## First generation

Two  
colors

Normal  
speed



## MINGDA AD-F4

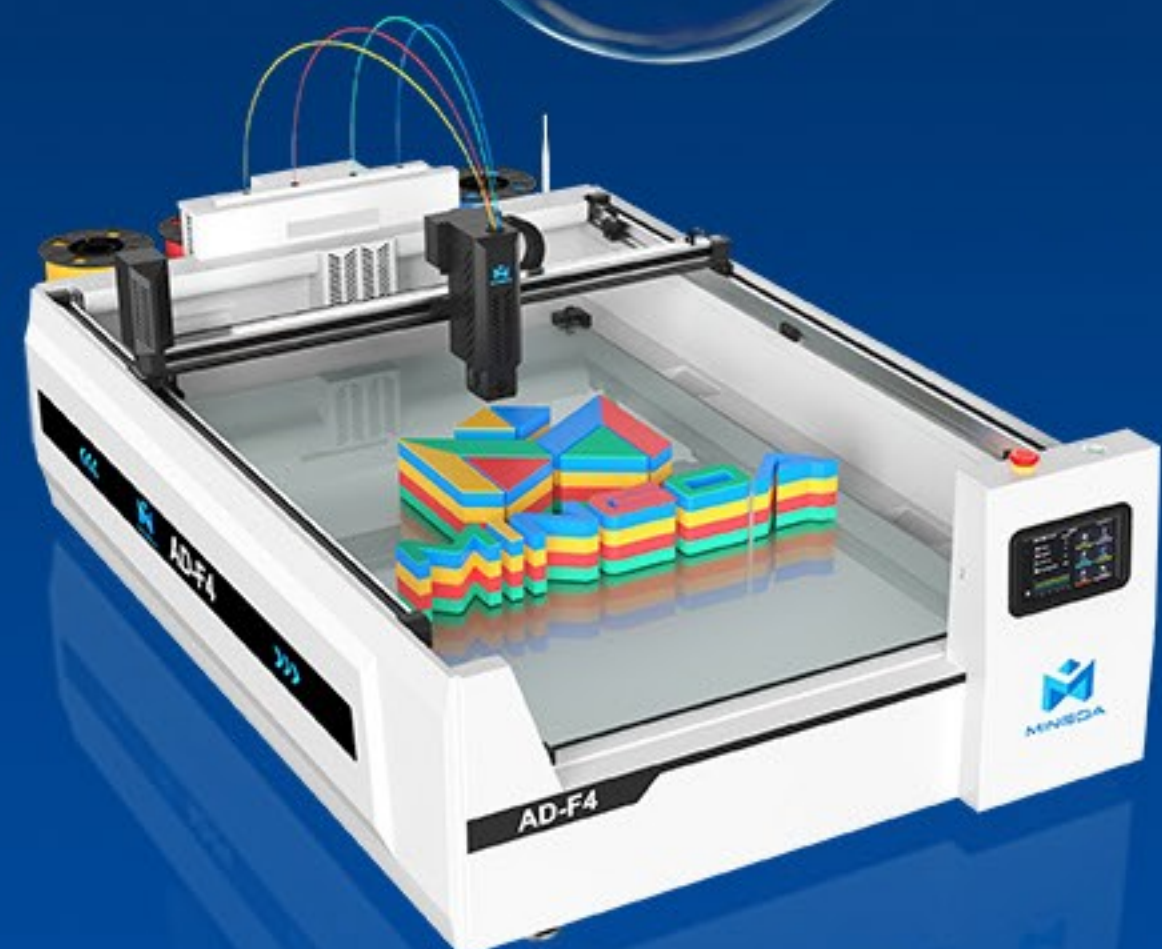


IMS four-color  
feeding system

Four  
Colors

Faster  
&Klipper

Camera&  
Remote  
Monitoring





# Make a "Big" difference

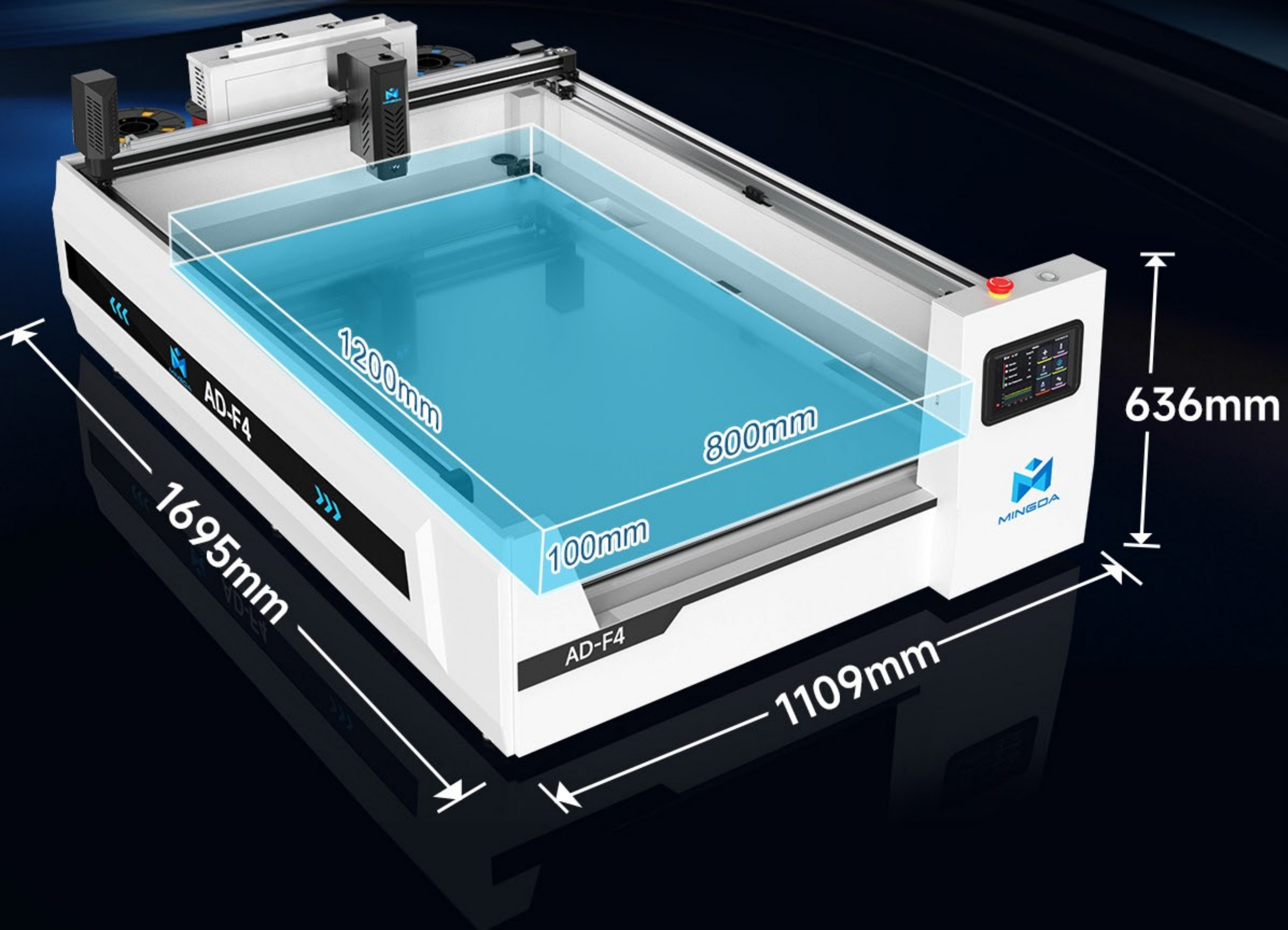
Professional Team and Innovative Craftsman Spirit Make  
Our Printer **Unique and Beyond**

Machine Size

1109\*1695\*636mm

Large Printing Size

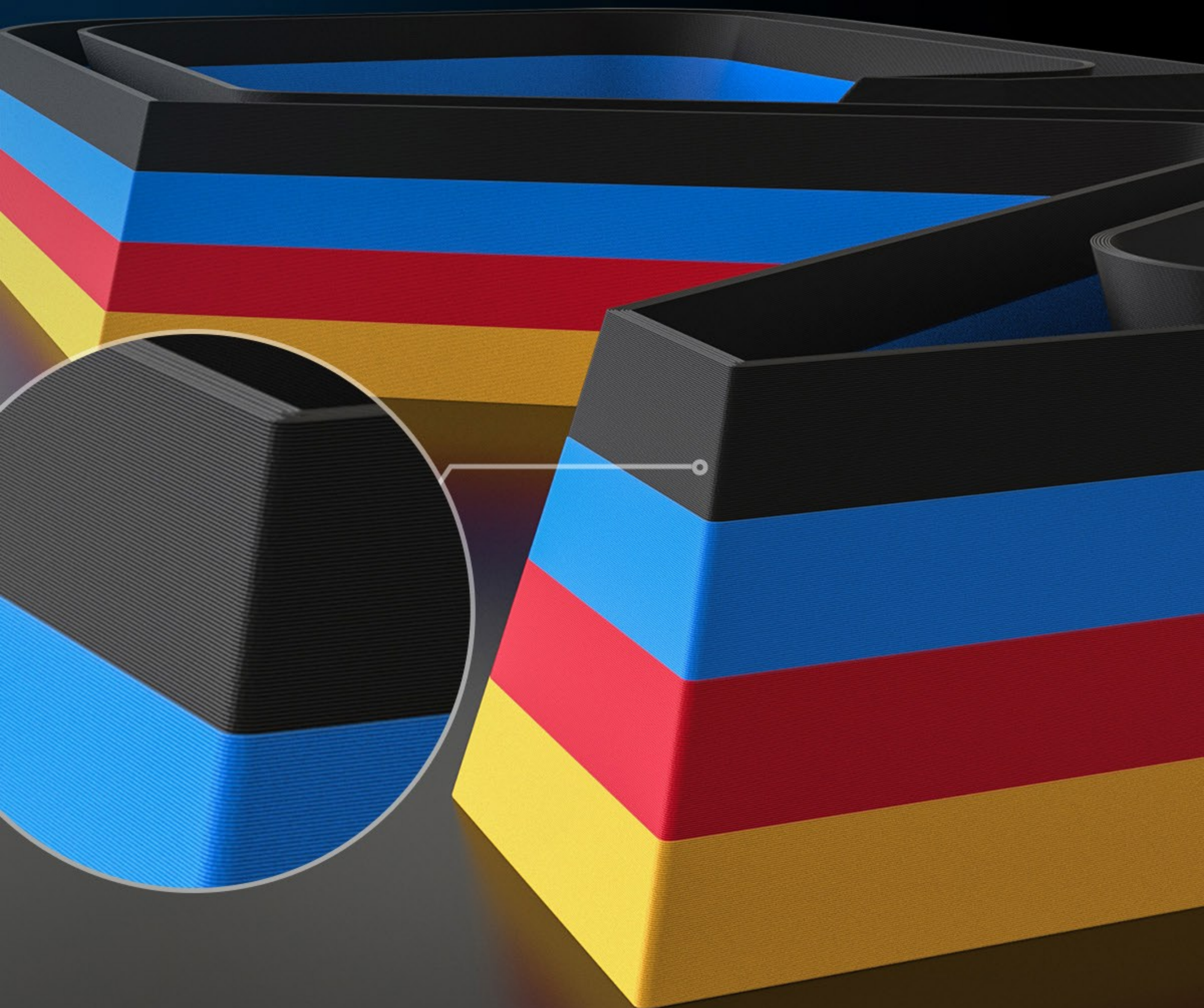
800\*1200\*100mm





# Input Shaper

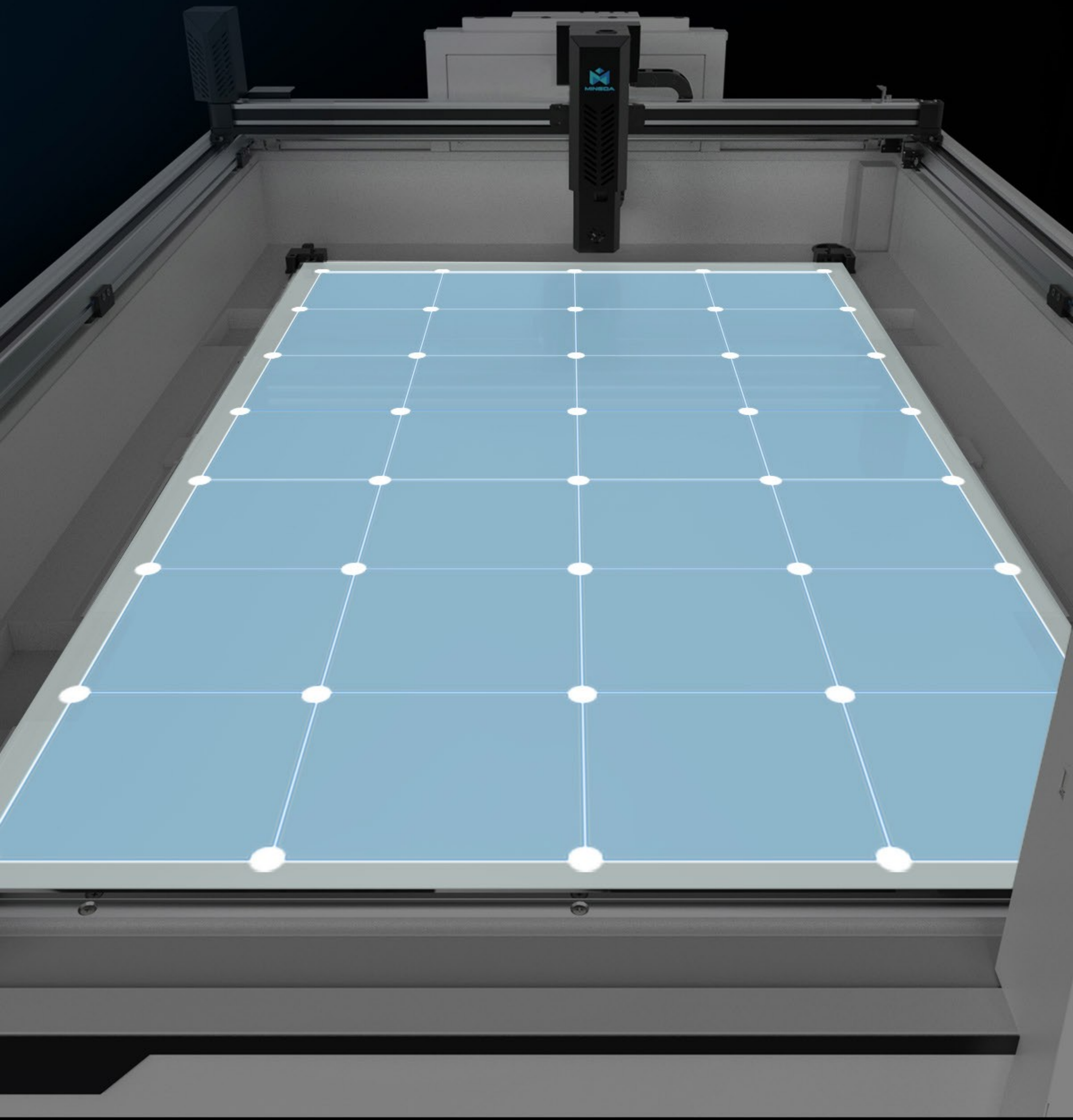
Minimize vibration patterns and make the surface smoother





# Third-Generation **Auto Leveling**

The third-generation auto-leveling system is faster and more precise, enhancing the first-layer adhesion, saving more time on leveling, and simultaneously increasing the success rate of prints.





# Air Heating Bed

The air heating bed heats up faster, is more energy-efficient, and Minimize warping of the models.





Self-developed slicing software



# MINGDA Slicer

## Available Modeling

Font generation, vector file reading, 3D model generation.

Expected to be twice as fast as the original version. Experience unparalleled creativity with our advanced software, which offers 2D to 3D conversion, text generation, and the ability to create fonts in various shapes.







Import dxf / svg 2D File

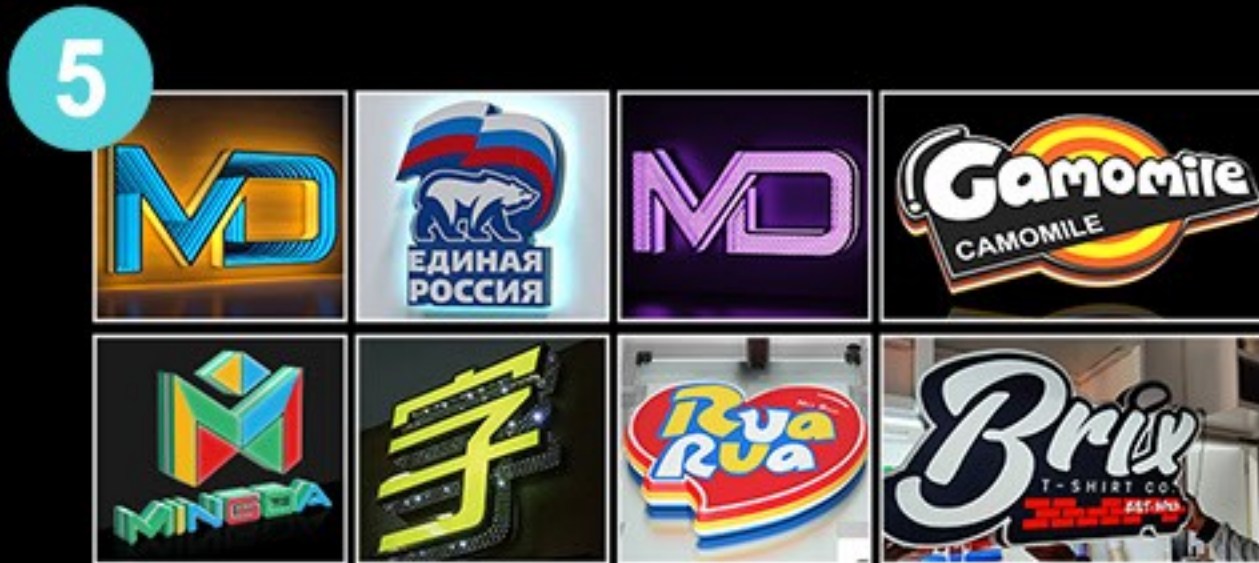


One click to generate from  
2D into 3D model

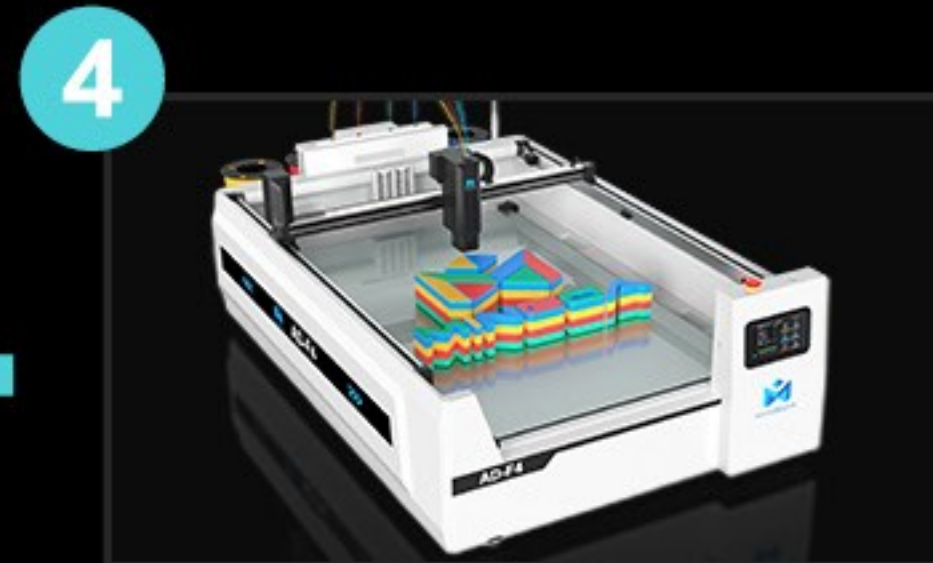


Adjust parameters  
and export slice files

## Printing Procedure



Model Display



AD-F4 Printing





# Remote Control And Monitoring

Support sending printing tasks to printers through WAN/LAN networks, controlling and viewing various aspects of 3D printers and printing tasks. If you have multiple printers, you can easily switch among them in the device list.



## Supported files



## Supported systems



Window 7 - Window 11

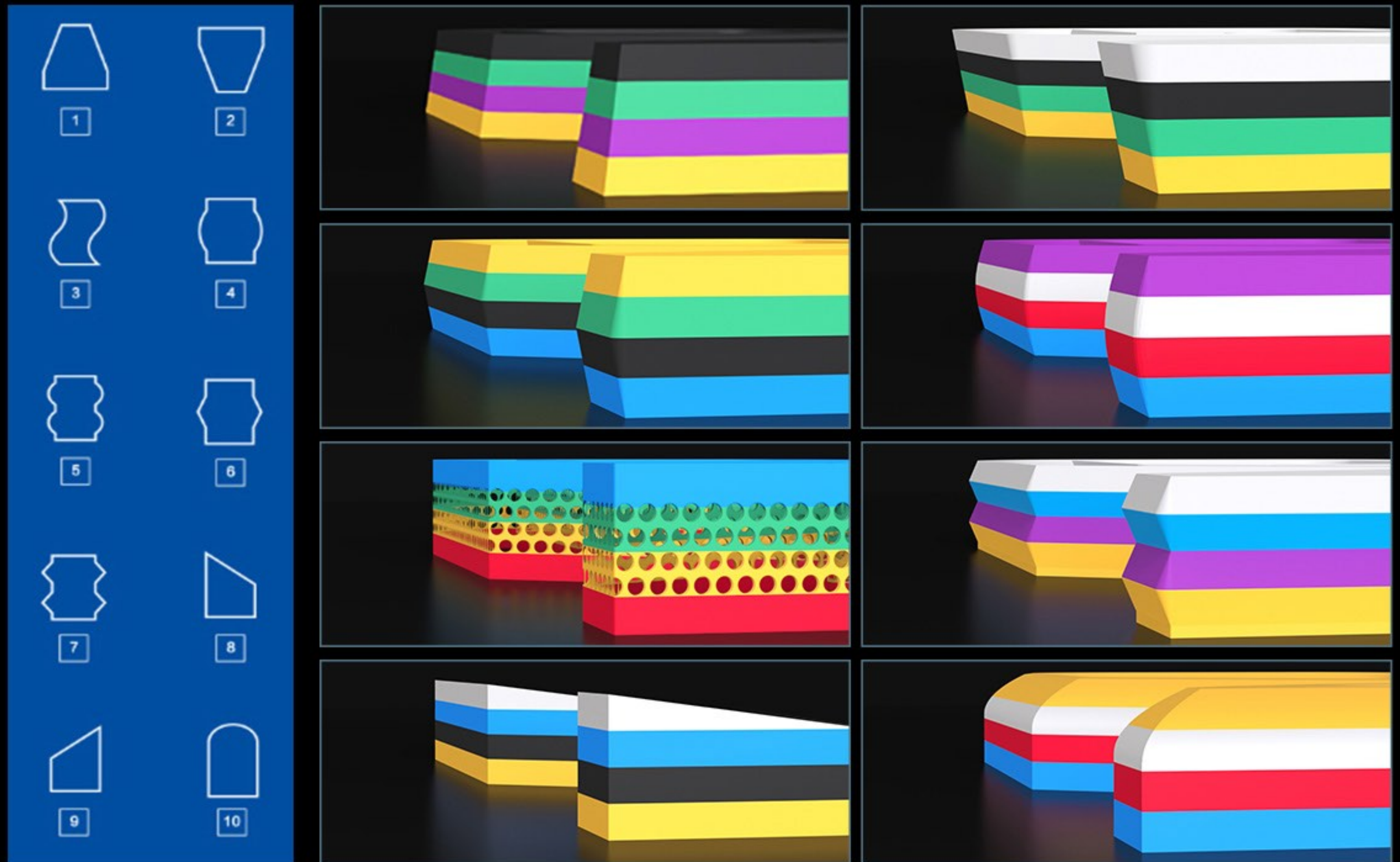


Mac



# Supported Fonts

## Example of Advertising Letters-Side Shapes





# Example of Advertising Letters-Face patterns





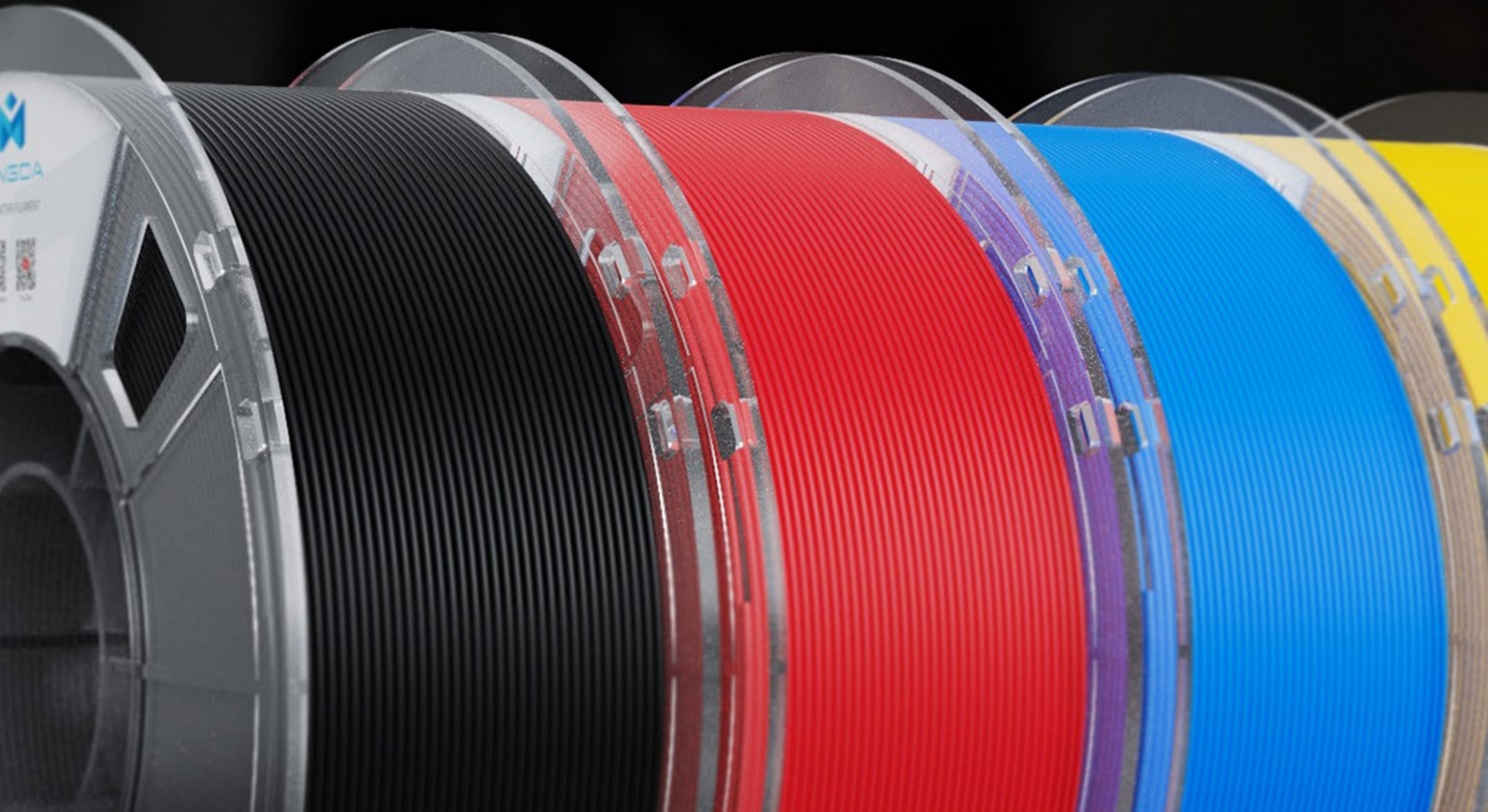
**300°C** nozzle

compatible with most filaments on the market

**PETG**

**PDS**

**PLA**





# Technical Parameter

## Printing Parameters

Technical principle:	FFF (Fuse Manufacturing Technology)
Printing size:	800x1200x100mm
Layer thickness:	0.1-0.5mm
Printing nozzle:	4 in 1 out
Number of trays:	4 (Max 1KG/pcs)
Filament diameter:	1.75mm
Printing speed:	Max.350mm/s(0.4mm nozzle), Max.200mm/s(0.8mm nozzle)
Nozzle diameter:	0.8mm (optional: 0.4mm, 0.6mm, 1.0mm)
Leveling method:	Yes
Filament types:	PLA, PETG, PDS, etc
Nozzle temperature:	Max 300 °C
Hot bed temperature:	Max 60 °C
Intelligent design:	Filament break detection, power-off resume printing

## Equipment Parameters

Maximum power:	220V/2700W
Firmware:	Klipper
Data connection:	U-Disk, WiFi
Operation screen:	7-inch touch screen
Printing platform:	Glass platform
Cooling system:	Air-cooled
Moving speed:	Max XY 500mm/s,Max.Z 15mm/s
Dimensions:	Length 1109 * Width 1695 * Height 636mm
Package weight:	165KG

## Security Parameter

Safety design:	Three color warning light, E-stop Switch, Air Switch
Regulatory certification:	CE, FCC

## Slicing Software

Slicing software:	AdWordCraft, MINGDA Slicer
Data type:	.dxf .svg .3mf .stl .stp .step .amf .obj
Operating system:	Windows/Mac OS



# MINGDA 3D printer after-sales service commitment



Extra long warranty



1-hour after-sales quick response



1-on-1 exclusive after-sales engineer service

We promise our customers that we will provide nine major services for MINGDA users

01

Online Installation and Debugging Assistance

02

Equipment Operation Training

03

Slicing Process Guidance

04

Routine Equipment Maintenance Guidance

05

Equipment Software System Upgrades

06

Model Printing Troubleshooting

07

Equipment Troubleshooting

08

Spare Parts Replacement

09

Sample Printing Assistance