

One-Stop 3D Printing Signage Solutions Provider

MINGDA 3D AD-F4 Pro



Max Build Volume
1200*800*100mm



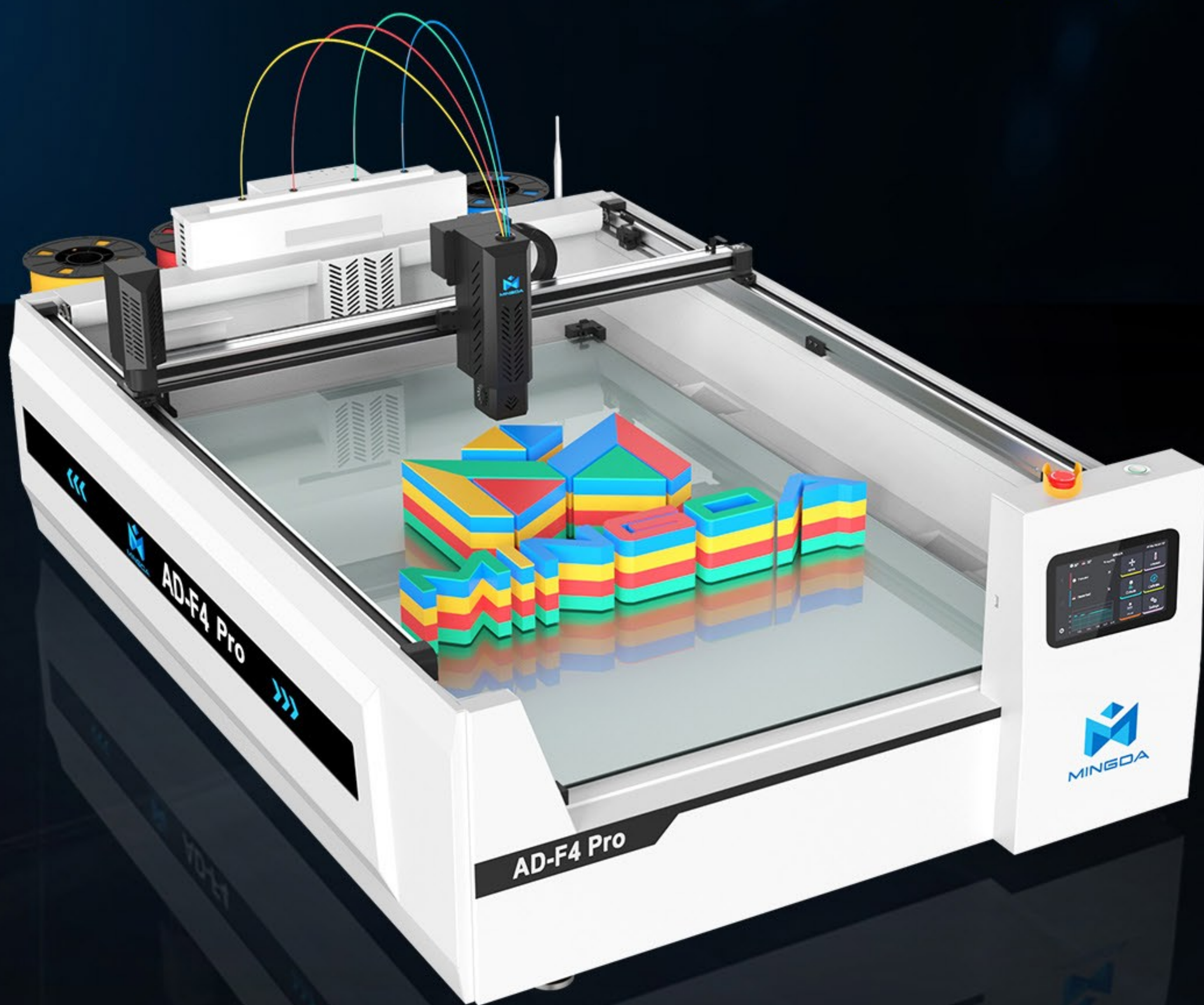
Printing Speed
Max.300mm/s



IMS four-color
feeding system



Filament:
PLA,PETG,PDS



Klipper & **5X High-Speed**

AD-F4 Pro printing speed up to 300mm/s, 10000mm/s² Peak acceleration, only 0.035s speed up from 0 to 300mm/s, achieving ultra-high efficient printing.

300mm/s

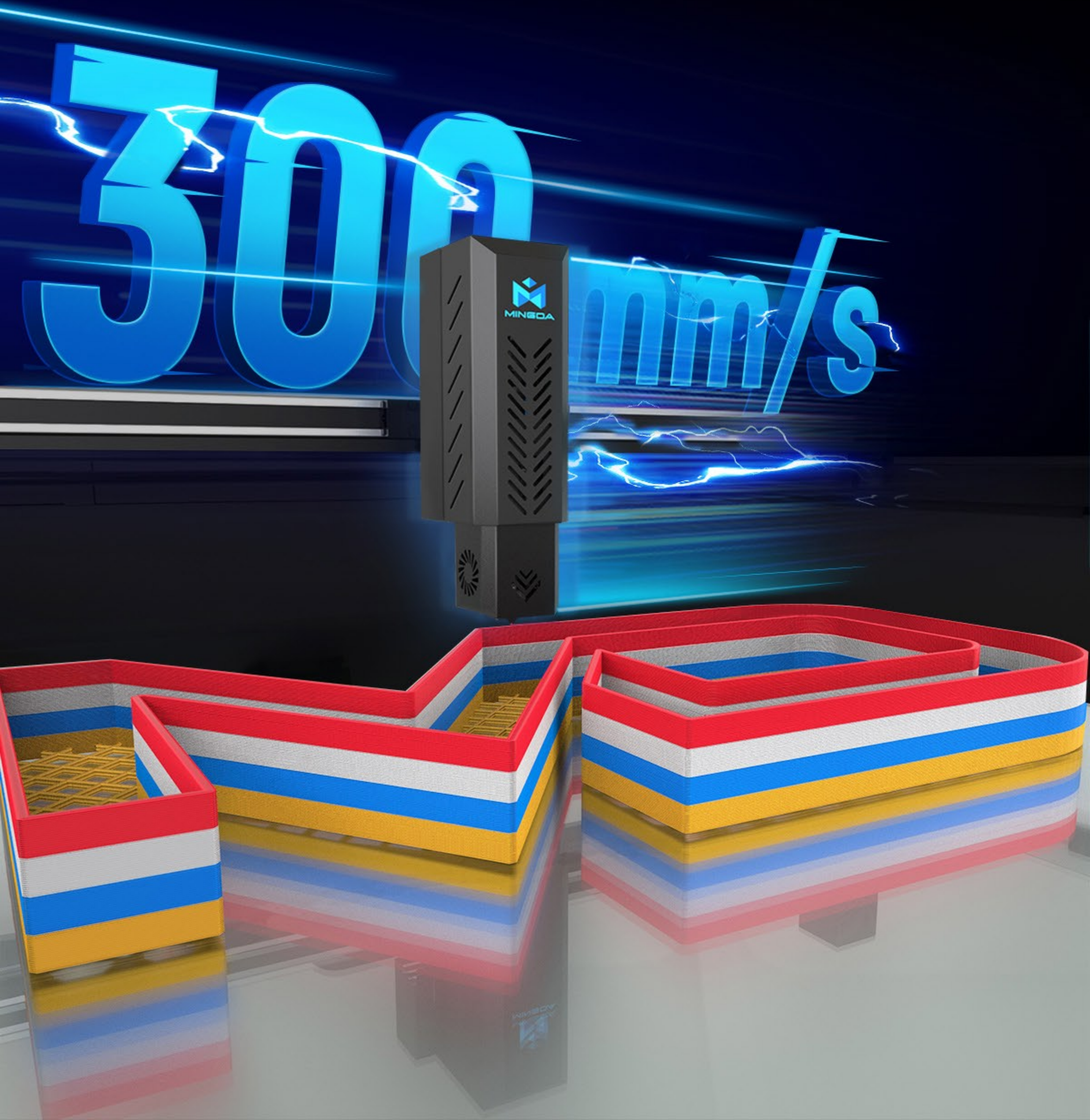
Travel speed

200mm/s

High-Speed

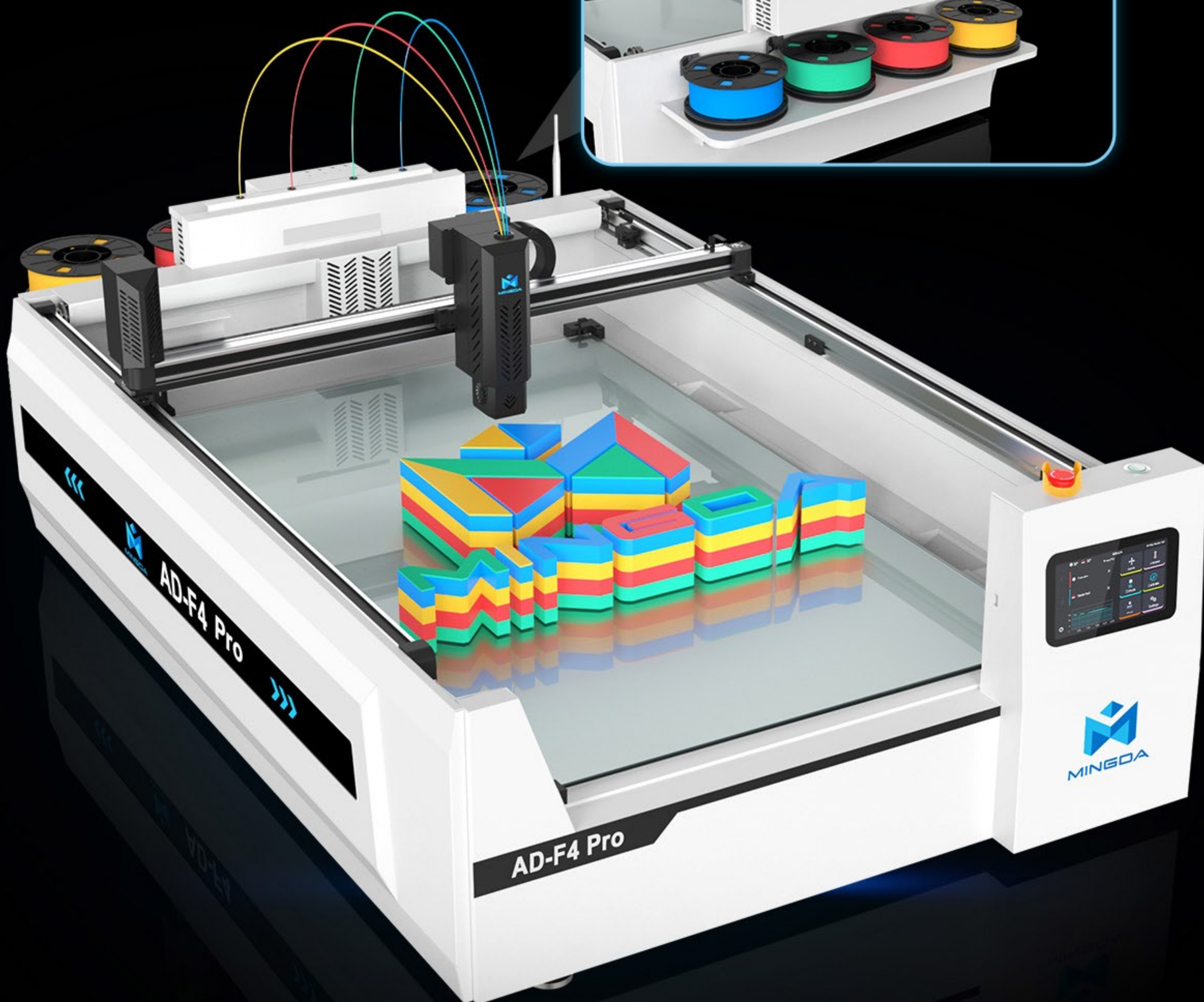
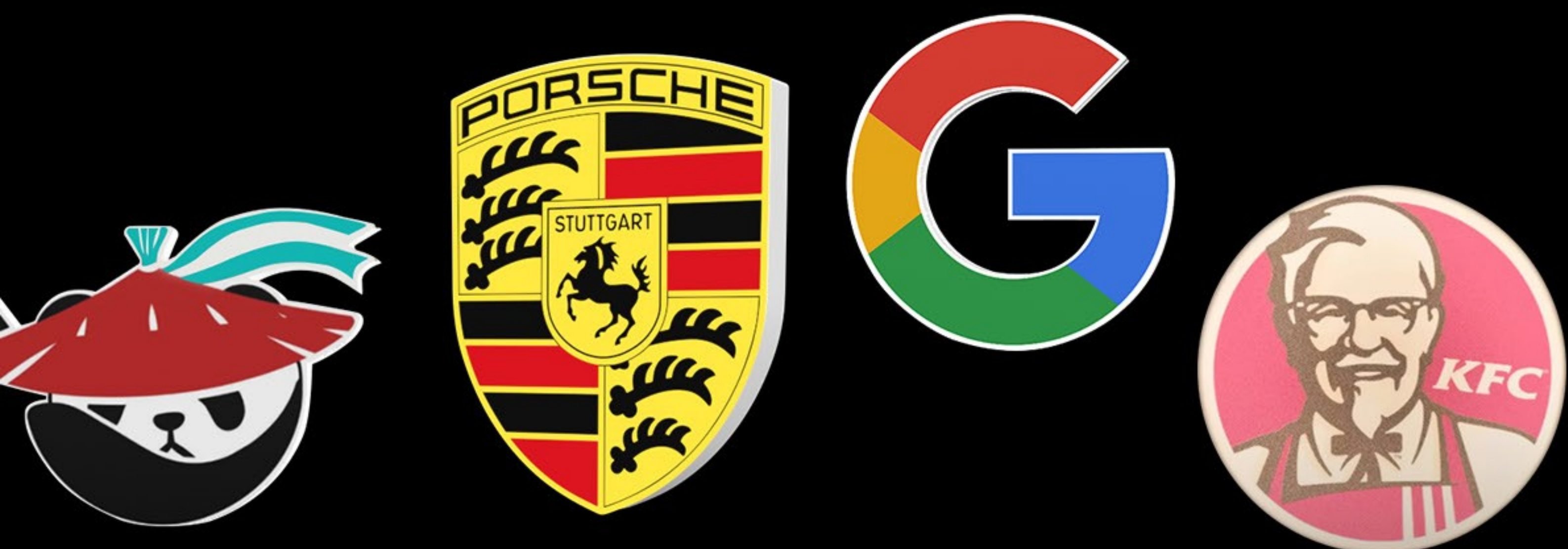
40mm³/s

Flow



Innovator of IMS Four-Color Feeding System

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



Light Box

Filament

PDS

Model size

700*600*50mm

Speed

120mm/s

Printing time

14 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

AD-F4 Pro

Most Revolutionary Design

First generation

Two
colors

Normal
speed



AD-F4 Pro

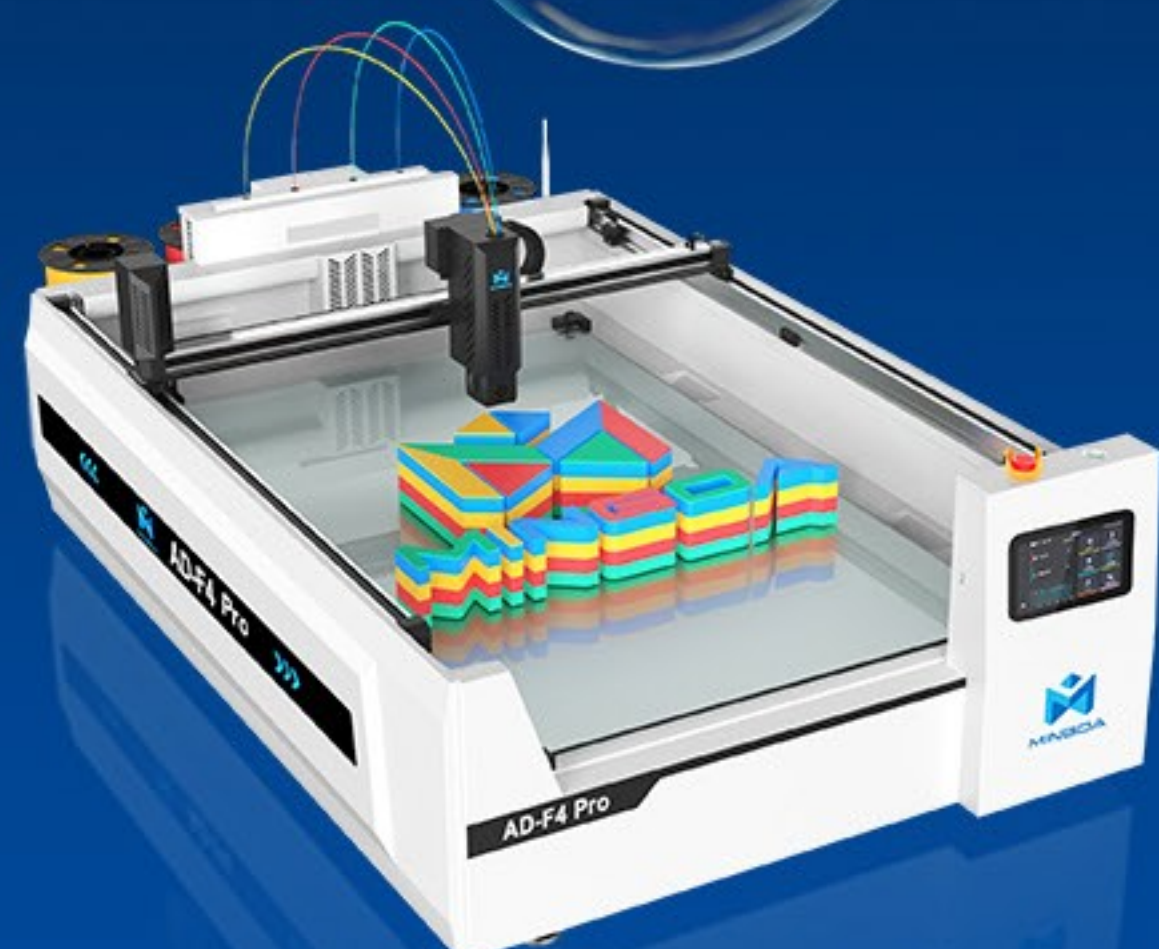


IMS four-color
feeding system

Four
Colors

Faster
&Klipper

Camera&
Remote
Monitoring



Make a "Big" difference

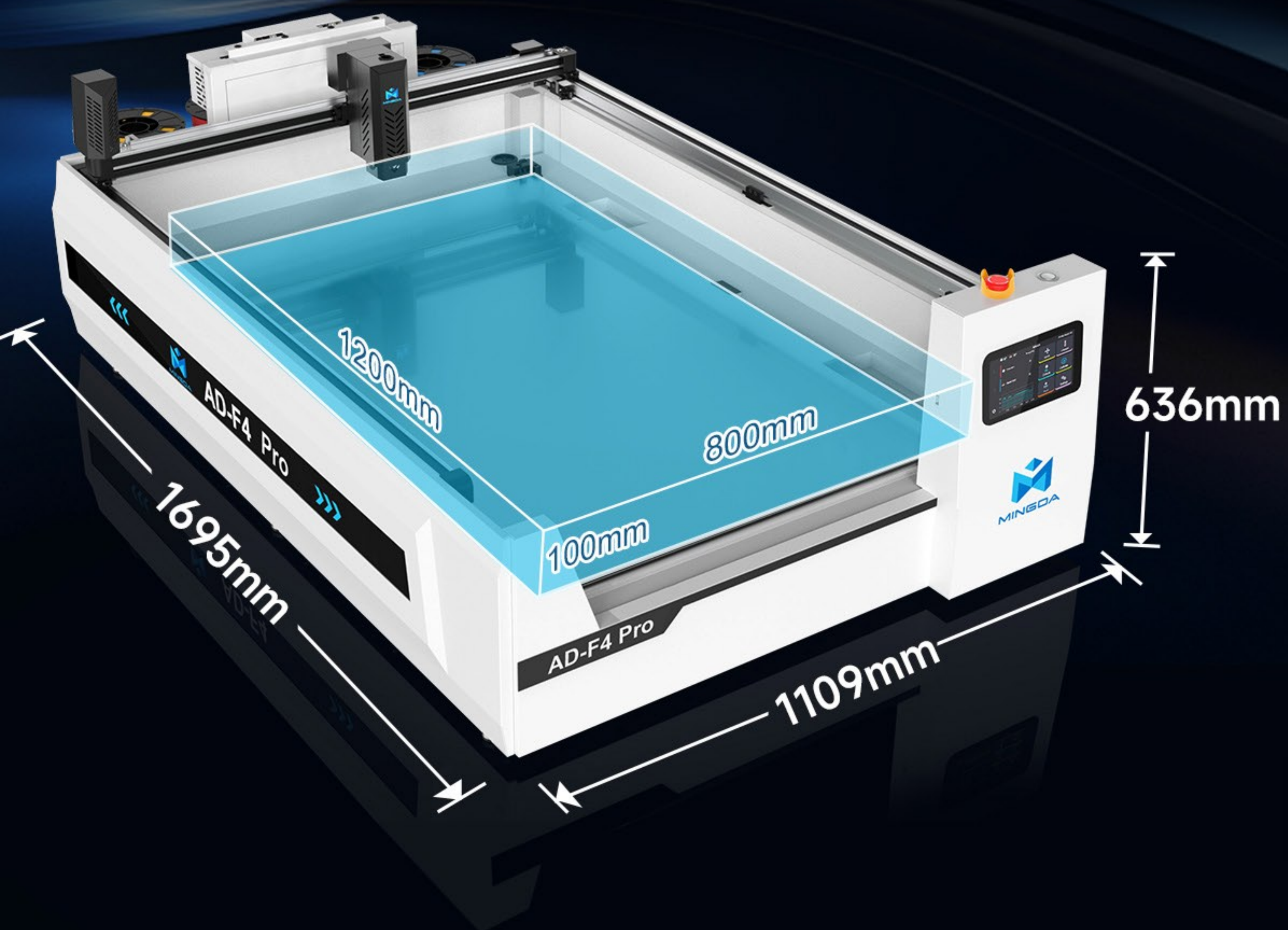
Professional Team and Innovative Craftsman Spirit Make
Our Printer **Unique and Beyond**

Machine Size

1109*1695*636mm

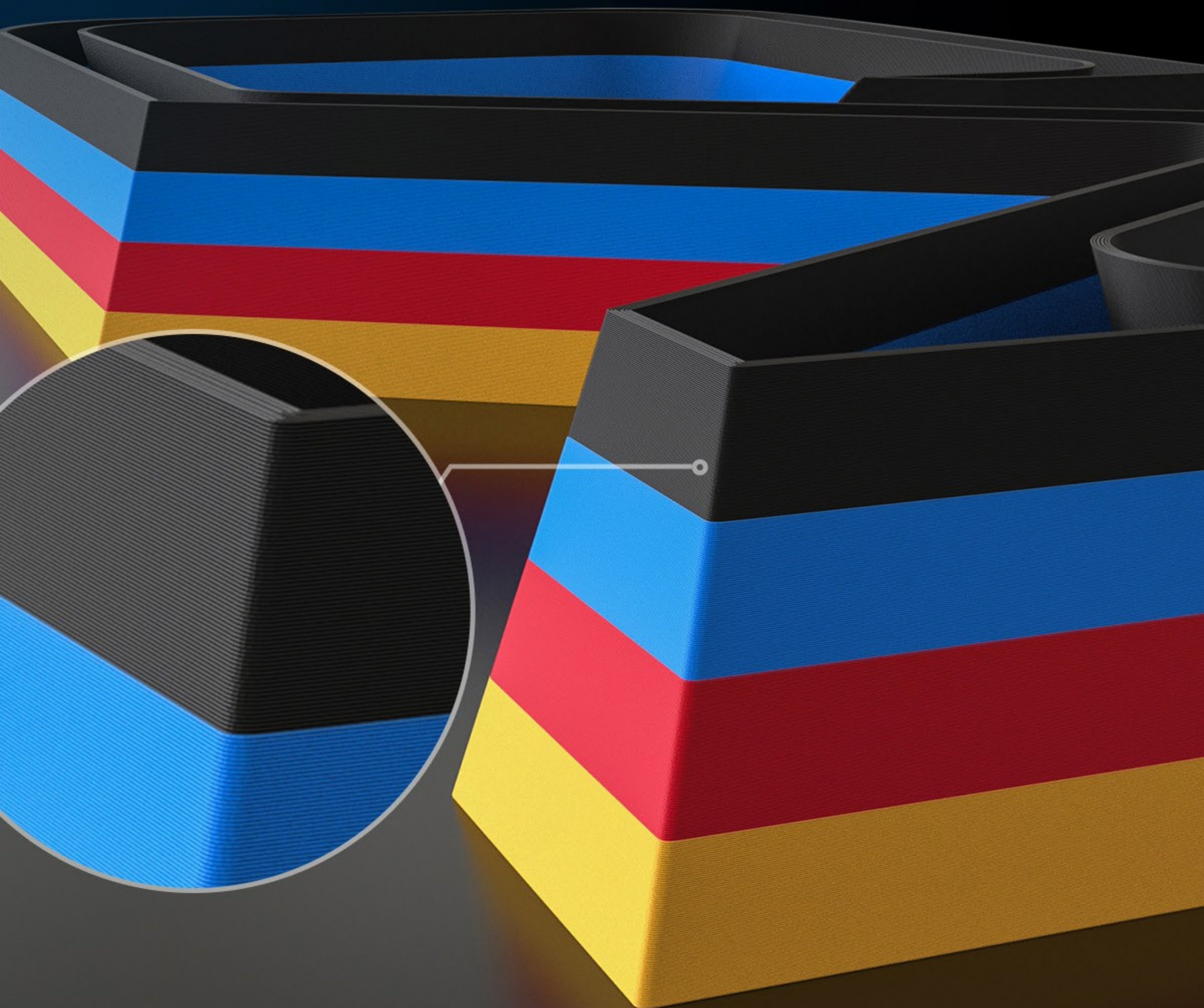
Large Printing Size

1200*800*100mm



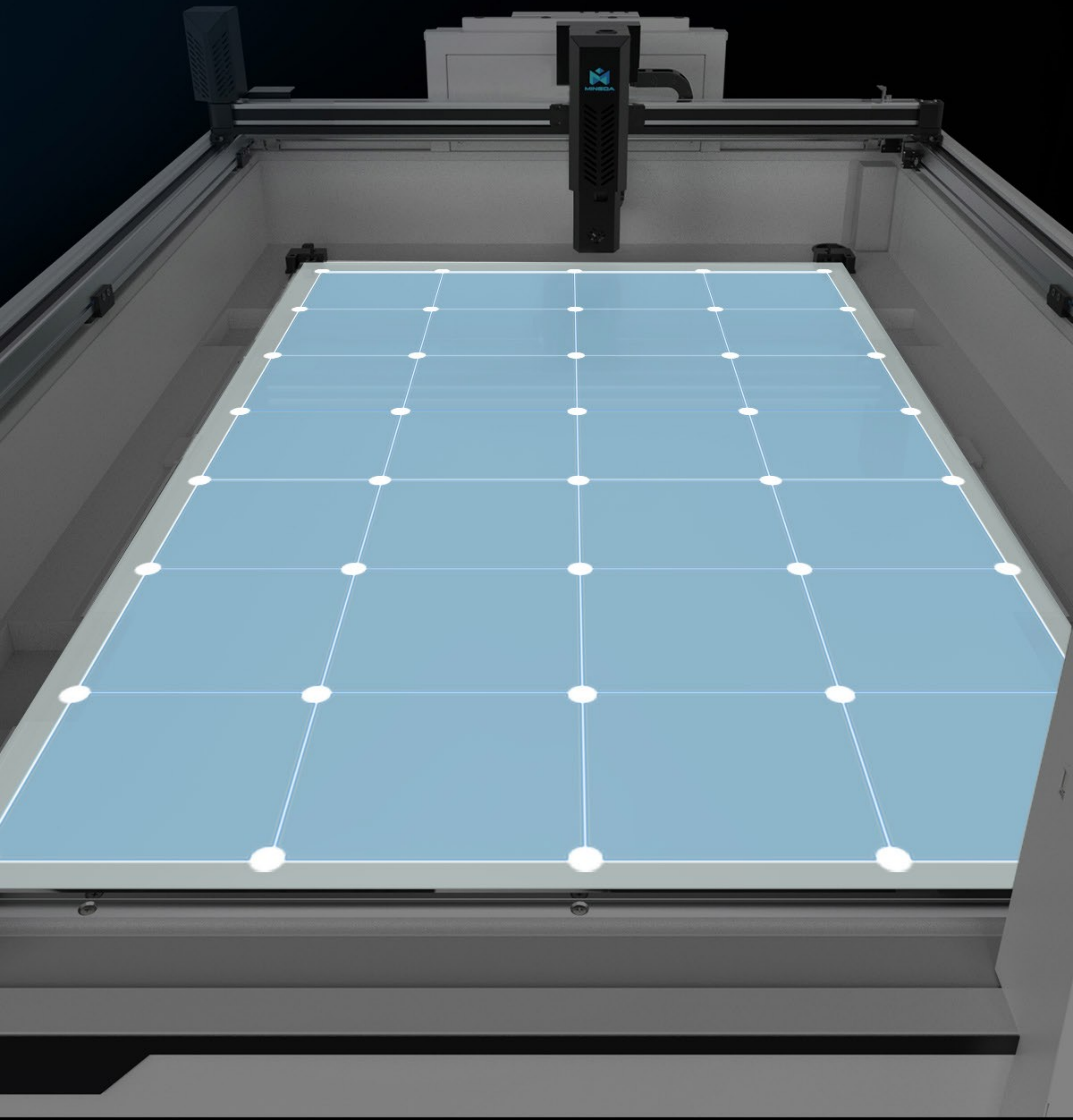
Input Shaper

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.



AD-F4 Pro



Available Modeling

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

The brand-new channel letter modeling software further optimizes the design and modeling workflow for channel letters. Modeling is more convenient, operation is more efficient, helping users complete the journey from design to output faster.





Import dxf / svg 2D File

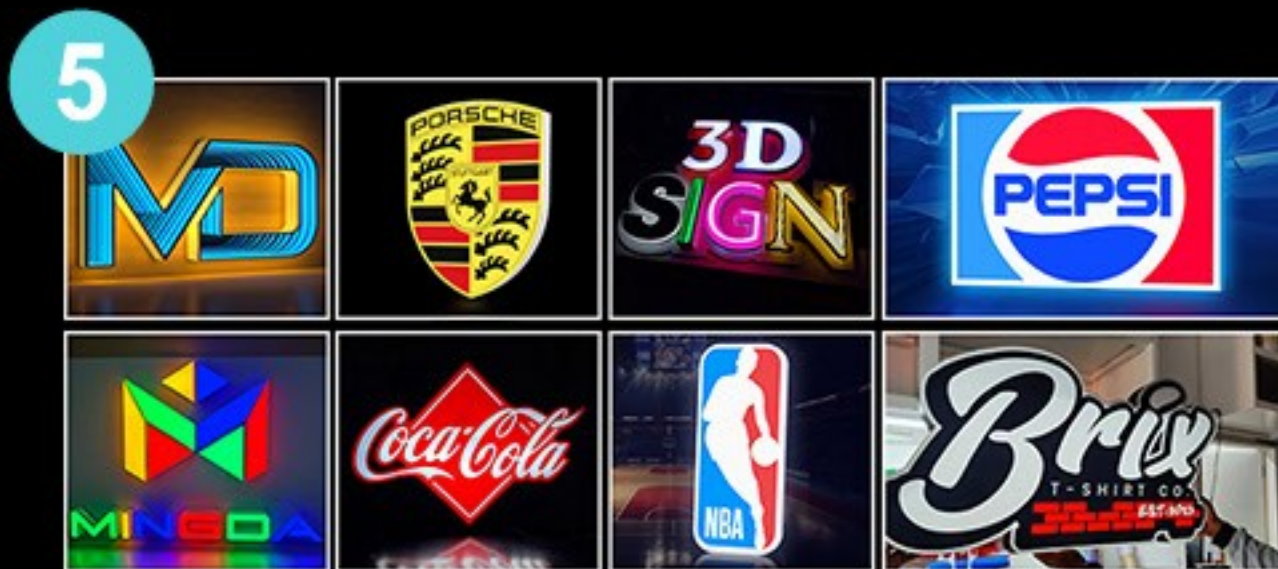


One click to generate from
2D into 3D model

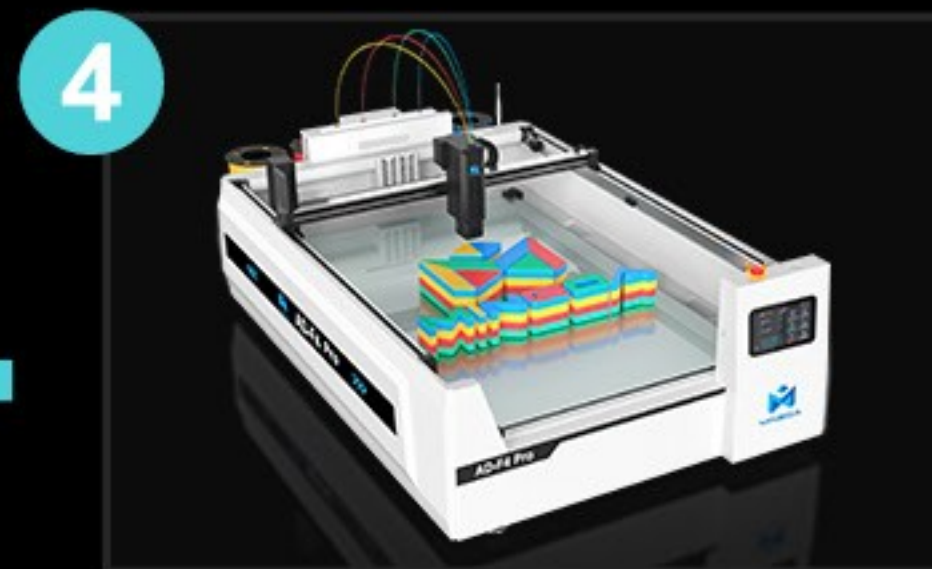


Adjust parameters
and export slice files

Printing Procedure



Model Display

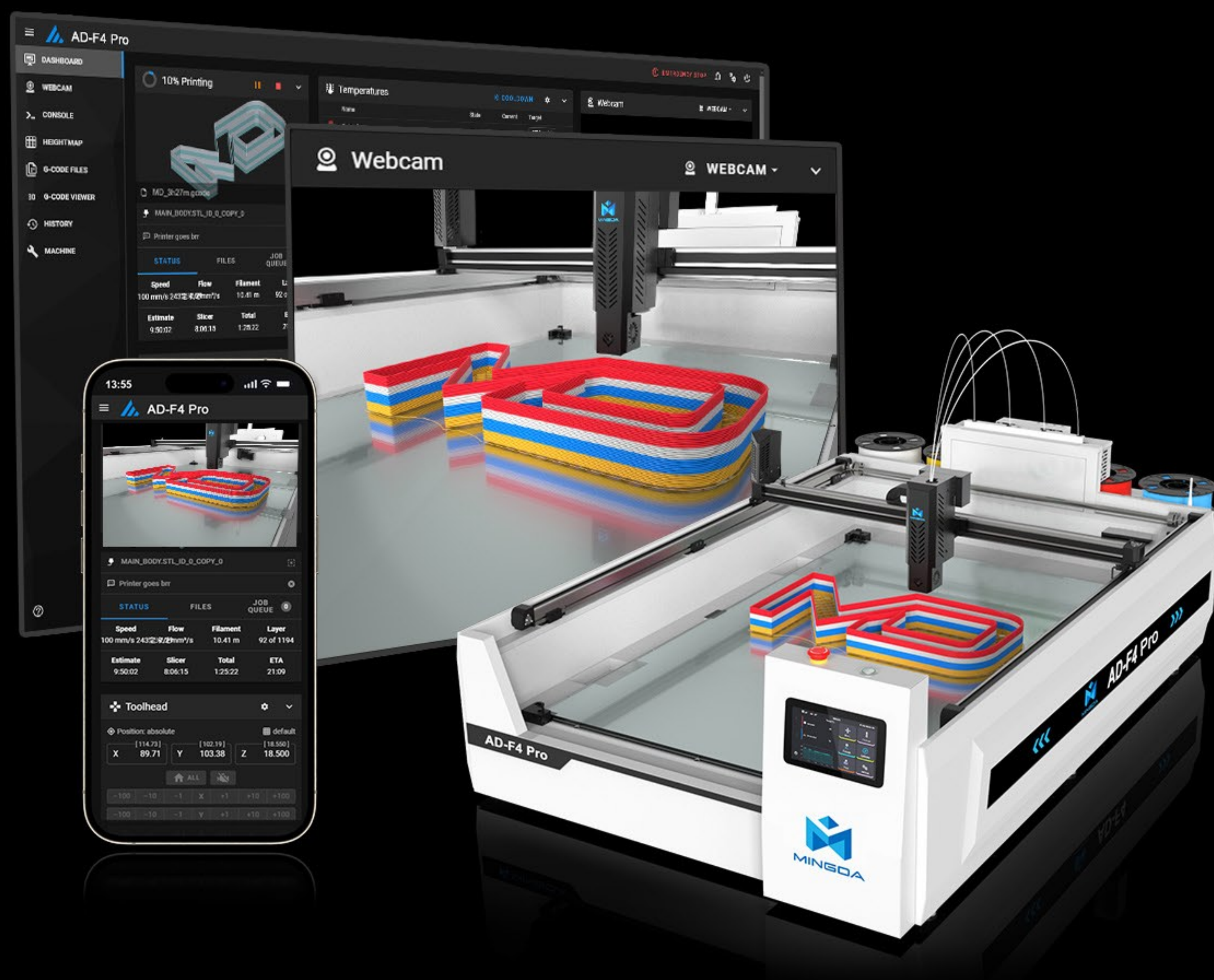


AD-F4 Pro Printing



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



Windows



Mac

Supported Fonts

Example of Advertising Letters-Side Shapes



1



2



3



4



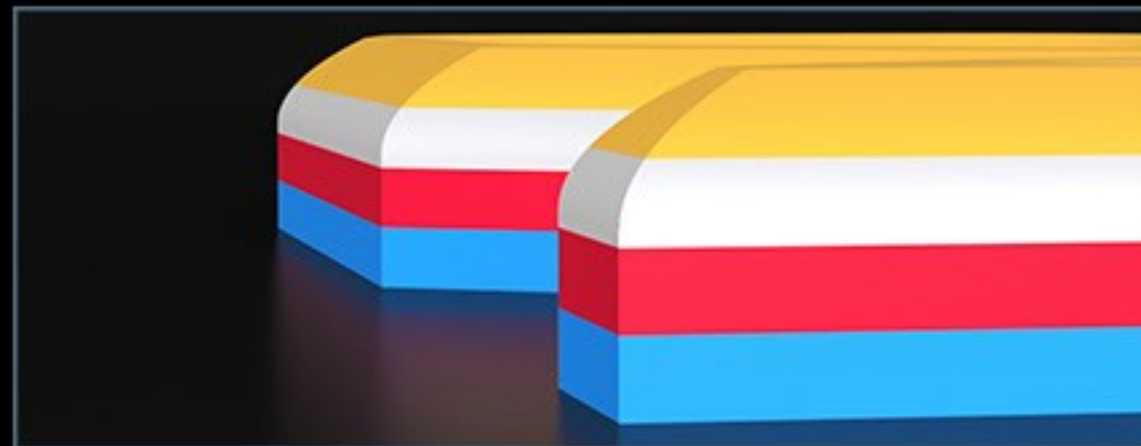
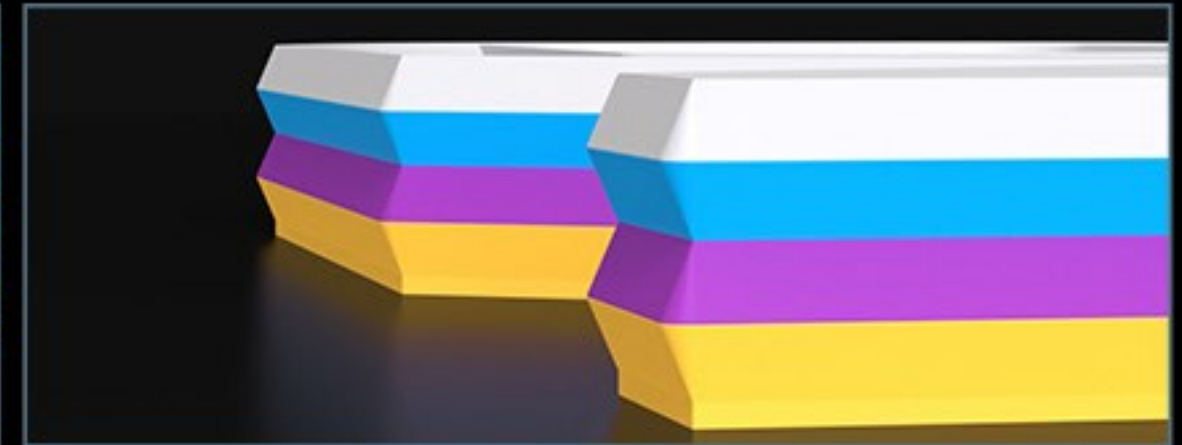
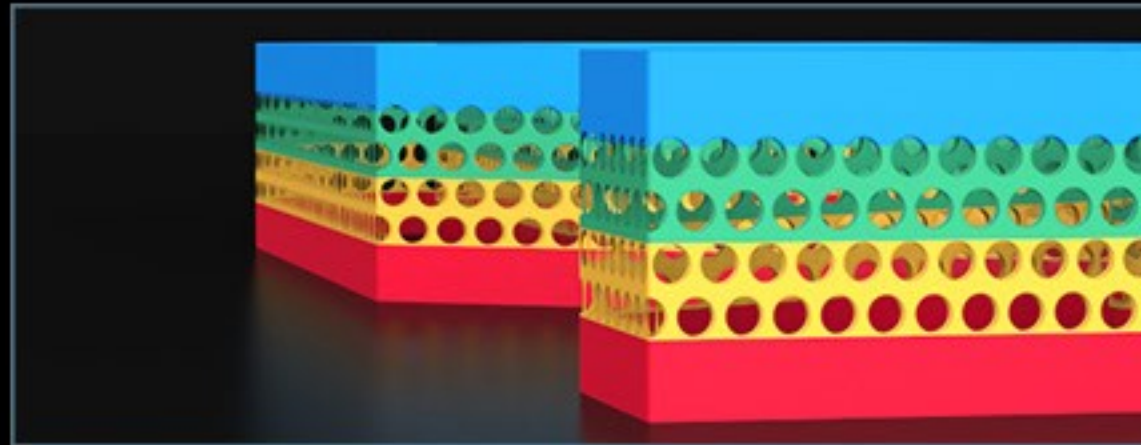
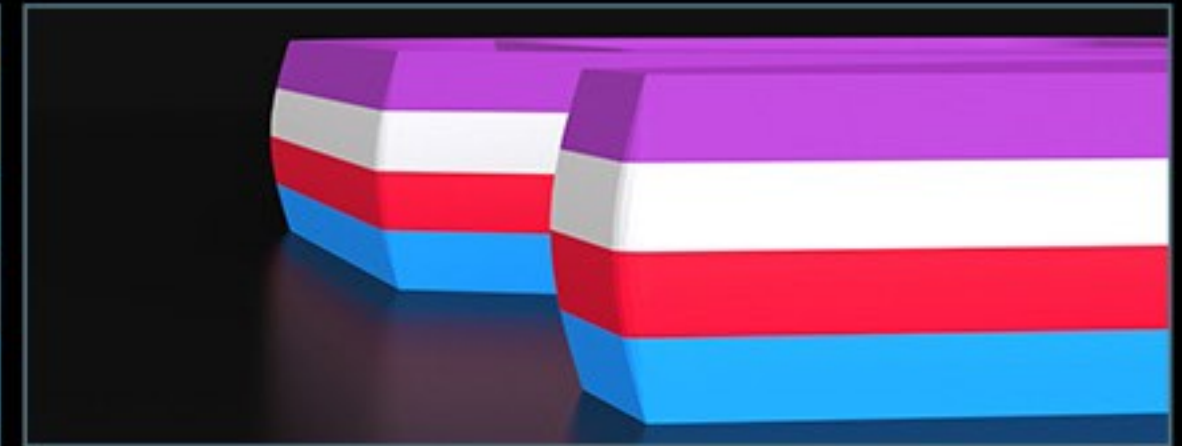
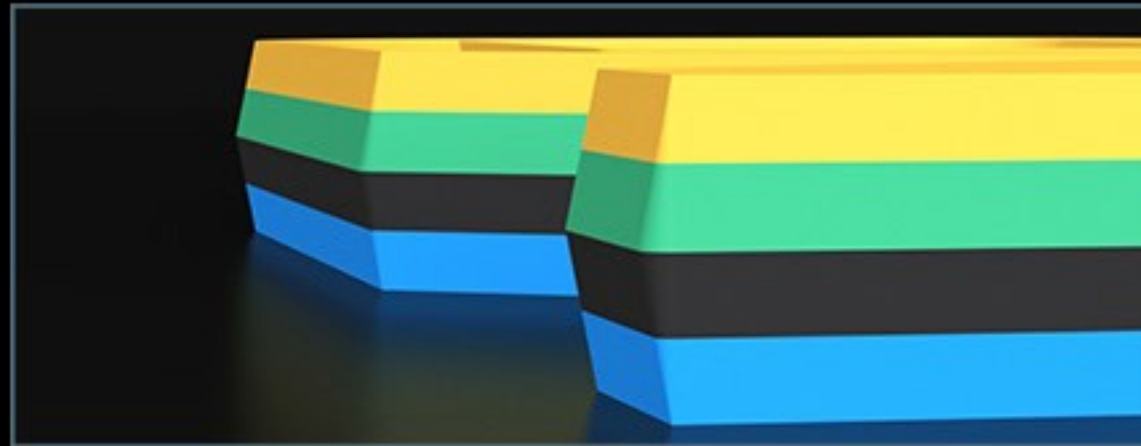
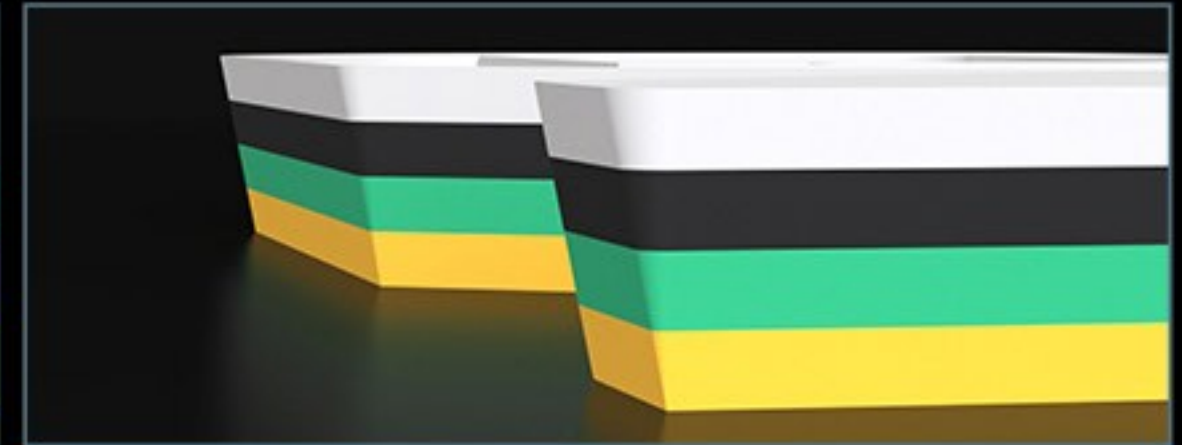
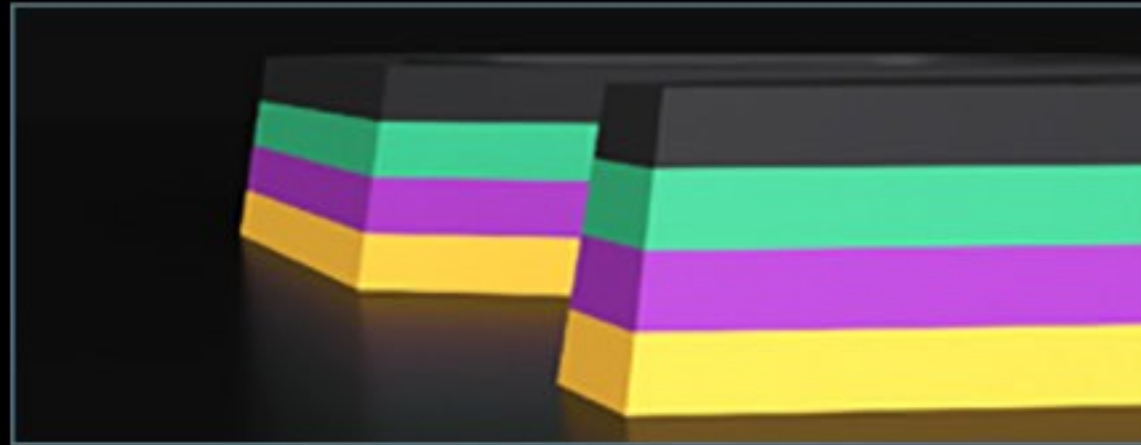
5



6



7



Example of Advertising Letters-Face patterns



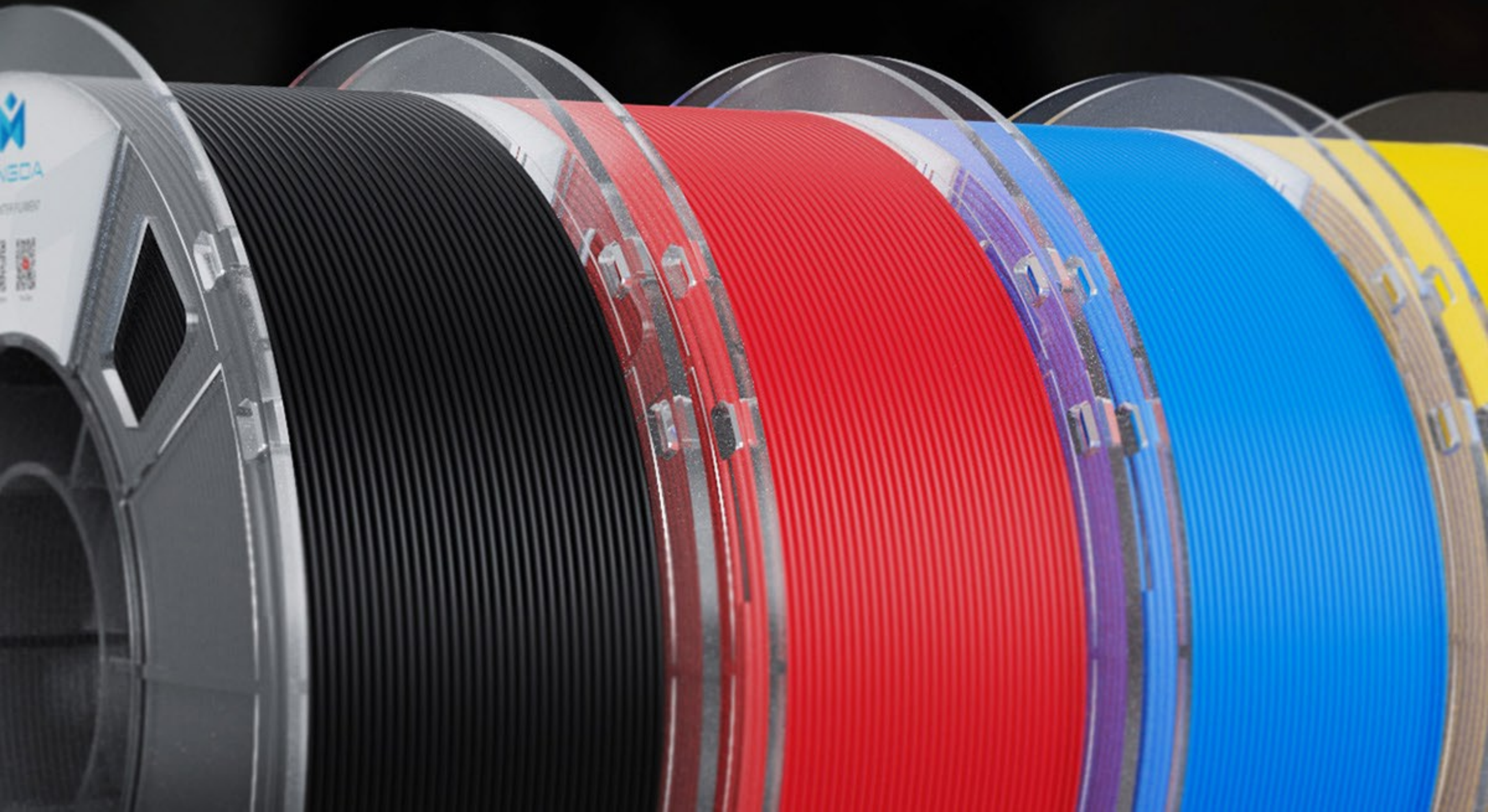
350°C nozzle

compatible with most filaments on the market

PETG

PDS

PLA



Technical Parameter

Printing Parameters

Technical principle:	FFF (Fused Filament Fabrication)
Printing size:	1200x800x100mm
Layer thickness:	0.2-0.42mm
Printing nozzle:	4 in 1 out
Number of trays:	4 (Max 1KG/pcs)
Filament diameter:	1.75mm
Printing speed:	0.4mm nozzle: Max.300mm/s (Recommended 200mm/s) 0.6mm nozzle: Max.150mm/s (Recommended 120mm/s)
Nozzle diameter:	0.6mm (optional: 0.4mm, 0.8mm)
Leveling method:	Gravity-sensing auto-leveling
Filament types:	PLA, PETG, PDS, etc
Nozzle temperature:	Max 350 °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:	Tempered Glass Platform
Cooling system:	Air-cooled
Moving speed:	Max XY 500mm/s,Max.Z 15mm/s
Dimensions:	Length 1695 * Width 1109 * 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:	SignMaker, MINGDA Slicer
Data type:	.dxf .svg .stl .stp .3mf .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