

One-Stop 3D Printing Signage Solutions Provider

MINGDA 3D AD-F4



Max Build Volume
800*1200*100mm



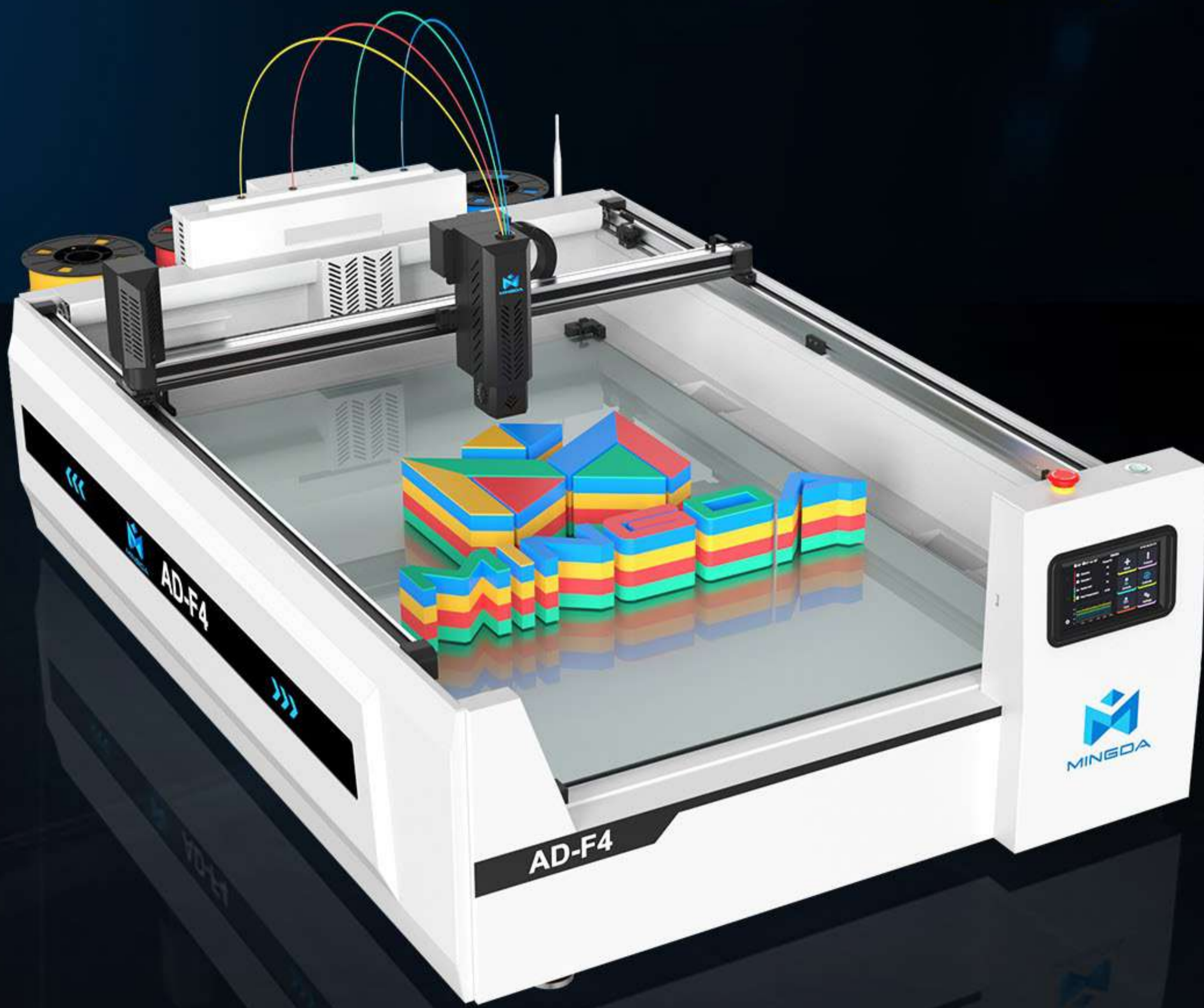
Printing Speed
Max.300mm/s



IMS four-color
feeding system



Filament:
PLA,PETG,PDS



Klipper & **5X High-Speed**

AD-F4 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.

500mm/s

Travel speed

300mm/s

High-Speed

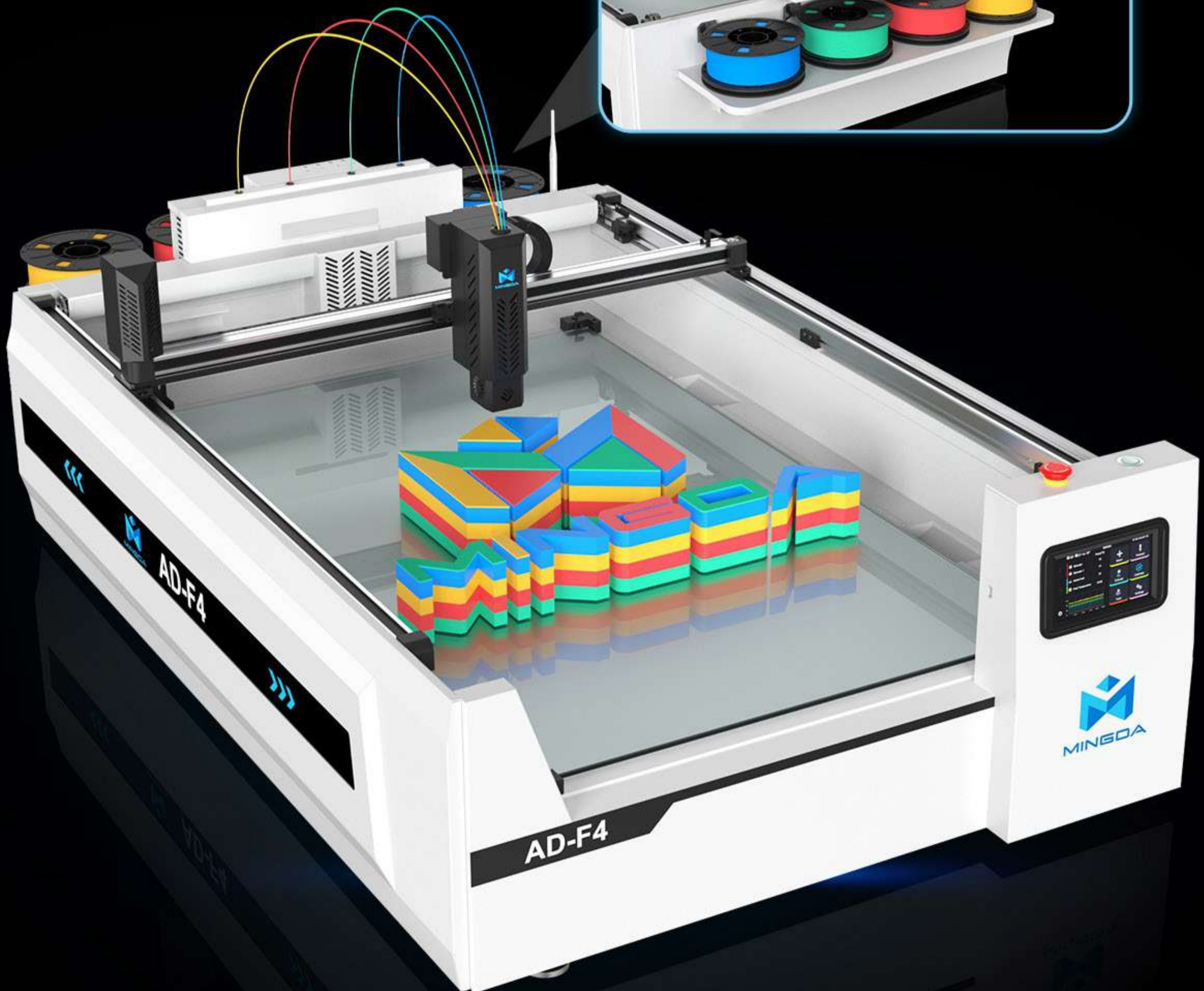
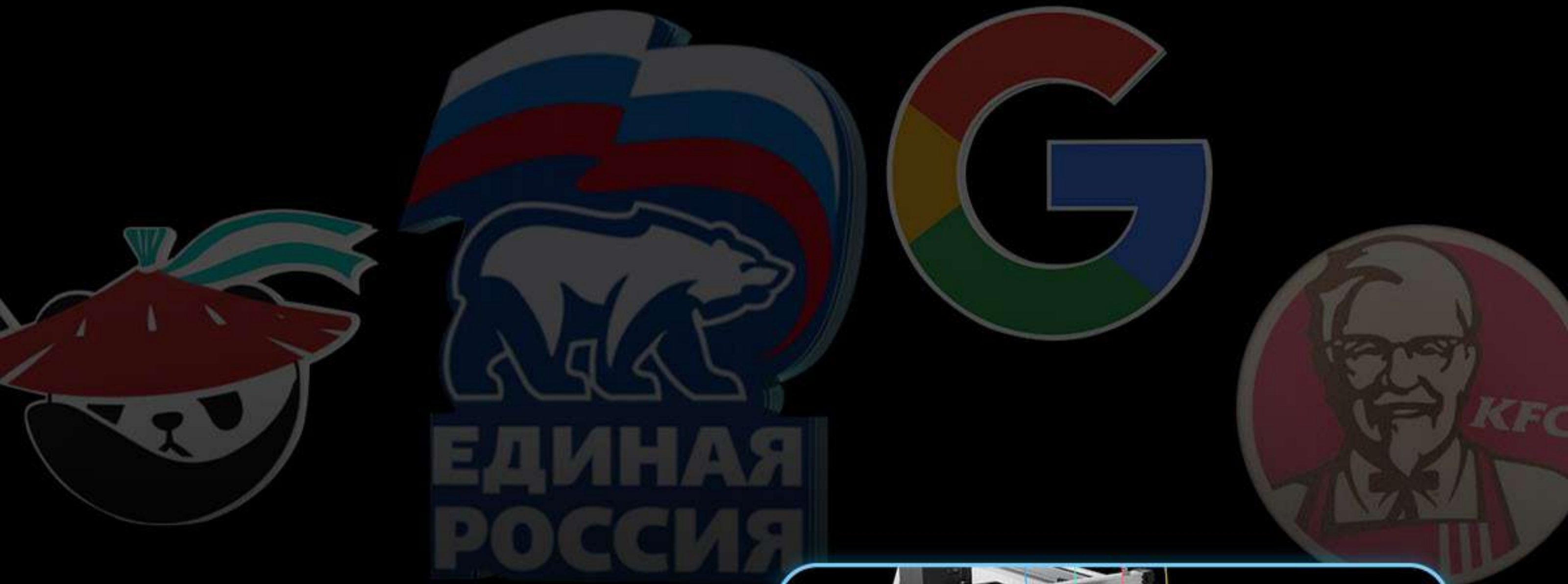
40mm³/s

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

MINGDA AD-F4

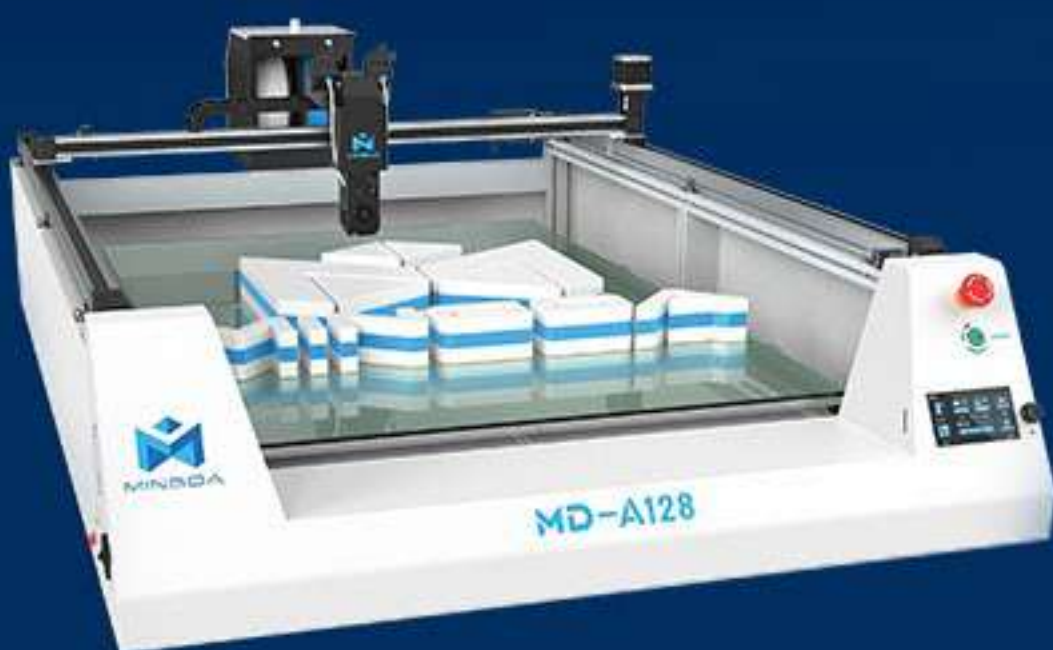


IMS four-color feeding system

First generation

Two colors

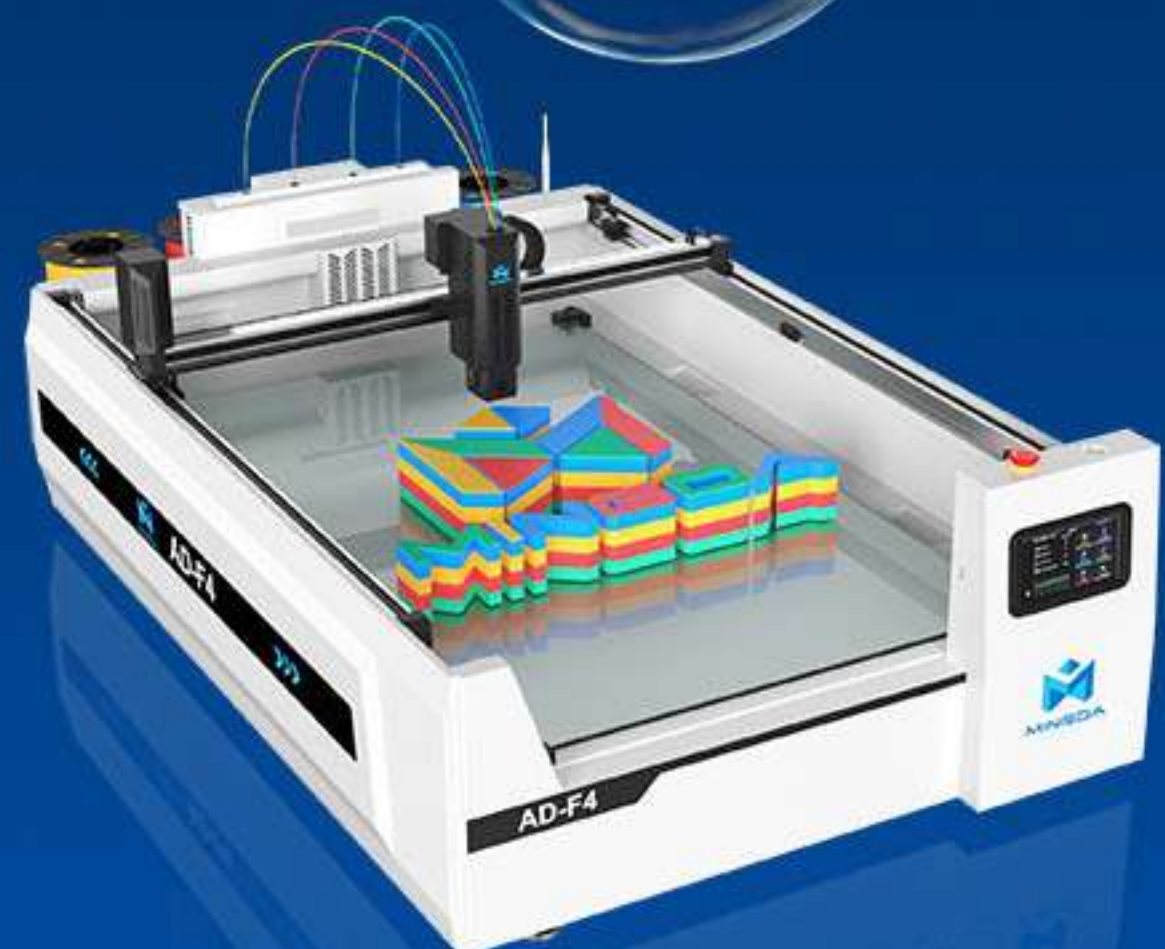
Normal speed



Four Colors

Faster & Klipper

Camera & Remote Monitoring



Make a "Big" difference

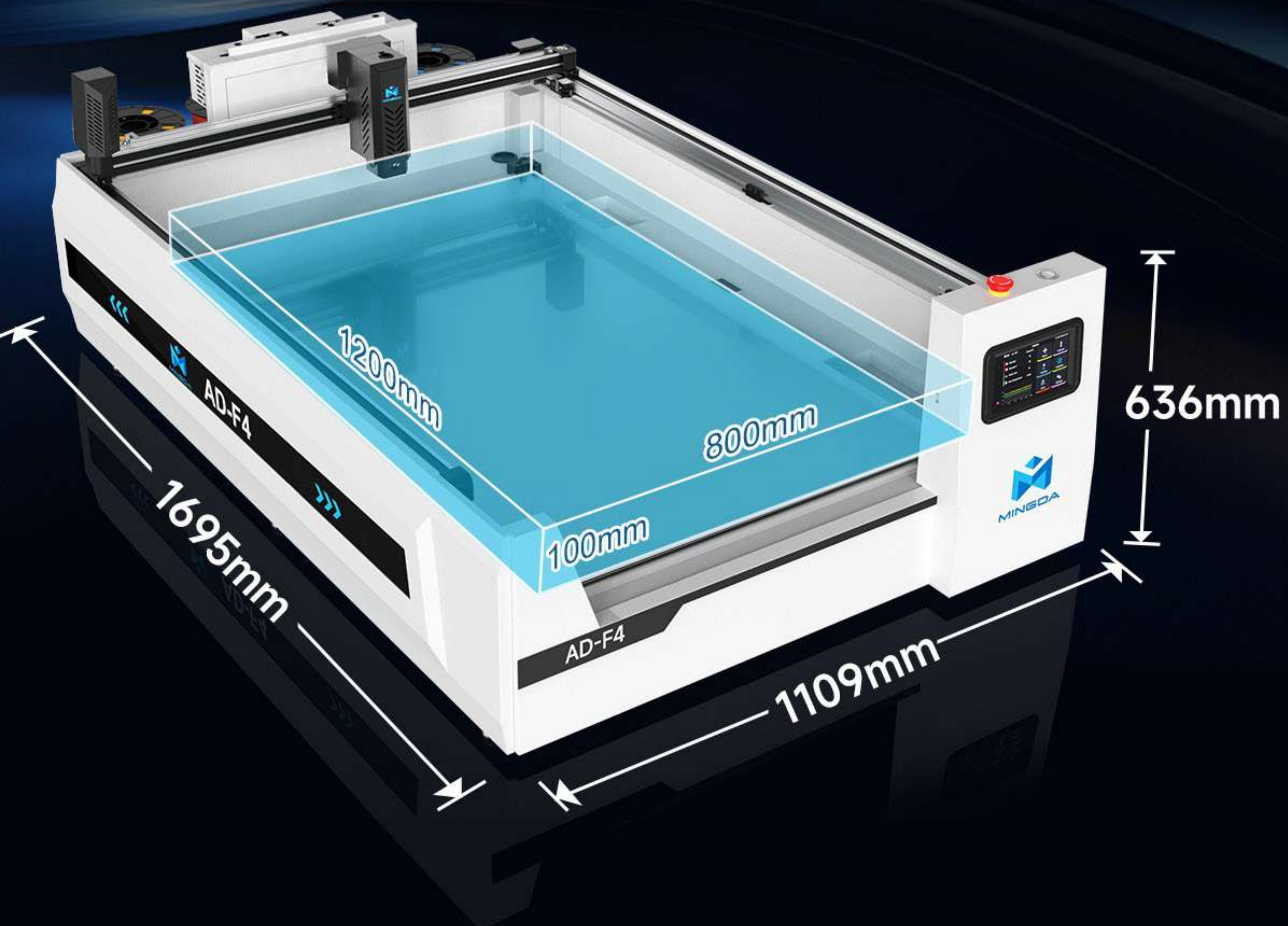
Professional Team and Innovative Craftsman Spirit Make
Our Printer **Unique and Beyond**

Machine Size

1109*1695*636mm

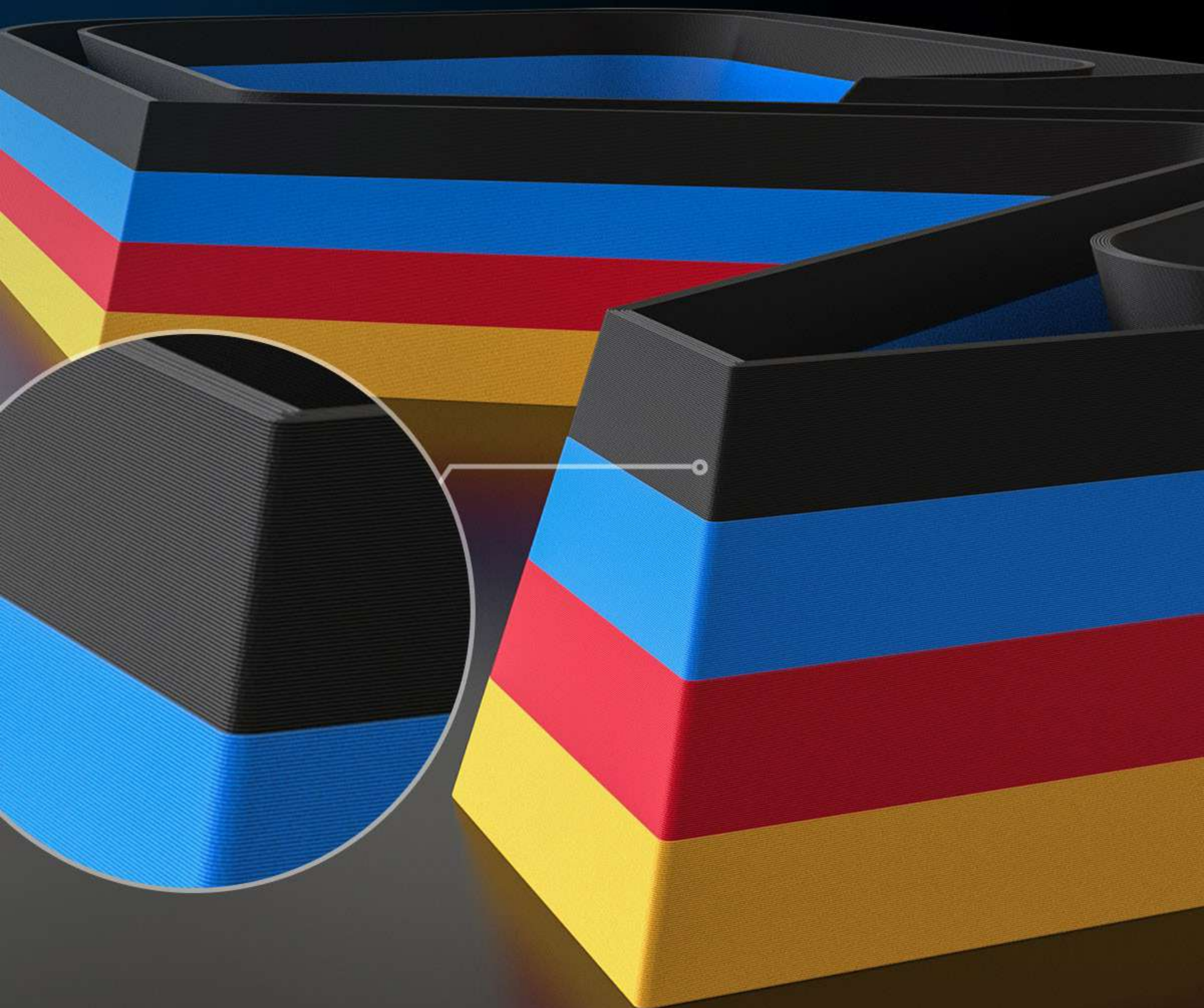
Large Printing Size

800*1200*100mm



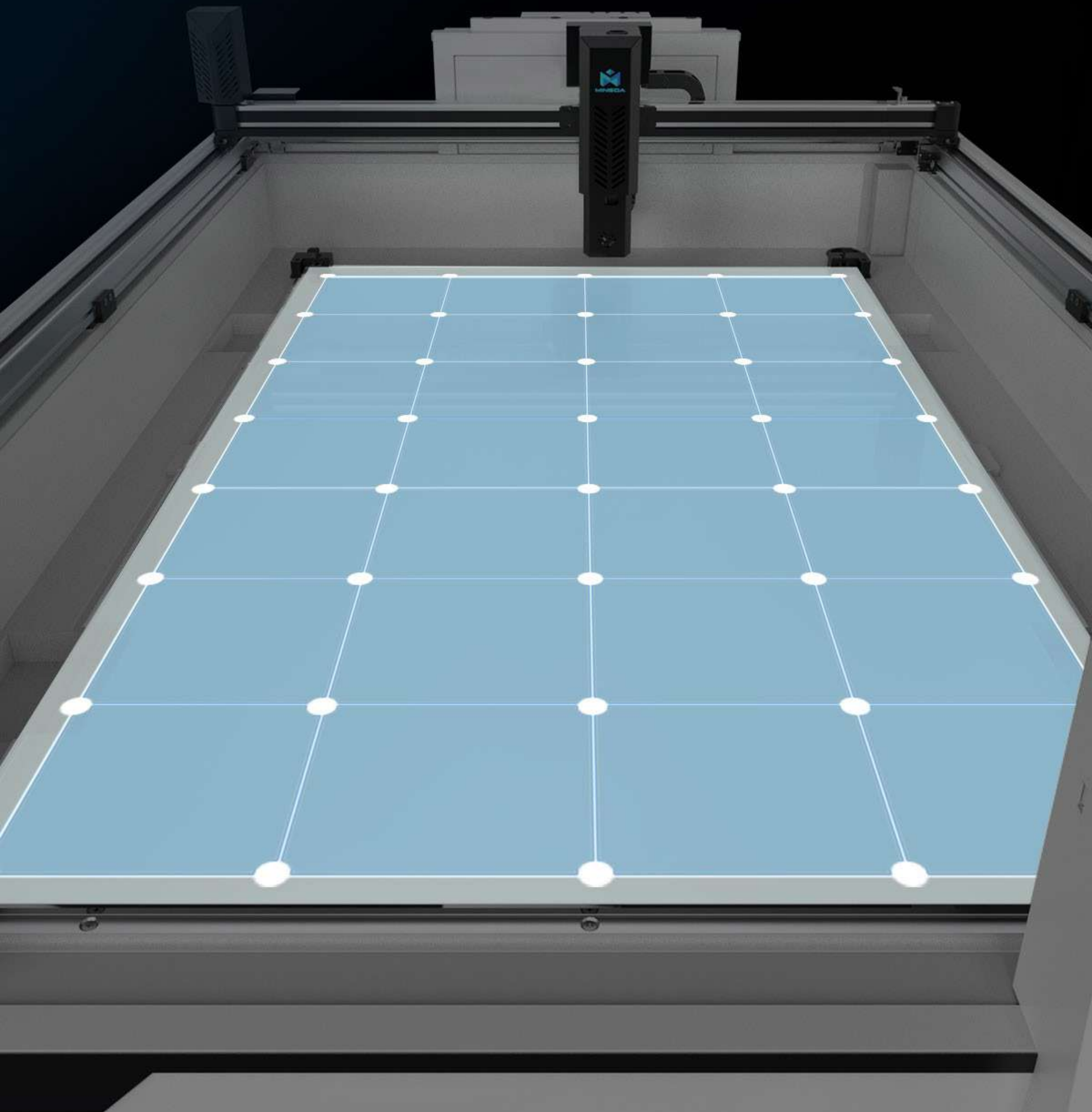
Input Shaper

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



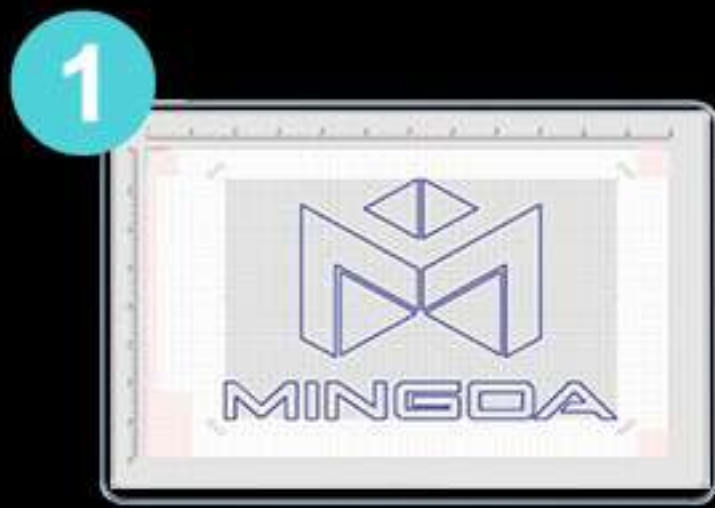
MINGDA Slicer

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.





1 Import dxf / svg 2D File



2 One click to generate from 2D into 3D model

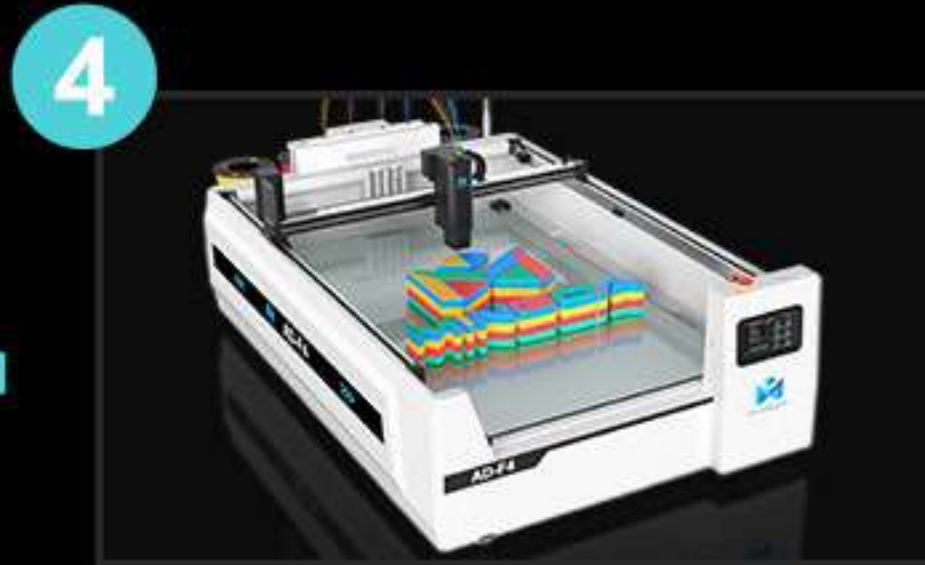


3 Adjust parameters and export slice files

Printing Procedure



5 Model Display



4 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



Windows



Mac

Supported Fonts

Example of Advertising Letters-Side Shapes



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:	800x1200x100mm
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 250mm/s) 0.8mm nozzle: Max.150mm/s (Recommended 100mm/s)
Nozzle diameter:	0.8mm (optional: 0.4mm, 0.6mm)
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 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 .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