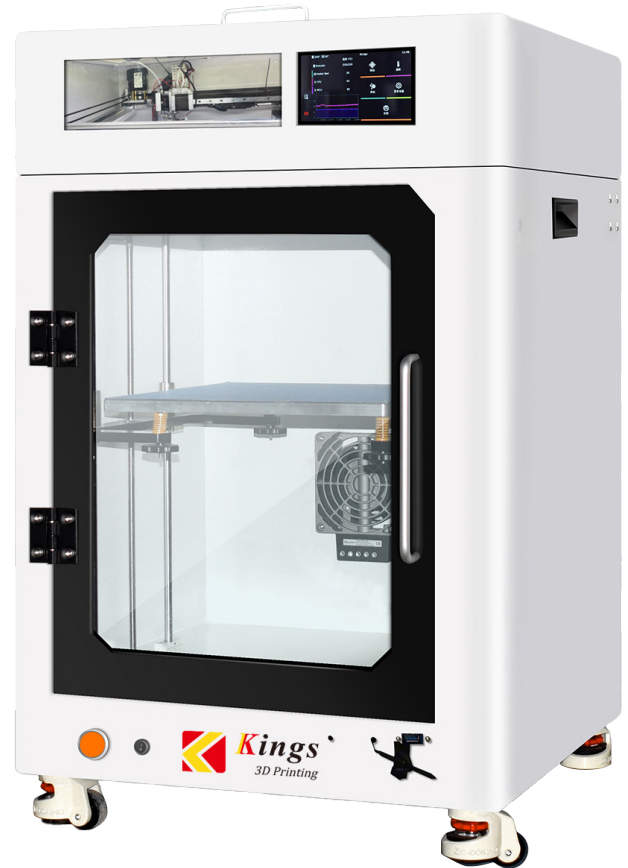


KINGS FDM 3040

Kings Industrial FDM 3D Printers

23 Innovative Technologies, High Speed FDM 3D Printing
Efficient and Cost-Effective Prototyping
Bring Your Idea into Reality



KINGS FDM 3040

Kings

◆ Overview

The Kings FDM 3D Printer 3040 is a reliable and efficient solution designed for precision and versatility. With a printing size of 300 x 300 x 400 mm and machine dimensions of 530 x 520 x 825 mm, it offers a compact yet functional design. This printer is ideal for a range of materials, including PLA (eco-friendly and non-toxic), ABS, and other standard 1.75mm diameter 3D printing filaments. Weighing in at over 48kg, the Kings 3040 is built for stability and durability, making it perfect for a variety of 3D printing projects.

◆ Features

- Klipper high-speed system
- 5-inch HD capacitive touchscreen
- Industrial-grade linear guides for XY axis
- Leadshine high-precision servo motors for XY axis (closed-loop drive)
- Dual Z-axis synchronized integrated leadscrews
- BMG dual gears
- 70W high-power heating rod, Volcano nozzle extruder for high-speed printing
- Independent power silicone heated bed, 12mm aluminum, and detachable magnetic steel platform for a flat surface and easy model removal

◆ Applications

 Prototyping  Custom Manufacturing  Educational Projects  Art and Design  Architectural Models

KINGS FDM 3040



◆ Technical Data

Build Size	300×300×400mm	Lighting	LED
Machine Size	530×520×825mm	Nozzle Diameter	0.4/0.6/0.8/1mm
Printing Technology	Industrial grade fused deposition modeling	Nozzle Temperature	0-320°C
Layer Resolution	0.05-0.35mm	Display	5in Touchscreen
Positioning Accuracy	xY:0.0011mm,Z:0.00125mm	CPU	32-bit ARM CPU microcontroller
Air Purifier	Dual-fan Filtering	Connectivity	SD card,U disk,WiFi and USB
Power Loss Recovery	Yes	Power Supply	AC100v-AC240v 50Hz/60Hz
Filament run-out Alarm	Yes	Operation System	Windows,Linux,MAC
Nozzle	1	File Format	STL、OBJ
Printing Color	Single Color	Appearance	High-temp baking paint sheet metal
Printing Speed	30-350mm/s	Admbient Temperature	15°C-32°C (60°-90°F)
Structure	Fully enclosed (double door type)	Storage Temperature	0°C-32°C (32°-90°F)
Filament Supply	Top-down	Net Weight	48kg
Movement	XY axis synchronous belt linear guide rail, double Z axis mechanical integrated synchronous screw rod	Printing Bed	Independent powered silicone hot bed + aluminum plate +removable magnetic steel plate
Driver	XY axis Lesai closed-loop servo motor unit (42cme08+CL1-507)		

