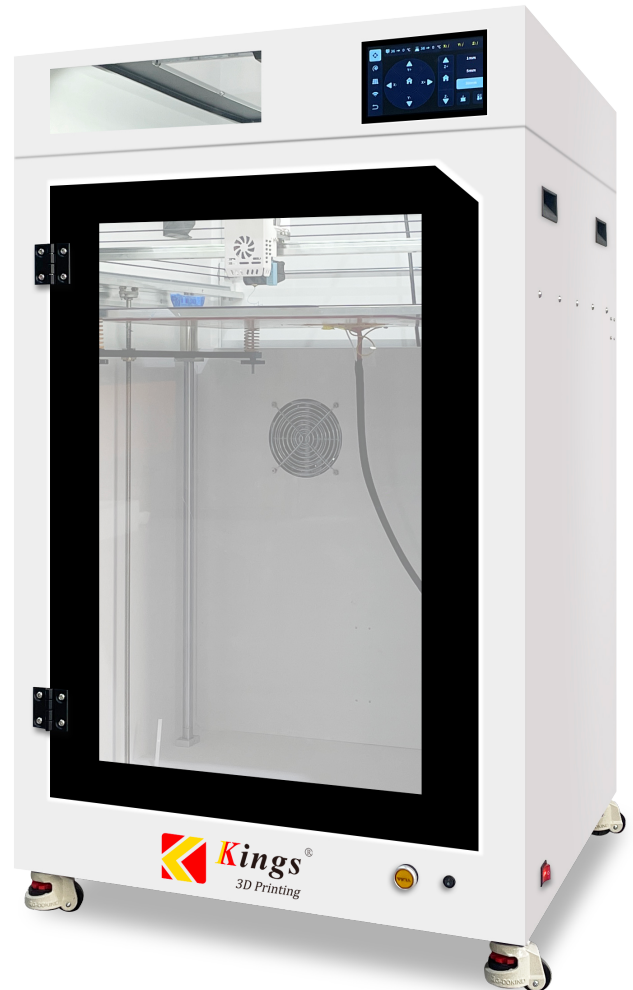


# FDM 5060

## Kings Industrial FDM 3D Printers

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



# FDM 5060

*Kings*

## ◆ Overview

Kings FDM 5060 is a high-performance 3D printer designed for fast, high-quality printing with advanced features like the Klipper high-speed system and high-precision linear guides. Capable of reaching print speeds up to 500mm/s, it is ideal for professionals needing rapid prototyping and production with a wide range of high-temperature materials, including ABS, PETG, and carbon fiber-infused nylons.

## ◆ Features

- Klipper high-speed system
- 7-inch HD capacitive touchscreen
- Maximum print speed up to 500mm/s
- Industrial-grade linear guides for XY axis
- Dual Z-axis synchronized integrated leadscrews
- Positioning accuracy: XY axis 0.011mm, Z axis 0.0025mm
- Quick-release ceramic heater hotend for high-speed printing
- Leadshine high-precision servo motors for XY axis (closed-loop drive)
- HGX V2 hardened steel gear direct drive extruder with reduction system
- Independent power supply silicone heated bed + 12mm thick aluminum platform + detachable magnetic steel plate for better flatness and easy part removal
- Fully enclosed integrated chassis with temperature control fan, maintaining internal temperature up to 60°C- ideal for printing high-temperature materials such as ABS, PETG, nylon, and carbon fiber reinforced nylon

## ◆ Applications

- Tooling and Inspection Fixtures, Mold Industry, Automotive Duct Applications, Vacuum Forming, Investment Casting, Industrial Prototypes, R&D Parts, Figurines, Non-standard Components, Model Making, and Small-Batch Production.

## ◆ Printing Materials

- PLA, ABS, ASA, PETG, TPU, PA, carbon fiber-reinforced, glass fiber-reinforced, wood-filled and other 1.75mm standard filament.

## ◆ Technical Data

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| Build Size               | 500×500×600mm                                                                                         |
| Machine Size             | 680×730×1210mm                                                                                        |
| Printing Technology      | Fused Deposition Modeling (FDM)                                                                       |
| Air Filtration System    | Dual-fan Filtration System                                                                            |
| WiFi File Transfer       | Yes                                                                                                   |
| Filament Run-out Alarm   | Yes                                                                                                   |
| Leveling Method          | Automatic Leveling                                                                                    |
| Number of Nozzle(s)      | 1                                                                                                     |
| Printing Speed           | Max 500mm/s                                                                                           |
| Movement                 | XY Axis Synchronous Belt linear Guide Rail, Double Z Axis Mechanical Integrated Synchronous Screw Rod |
| Servo                    | XY Axis Lesai Closed-loop Servo Motor Set (42cme08+CL1-507)                                           |
| Machine Structure        | Fully Enclosed Constant-Temperature Chamber (Duel-swing Door Design)                                  |
| Filament Storage Box     | Externally Mounted Hanging Type                                                                       |
| Lighting Function        | Built-in LED Lighting                                                                                 |
| Default Nozzle Diameter  | 0.4/0.6/0.8/1.0mm                                                                                     |
| Nozzle(s) Temperature    | Max 320°C                                                                                             |
| Heated Bed               | Independently Powered Silicone Heated Bed + 12mm Aluminum Plate + Detachable Magnetic Steel Plate     |
| Display                  | 7-inch Touchscreen                                                                                    |
| Connectivity             | USB Drive, LAN (WiFi)                                                                                 |
| Power Requirements       | AC100V-AC240V 50Hz/60Hz                                                                               |
| Operating System         | Windows, macOS, Linux                                                                                 |
| File Format              | STL, GCODE, OBJ                                                                                       |
| CPU                      | 32-bit ARM CPU Microcontroller                                                                        |
| Machine Surface Finish   | High-temperature Baked Sheet Metal Finish                                                             |
| Packaging Specifications | Export-standard High-strength Packaging                                                               |
| Gross Weight             | ≥130kg                                                                                                |



**Shenzhen Kings 3D Co., Ltd**

- 📍 Building B, No. 148 Huanli Road, Yungu Community, Xinhua Street, Guangming District, Shenzhen, China.
- 📍 No.178, Dingxing Road, High-tech Zone, Zhuhai City, Guangdong Province

Web: [www.kings3dprinter.com](http://www.kings3dprinter.com)

Mob/Whatsapp: +86 17727416895

Email: [market@kings3dprinter.com](mailto:market@kings3dprinter.com)