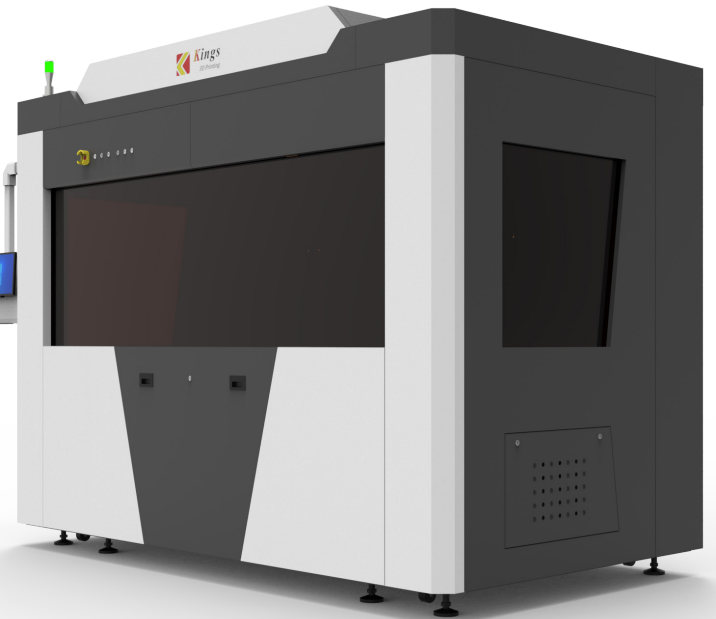
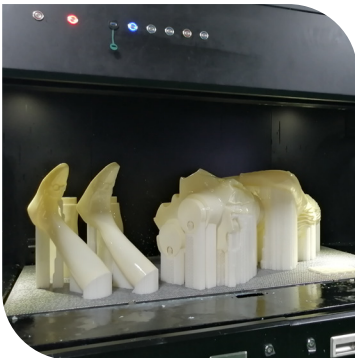
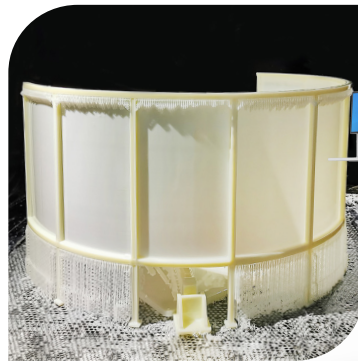
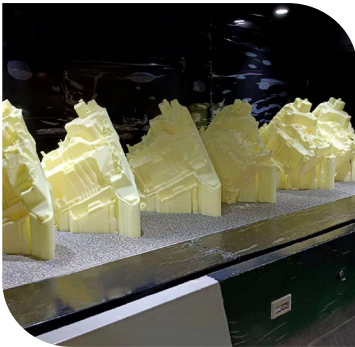


# KINGS 2700PRO (THREE LASERS)

## Kings Industrial SLA 3D Printers

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



# LARGE FORMAT SLA 3D PRINTER

*Kings*

## ◆ Overview

The Kings SLA 2700Pro sets a new standard in precision 3D printing. Built with a robust marble frame, high-grade ball screw rails, and advanced laser technology, it ensures unparalleled stability and accuracy. Designed for large-scale printing, it features silent motion, laser liquid level detection, and remote monitoring capabilities, ideal for diverse industrial applications with optimized resin materials.

## ◆ Advantage











### • Enhanced Printing Efficiency

- Intelligent high speed scanning system, 15m/s
- Variable laser spot and variable power
- Automatic identifying upskin and downskin with differentiated parameters
- Different Parameter database with different layer thickness

### • Long-term Printing Stability

- Key components from international top brands
- Full marble structure for enhanced recoating and scanning stability
- High stiffness light recoater to ensure recoating accuracy and efficiency
- Compensation algorithm for multi-head system, ensuring uniform curing in the printing range

## ◆ Ideal Applications

- |   |   |  |   |   |
|---|---|--|---|---|
|  Shoe Mold Manufacturing |  Prototyping |  Architecture |  Sculpture |  Medical     |
|  Dental                  |  Military    |  Automotive   |  Animation |  Electronics |

# LARGE FORMAT SLA 3D PRINTER

**Kings**

## ◆ Technical Data

Max Printing Size	2700*900*800mm
Machine Size	351cm(W)*196cm(D)*273cm(H)
Rated Power Consumption	3.0KVA
Machine Weight	3750kg
First Tank Resin	2650kg
Beam Size (diameter @1/e <sup>2</sup> )	0.08-0.8mm(Variable Beam)
Max Scanning Speed	15.0m/s
Layer Thickness	0.05mm~0.2mm
Accuracy	±0.15(L≤100mm); ±0.15%*L(L>100mm)
Laser Type	Solid-state frequency tripled Nd: YV04
Wavelength	355nm
Power	Resin Surface Power≥300 mw
Variable Beam System	Galvo/Closed-loop
Main structure	Marble recoater frame, marble elevator holder and marble scanning system base
Coating Mode	Intelligent position vacuum recoating
Vertical Resolution Ratio	0.0005mm
Repeat Positioning Accuracy	±0.01mm
Motion Control System	Closed-loop
Machine Control Software	KINGS 3D control software
Input Data File Format	STL/SLC
Operating System	Windows 10
Network Type and Protocol	Ethernet, TCP/IP
Electrical Requirement	200-240VAC 50/60Hz,single-phase,10A
Ambient Temperature	20-26°C(72-79F)
Relative Humidity	<40%, non-condensing
Machine Warranty	2 years (including laser)



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