

Kings SLA 3035Pro

Kings Industrial SLA 3D Printers

23 Innovative Technologies, High Speed SLA 3D Printing

Efficient and Cost-Effective Prototyping

Bring Your Idea into Reality



Function of 3D Printer

Industrial 3D Printer can directly form objects of other shapes from computer graphics data without machining or molds, which greatly shortens the production cycle of products and improves productivity. Although it still needs to be improved, the market potential of 3D printing technology is huge, and it will inevitably become one of the many conquering technologies in the future manufacturing industry.

3D printers are mainly used in many fields such as equipment manufacturing, aerospace, automobiles and parts, and intelligent manufacturing. As the world's latest generation of Industrial 3D Printers, 3D printers have achieved a groundbreaking speed of 10 times faster, cost reduced by half, and strength close to metal. skill improved. The 3D printer fully displays the functions of batch and large-scale production.

Product Details

BASIC INFORMATION	
Max Printing Size	300*350*350mm
Machine Size	94cm(W)*102cm(D)*192cm(H)
Rated Power Consumption	1.2KVA
Machine Weight	About 780kg
LASER SYSTEM	
Laser Type	Solid-state frequency tripled Nd: YV04
Wavelength	355nm
Power	Resin Surface Power≥ 300 mW
OPTICAL & SCANNING SYSTEM	
Scanning Mode	Germanic galvanometer scanner
Variable Beam System	Galvo/Closed-loop
Beam Size (diameter @1/e2)	0.065-0.8mm (Variable Beam)
Max Scanning Speed	12.0m/s
RECOATING SYSTEM	
Main Sturcture	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
Layer Thickness	0.05mm~0.25mm
Accuracy	L≤150mm, ±0.1mm; L > 150mm, ±0.1%*L

CONTROL SOFTWARE	
Motion Control System	Closed-loop
Machine Control Software	KINGS 3D control software
Input Data File Format	STL/SLC
Operating System	Windows 7/10
Network Type and Protocol	Ethernet, TCP/IP
INSTALLATION CONDITION	
Electrical Requirement	200-240VAC 50/60Hz, single-phase,10A
Ambient Temperature	20-26°C (72-79°F)
Relative Humidity	< 40%, non-condensing
First Tank Resin	About 80kg
WARRANTY	
Machine	Two years
Laser	Two years