

Industrial 3D Printer Specification

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



Kings3D 3035 PRO

