

# FDM 3D Printer Cube 2

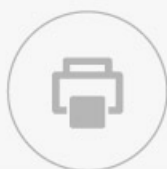
Quickly realize ideas / Entry-level integrated 3D Printer



Touch screen



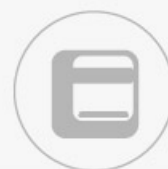
Filament detector



Fine printing



Power interruption



Small body  
Big power



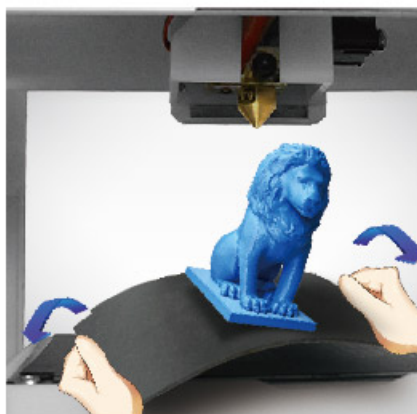
## ADVANTAGE

- Entry-level, all-in-one 3D printer which is easy to carry and suitable for smart education and a variety of scenarios that require a quick printing model.
- The power-off resumes printing and filament break detection function guarantees the printing success .
- The magnetic flexible platform makes the model peeling more convenient.
- The nozzle is detachable and easy to repair and clean.
- The print size of 120X140X105mm is very competitive.

## SPECIFICATIONS

Model	Cube 2	Nozzle temperature	Room temperature to 250°C
Printing Technology	FDM	Environmental	Temperature 10-30 °C Humidity 20-50%
Nozzle Diameter	0.4mm	Operating system	Windows,Linux,MAC
Build Volume	120X140X105mm(LxWxH)	Support Software	Cura, repetier-host
LCD Touch Screen	Yes	File Format	STL, G-Code, OBJ
Power Outage Recovery	Yes	Connection	USB cable or TF card
Hot bed	No	Net Weight	3.5kg
Power requirements	Output 24V	Gross Weight	5.1kg
Printing Speed	≤90mm/s(30-60mm/s)	Product Dimension	238X228X266.5mm
Layer Height	0.1-0.4mm	Package Dimension	320X310X375mm
Filament color	Multi-color optional	Material	1.75mm PLA,ETC

## APPLICATIONS



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# FDM 3D Printer LK 4

COST-EFFECTIVE 3D PRINTER FOR YOUR CHOICE



Filament detector



Fine printing



Simple installation



Resume printing



HIGH PRECISION NOZZLE



TOUCH SCREEN  
INTERFACE



POWER SUPPLY  
FOR SAFETY



STRONG STRUCTURE DESIGN



HEATED BED

## ADVANTAGE

- Cost-effective machine with high quality printing in the world
- 2.8" full color touch screen
- Filament detector
- Print resume function

## SPECIFICATIONS

Model	LK 4	Extruder	Single
Printing Technology	FDM	Nozzle Diameter	0.4mm
Color	Black	Printing Temperature	190-250°C
Build Volume	220x220x250(LXWXH)	Heated Bed	Yes
Filament Detector	Yes	Support Software	Cura, Reptier-Host
LCD Touch Screen	Yes	File Format	G-code, STL
Print Resume	Yes	Connection	USB cable or SD card
Input Voltage	100-120V AC 7A, 200-240V AC 3.5A, 50-60Hz	Net Weight	7.8kg
Output Voltage	24V/DC 15A	Gross Weight	8.6KG
Power	280W	Product Dimension	425x402x505mm
Printing Speed	≤180mm/s(60-80mm/s suggested)	Package Dimension	467x412x187mm
Layer Height	0.1-0.4mm	Material	1.75mm PLA, ABS, Wood

## APPLICATIONS



ARCHITECTS

MANUFACTURERS

MAKERS

ENTHUSIASTS



Arts & Decors



Homemade Toys



Health Care



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# FDM 3D Printer LK 4 Pro

OPEN SOURCE & ULTRA-QUIET, BETTER USER EXPERIENCE.



Open source



Filament detector



Fine printing



Simple installation



Resume printing



TOUCH SCREEN  
INTERFACE



HIGH PRECISION NOZZLE



HEATED BED



POWER SUPPLY  
FOR SAFETY



STRONG STRUCTURE DESIGN



Build Volume: 220x220x250mm

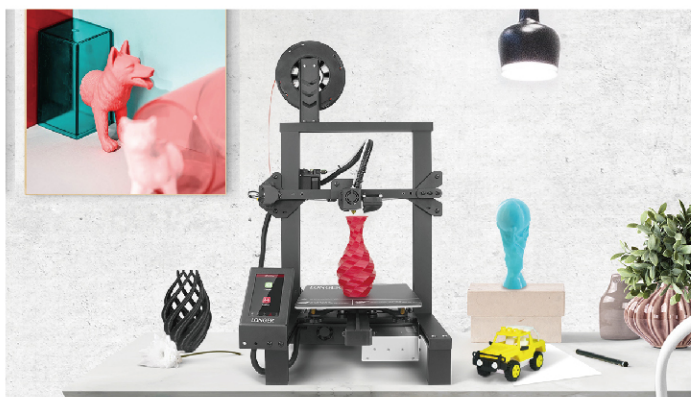
## ADVANTAGE

- Open source
- Ultra-quiet
- Plug and Play TMC2208 driver
- 4.3" full color touch screen
- Filament detector
- Resume print function

## SPECIFICATIONS

Model	LK 4 Pro	Extruder	Single
Printing Technology	FDM	Nozzle Diameter	0.4mm
Color	Black	Printing Temperature	190-250°C
Build Volume	220x220x250(LXWXH)	Heated Bed	Yes
Filament Detector	Yes	Support Software	Cura, Reptier-Host
LCD Touch Screen	Yes	File Format	G-code, STL
Print Resume	Yes	Connection	USB cable or SD card
Input Voltage	100-120V AC 7A, 200-240V AC 3.5A, 50-60Hz	Net Weight	7.8kg
Output Voltage	24V/DC 15A	Gross Weight	8.6KG
Power	280W	Product Dimension	425x402x505mm
Printing Speed	≤180mm/s(60-80mm/s suggested)	Package Dimension	467x412x187mm
Layer Height	0.1-0.4mm	Material	1.75mm PLA, ABS, Wood

## APPLICATIONS



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# FDM 3D Printer LK 1

BUILD IT BIGGER WITH LESS EFFORT AND TIME



Touch screen



Larger size



Fine printing



Simple installation



Resume printing



HIGH PRECISION NOZZLE



BELT DRIVE SYSTEM



STRONG STRUCTURE DESIGN



4MM THICK GLASS

At least 33% bigger area  
than most 3D printers

Build Volume: 300\*300\*400mm

## ADVANTAGE

Effortlessly print larger, more exciting 3D models up to 30 x 30 x 40cm to avoid sequential print runs with smaller segments. The larger build platform can also save time with multiple small print projects.

## SPECIFICATIONS

Brand	LONGER	Extruder	Single
Model	LK 1	Nozzle Diameter	0.4mm
Color	Black	Printing Temperature	room temp to 250°C
Printing Technology	FDM	Heated Bed	Yes
Build Volume	300x300x400mm(LxWxH)	Support Software	Cura, Reptier-Host
LCD Touch Screen	Yes	File Format	G-code, STL
Power Outage Recovery	Yes	Connection	USB cable or SD card
Input Voltage	100-120V AC 7A, 200-240V AC 3.5A, 50-60Hz	Net Weight	10.6 KG
Output Voltage	24V/DC 15A	Gross Weight	14.2 KG
Power	360W	Product Dimension	470x575x610mm
Printing Speed	≤180mm/s(60-80mm/s suggested)	Package Dimension	635x518x290mm
Layer Height	0.1-0.4mm	Material	1.75mm PLA/ABS/Wood
Packing Contents	1*3D Printer(Semi-assembled), 1*Control box, 1*Tool box		

## APPLICATIONS



ARCHITECTS

MANUFACTURERS

MAKERS

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Health Care



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# FDM 3D Printer LK1 PRO

Fully upgraded high performance 3D Printer



4.3inch touch screen



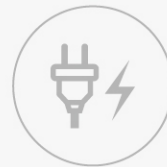
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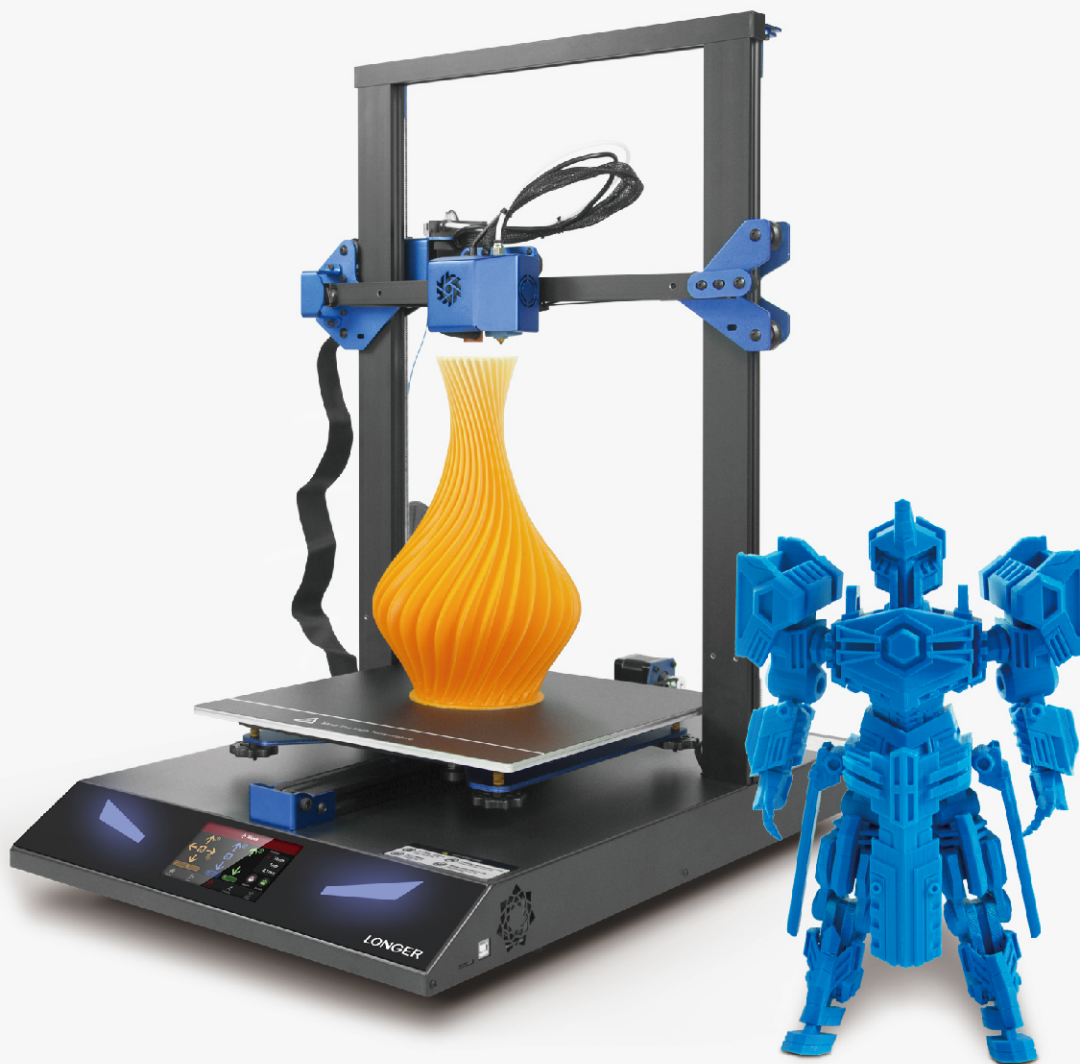
Fine printing



Simple installation



Power interruption



Build Volume: 300\*300\*400mm

## ADVANTAGE

The integrated chassis is its highlight point. Functions such as auto leveling, status eye breathing lights and other features make it more attractive. Its components are also fully upgraded: touch color screen upgrade to 4.3-inch, hidden simple wiring, dual Z-axis motor, TMC ultra-quiet drive, high-speed turbo cooling fan, structural sheet metal with full oxidation advanced treatment, hand screw large nut.

## SPECIFICATIONS

Model	LK1 PRO	Relative Humidity	20%-50%
Printing Technology	FDM	Input Voltage	100-120V AC 7A, 200-240V AC 3.5A, 50-60Hz
Build Volume	300*300*400mm	Output Voltage	24V/DC 15A
Layer Height	0.1-0.4mm	Rated Power	280W
Printing Speed	≤180mm/s(60-80mm/s suggested)	Material	1.75mm PLA、ABS、Wood,etc.
LCD Touch Screen	4.3 inch	File Format	Gcode,STL ,obj,png etc.
Hot Bed	Yes	Connection Mode	TF card, USB Online
Extrusion Temperature	250°C	Product Dimension	645*403*656mm
Operating Software	Cura, Repetier-Host,Simplify3D,etc	Packaging Dimension	742*532*312mm
Operating System	Windows/Mac	Net weight	12.8KG
Working Temperature	10°C-30°C (Optimum)	Gross weight	17KG

## APPLICATIONS



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# UV LCD 3D Printer Orange 10

SMART SUPPORT FAST SLICING - HIGH COST-EFFECTIVE



Touch Screen



Smart Supports



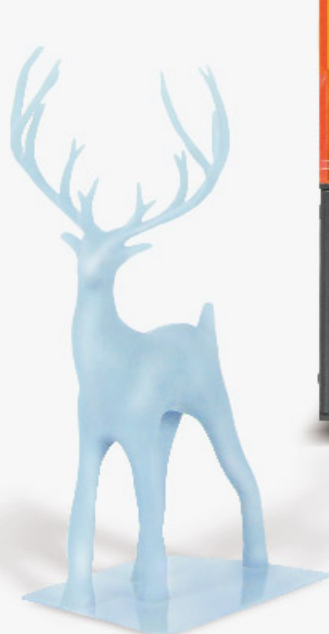
Fast Slicing



Offline Printing



Easier Leveling



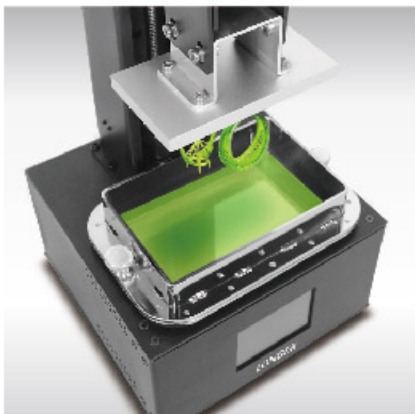
## ADVANTAGE

- With unique three features, such as intelligent support, fast slicing, special light path designed
- Plus 405nm wavelength UV light, array arrangement LED to obtain evenly distributed surface light source
- large enough to print size as 98mm (L) \* 55mm (W) \* 140mm (H)

## SPECIFICATIONS

Equipment Model	Orange 10	Working Temperature	20°C-30°C (Optimum)
Printing Technology	LCD stereolithography	Relative Humidity	30%-60%
Build Size	98*55*140 mm	Connection Mode	TF card
Layer Thickness	0.02-0.1 mm	Format	STL
LCD Resolution	854x480 pixel, 115 μm	Touch Screen	2.8 inch color touch screen
Z axis Resolution	0.625 μm	Power Input	100-240V AC, 50/60Hz, 1.6A
Build Speed	Up to 30 mm/h	Power Output	12V/DC, 6A
Material	Regid resin, castable resin, dental resin, etc.	Rated Power	41W
Light Source	UV LED 405 nm	Product Size	170x170x360 mm
Software	LONGER (self-developed)	Packaging Size	220x220x550 mm
Operation System	Windows 7/8/10, 64 bit	Net Weight	5.4 kg
		Gross Weight	7.0 kg

## APPLICATIONS



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# UV LCD 3D Printer Orange 30

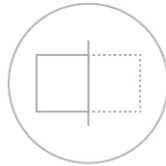
Reliable Performance & Affordable LCD SLA 3D Printer



Touch Screen



Easier Leveling



Fast Slicing



Ultra-fine Details



Offline Printing



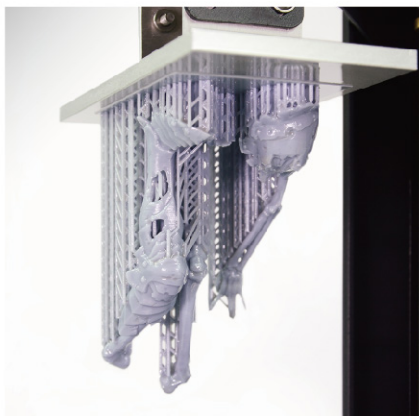
## ADVANTAGE

- Incredible resolution
- High precision finish
- Auto-generation of supports
- Offline printing
- Touch panel
- Easy to level
- Fast slicing
- Array arrangement LED to obtain evenly distributed surface light source
- Resin Collabration

## SPECIFICATIONS

Model	Orange 30	Operation System	Windows 7/8/10, 64-bit MAC
Printing Technology	LCD stereolithography	Connectivity	USB Disk
Build Volume	120*68*170 mm	Format	STL
Layer Thickness	0.01-0.1 mm	Screen	2.8 inch touch screen
LCD Resolution	2560x1440 pixel, 47.25 $\mu$ m	Dimension	200*200*390 mm
Z axis Resolution	10 $\mu$ m	Power Requirement	100-240V AC, 50/60Hz
Build Speed	30 mm/h	Working Power	72 W
Material	Photopolymer Resin Dental, Castable Resin	Net Weight	6.7 kg
Light Source	UV LED 405 nm	Gross Weight	8.4 kg
Software	LONGER (self-developed)	Packaging Dimension	252x252x520 mm

## APPLICATIONS



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# Industrial LCD 3D Printer Orange 200



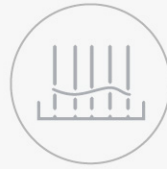
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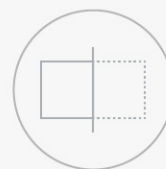
High precision  
forming



Matrix LED  
Lighting



Smart Supports



Fast Slicing



Touch Screen



Parallel 405nm UV LEDs are used, greatly improving printing quality

## ADVANTAGE

- High contrast ratio
- Transmittance
- Parallel light source
- Long life time

## SPECIFICATIONS

Model	Orange 200
Building Size	192*120*200mm
Resolution	2560*1600
Z axis Resolution	76.5 $\mu$ m
Building Speed	0.01-0.1 mm
Connection	30mm/h
Ligth Source	Parallel 405nm UV LED
Screen	7 inch color screen
Format	stl、zip、lgs
Connectivity	USB/Ethernet
Material	manufacturing, dental, castable , etc

## APPLICATIONS



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# Industrial LCD 3D Printer Orange 300



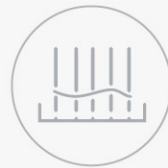
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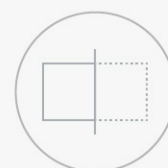
High precision  
forming



Lifespan up to  
5000 hrs



Smart Supports



Fast Slicing



Touch Screen



Parallel 405nm UV LEDs are used, greatly  
improving printing quality

## ADVANTAGE

- High contrast ratio
- Transmittance
- Parallel light source
- Long life time

## SPECIFICATIONS

Model	Orange 300
Building Size	293*165*420 mm, 13.3inch
Resolution	3940*2160, 76.5 μm
Layer Thickness	0.02-0.1 mm
Building Speed	30mm/h (100μm)
Connection	Ethernet/WIFI/USB
Screen	4.0 inch color screen
Software	LONGER
Ligth Source	Parallel 405nm UV LED
Materials	manufacturing, dental, castable , etc
Dimension	400*550*950 mm

## APPLICATIONS



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# Skyform DLP 3D Printer



Lifespan up to 20000 hrs



Touch Screen



Support multiple file format



Self-developed



Adopt new design concept with industrial high-end components, our advantage is based on the most cost-effective positioning. With high-end configuration, large-size print, 50-micron print accuracy and the lower price, it's widely applied to various fields such as commercial, industrial, design, makers, etc.

## ADVANTAGE

- 10 micron printing accuracy
- Large-size printing
- High-end configuration
- Lives up to 20,000 hours
- LED touch panel
- Support for multiple formats
- Independent research and development

## SPECIFICATIONS

Model	Skyform 100	Machine Size	635x420x1375mm
Build Volume	96x54x200mm	Pixel Accuracy	50um
Layer Thickness	25-100um	Forming Principle	DLP UV Light projection Molding
Light Source	UV LED	Power Supply	220V/1000W
Available Material	Castable resin	Connection	USB/Ethernet/Wifi
Working Speed	Up to 240 floors per hour	File Format	stl, slc

## APPLICATIONS



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# Ceraform 100 Ceramic 3D Printer



High precision forming



Touch Screen



Complex model



Small-Lot Production



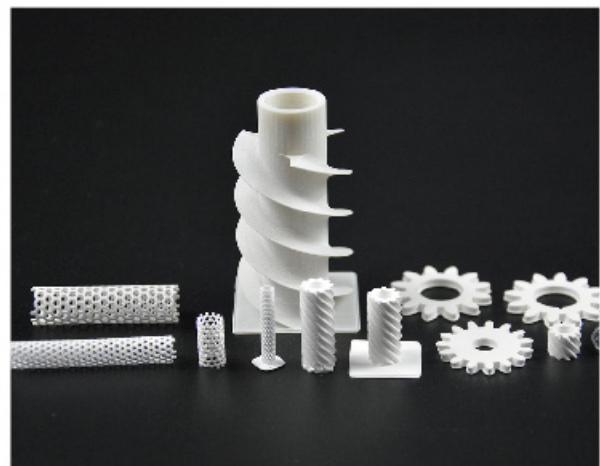
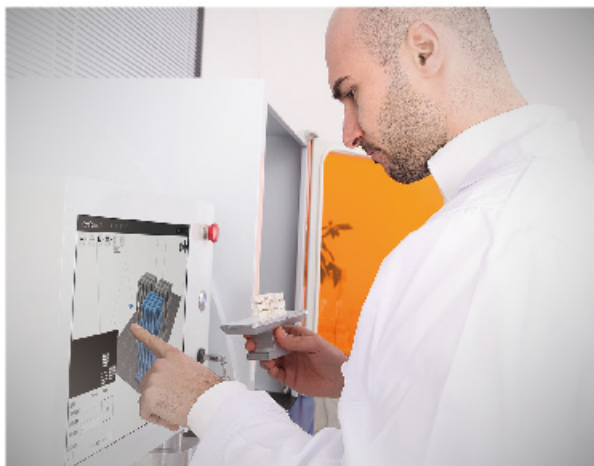
## ADVANTAGE

- High-precision ceramic 3D printer
- High solids content Materials
- Construct Complex structures
- Independent research and development
- Small Batch Ceramic production
- Degreasing sintering

## SPECIFICATIONS

Model	Ceramic Form 100
Build Volume	96x54x200mm
Layer Thickness	25-100um
Light source	UV LED
Available Material	Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , ZrO <sub>2</sub> , HA etc
Pixel accuracy	50um
Working speed	Up to 240 floors per hour
File format	stl, slc
Connection	Ethernet/WiFi/USB

## APPLICATIONS



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# LG-S300 Metal 3D Printer



High precision forming



Touch Screen



No soot and low oxygen



Self-developed



## ADVANTAGE

- No soot process
- Low oxygen dynamic equilibrium
- High precision forming
- More intelligent to realize the entire unattended
- Monitor and record process parameters in process
- High-configuration safety interlock mechanism

## SPECIFICATIONS

Model	LG-S300	Scanning Accuracy	X/Y: $\leq \pm 1\mu m$
Build Volume	250*250*420(WxDxH)	Positioning accuracy of forming device	$\leq \pm 5\mu m$
Layer Thickness	20-100um (Adjustable)	Maximum preheating temperature	200 Degrees celsius
Laser	YLR-500-WC, 500W; M2 $\leq$ 1.1	Minimum oxygen content	$\leq 50ppm$
Optical structure	F-theta Lens (F-420), single galvanometer	Available Materials	Titanium alloy, Al alloy, High-temperature Alloys, Copper alloy, Cobalt-chromium alloy, Stainless Steel, High-tension steel, Die steel
Max Scan Speed	7000mm/s	Atmosphere Environment	AR Gas Protection atmosphere
Maximum power	10kW	Scraping powder mechanism	Two-way scraping
Manufacturing speed	5-20cm <sup>3</sup> /h	Manufacturing speed	5-20cm <sup>3</sup> /h

## APPLICATIONS



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