




SUPER MAKER SLA300


Industrial SLA
3D printer


Break through limitations


Reconstruction imagination

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Contribute to the rise of China's manufacturing industry

SUPER MAKER

INDUSTRIAL SLA 3D PRINTER

SUPER MAKER SLA300

INDUSTRIAL GRADE
SLA 3D PRINTER

SLA300/400 printer are an industrial application product developed and produced by Zongheng3d. It is characterized by high integration and fast printing speed.

Through 3D printing and rapid prototyping, R&D engineers can quickly convert the 3D model data designed by computer into real objects.

This process is ten times faster than using traditional production methods.




BUILT
IN CAMERA


EASY
DISASSEMBLY


CONSTANT
TEMPERATURE
HUMIDITY


SMALL
VOLUME


LOWER
COST


EASY
OPERATION

FOCUS ON 3D PRINTER DEVELOPMENT AND MANUFACTURING



SLA FORMING PROCESS

- Highly efficient and stable
- Small equipment Size&Large forming Size
- Workpiece easy to Remove&Clean

PRODUCT MODEL	SUPER MAKER SLA-300
3D TECHNOLOGY	STEREO LITHOGRAPHY APPEARANCE
PACKAGE SIZE	650*740*1600MM
GROSS WEIGHT	AROUND 240KG (WITHOUT THE MATERIALS)
LASER	CUSTOMIZED UV LASER
GALVANOMETER	HIGH-END DIGITAL GALVANOMETER
SPOT SIZE	BETWEEN 0.08MM TO 0.12MM
SCANNING MODE	GALVO SCANNING
SCRAPER	VACUUM SUCTION SCRAPER
SCANNING SPEED	BETWEEN 6000MM/S-10000MM/S
LIQUID LEVEL DETECTION SYSTEM	LASER LEVEL SENSOR
MATERIAL	355-380NM SPECIFIC WAVELENGTH PHOTSENSITIVE RESIN
FORMING SPACE	300MM×300MM×300MM(COULD BE CUSTOMIZED)
DIVIDED INTO LAYER THICKNES	0.05MM—0.15MM
FORMING SPEED	MAX 180G/H
RESIN TANK	REPLACEABLE
POWER SUPPLY	220V, 50HZ
RATED INPUT POWER	2.5KVA
OPERATING SYSTEM	WINDOWS 7
NETWORK TYPE AND PROTOCOL	ETHERNET, TCP/IP
DATA INTERFACE	SLC
FORMING ACCURACY	PART SIZE <100MM: L±0.1MM PART SIZE ≥100MM: L±0.1%×L
WORKPLACE REQUIREMENT	≥3M*3M*2.8M

APPEARANCE REFERENCE



Unit: MM
weight: ≈ 115KG

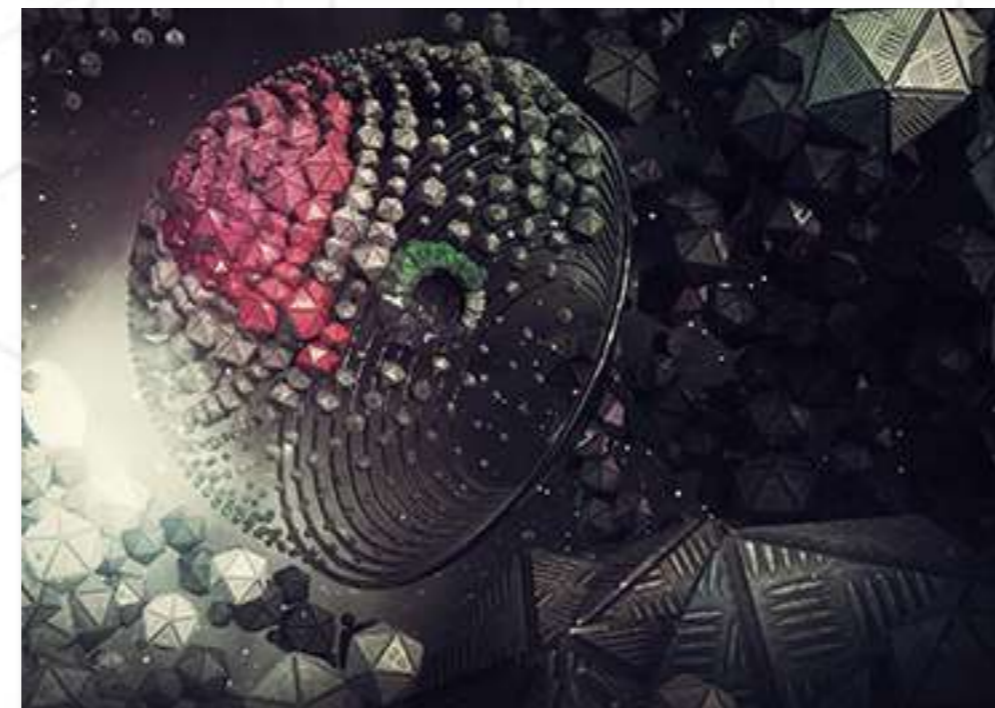
PRODUCT ADVANTAGES

Save materials without removing surplus materials, improve the utilization rate of materials, and reduce costs through waste production lines.

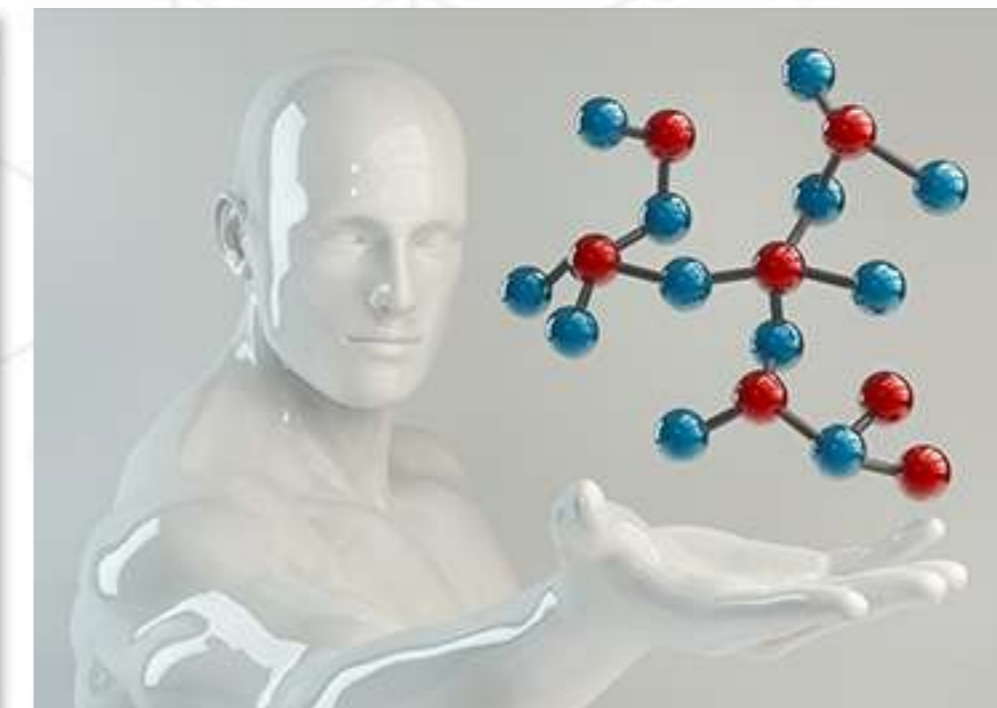
It can achieve high precision and high complexity, and can manufacture very complex parts that cannot be manufactured by traditional methods.

3D printing does not need a centralized and fixed production workshop, and has the characteristics of distributed production.

It can automatically, quickly, directly and accurately convert the three-dimensional design in the computer into physical models, and even directly manufacture parts or molds, so as to effectively shorten the product R & D cycle



CG DESIGN



BIOMEDICINE



TOYS CARTOON



JEWELRY PROCESSING



BUILDING DESIGN



CULTURE CREATIVITY

WIDE APPLICATION FIELDS

SLA300 industrial 3D printer is widely used :

- Prototype manufacturing
- Automobile manufacturing
- Toys and animation
- Electronic appliances
- Aerospace
- Medical assistance
- Precision casting
- Architectural design
- Cultural creativity.....



AVIATION FIELD

Provide the most intuitive model design for aviation designers and shorten the R & D cycle



SHOE MOLD DESIGN

Provide sample preview for the footwear industry and shorten the design cycle



MOVIE PROPS

Print the props and models needed for various film and television scenes at will



CG DESIGN

Provide high-precision models for CG industry and manual enthusiasts



MEDICAL ASSISTANCE

Quickly print out the practical medical auxiliary devices



AUTO PARTS

Print unique auto parts that can be used in practice for auto enthusiasts

ADVANTAGES

Control System

The use of intelligent control methods improves the efficiency, stability and expansibility of the control system.

Optical system

Stable and reliable optical component layout, closed design, can reduce external interference and pollution.

Highly automated

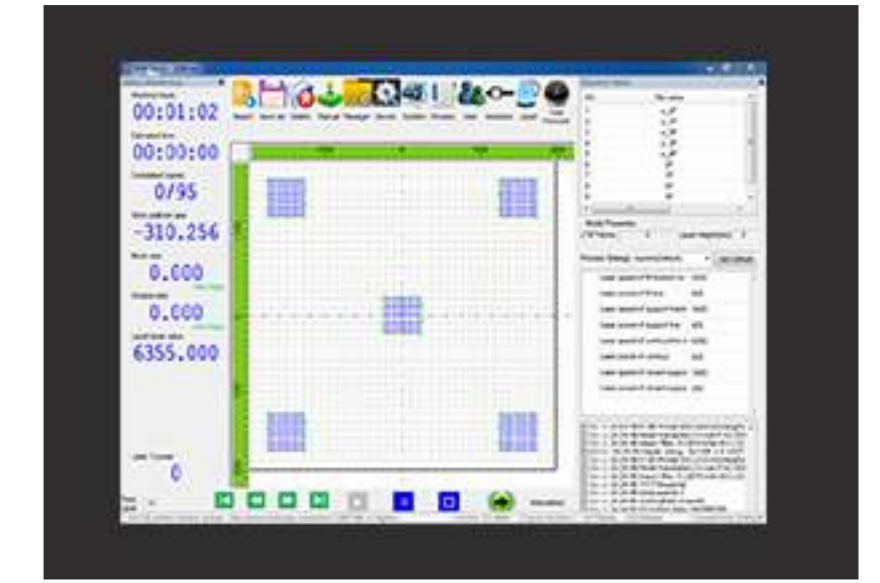
The process is fully automatic, without manual intervention, and can basically realize unattended production. Automatic control system, negative pressure suction scraper, automatic control/adjustment of liquid level, one-key start



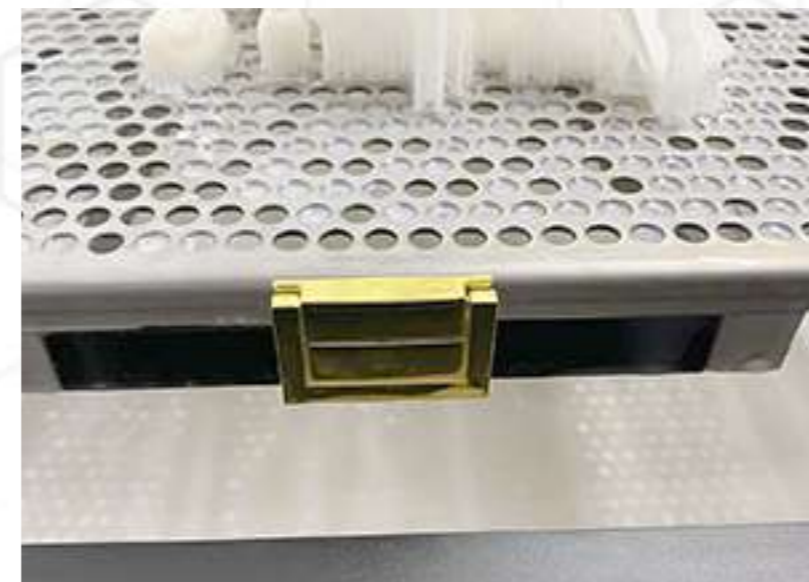
BUILT IN CAMERA



EASILY REPLACEABLE RESIN TANK



LARGE SCREEN-10 INCH



REMOVABLE PLATFORM

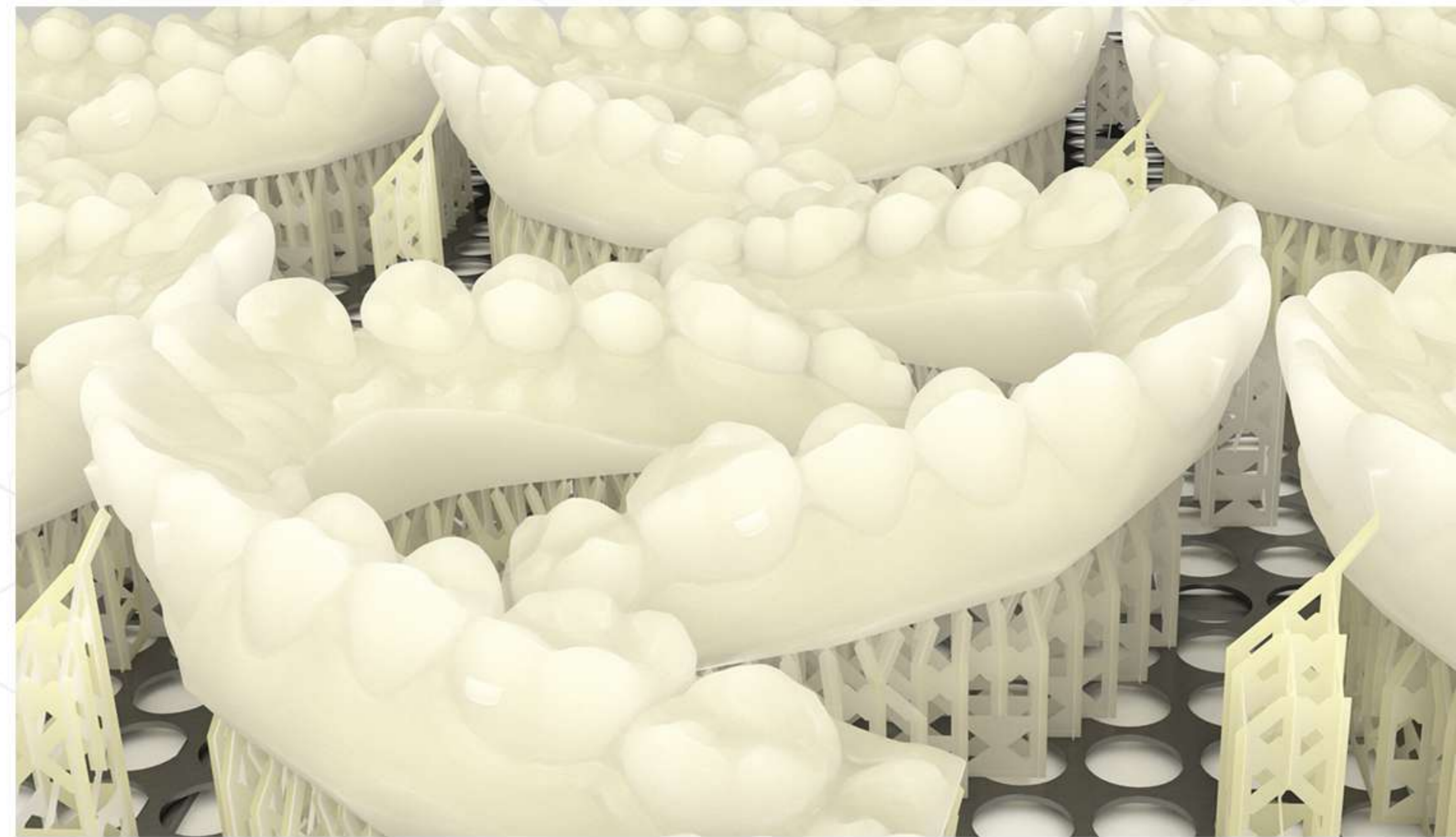


CONSTANT INTERNAL TEMPERATURE&HUMIDITY



PROFESSIONAL PRINTING PROCESS

- The printing process is automatic
- Print a variety of personalized models in small batch to save the development cost of molds
- Support multiple different models to print at the same time, greatly reducing the printing time
- The printing mode can reduce the production cost and even the batch assembly mode.



01

Import slicing software processing model

(File format: STL)

02

Import device computer

(Support remote transmission)
(Support USB flash disk import)

03

Start printing

(Wait for printing to complete)

04

Remove the bottom support of the model

05

Ultrasonic cleaning model

06

Put it into the curing box and cure it with ultraviolet light

07

Sand the surface of the model with sandpaper

Professional slicing software: VOXELDANCE ADDITIVE

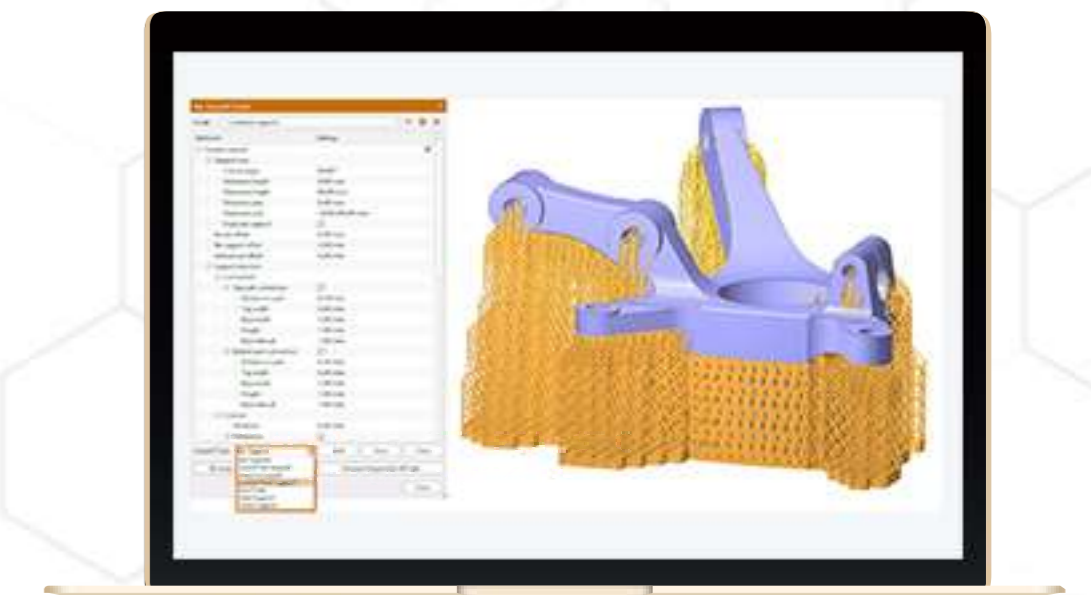
Fully compatible with a variety of 3D software (export STL format), simple interface and easy operation



UNIQUE FUNCTION

One click to generate professional support, which can be added or deleted manually

Built in a variety of consumables, the best printing parameters, perfect printing effect



COMPANY INTRODUCTION



EXHIBITION

Professional team and standardized production process



Warehouse

Testing Room



E-commerce Department



assemblage



Showroom

CERTIFICATION

Authoritative certification and quality assurance

ZONGHENG ADDITIVE INTELLIGENT TECHNOLOGY(ZHUHAI) CO.,LTD

step bu step reach thousand miles

Zongheng additive Intelligent Technology (Zhuhai) Co., Ltd. was founded in November 2017. The company has been at the forefront of innovation in the 3D printing industry from R & D and manufacturing, updating and iterating its application with various industry fields. Zongheng additive Intelligent Technology Development Co., Ltd. has a technology department, engineering department and business Department, with strong design, R & D and production capacity, and can provide customers with comprehensive services such as printing scheme, machine customization and technical support.

The 3D printer and supporting software produced by Zongheng additive company are independently developed by our company. It has a 3D printing equipment and raw material R&D and manufacturing base and a professional customized 3D printing service organization. The company has been committed to the market-oriented application of 3D printers, providing individuals, schools and enterprises with efficient and affordable 3D printing comprehensive solutions to meet the requirements of each creativity for efficiency, quality and rapid prototyping. Headquartered in the beautiful coastal city of Zhuhai, the company has many offices in Chongqing, Wuhan, Beijing, Guangzhou and other places, and cooperates with many colleges and universities to establish production,



PERFECT AFTER-SALES SERVICE SYSTEM

INSTALLATION TRAINING SERVICES


Installation services

Remote Installation Service


Professional software and practical training

3D printer operation tutorial
3D printing software operation tutorial



Accessory List.jpg



Step1-Unbox.mp4



Step2-Install the laser and Debug.mp4



Step3-Debug the level.mp4



Step4-Debug the Size.mp4




Step5-F&Q.mp4

A series of installation instructional video.

After sales service system


Provide 7 * 12 hour online technical support services


Free product fault detection


Free upgrade and verification of product software faults


The designated after-sales personnel of each equipment shall follow up the whole process


Provide one-year warranty from the date of delivery



REMOTE&ON-LINE SERVICE