



ZH-SLA800

Industrial SLA
3D printer

Break through Limit

Reconstruct Imagination

ZHUHAI ZONGHENG 3D INTELLIGENT TECHNOLOGY CO.,LTD

🌐 <http://www.zongheng3d.com>

📍 602, building 2, No.12,Futian Road, Phase II, Qianshan industrial area, Xiangzhou District, Zhuhai, Guangdong, China

☎ +0086-13727851624

✉ Phoebe@Zongheng3d.Com

Contributing to China's manufacturing industry

SUPER MAKER

INDUSTRIAL SLA 3D PRINTER



ZH-SLA 800

INDUSTRIAL GRADE
SLA 3D PRINTER

ZH-SLA 800 is a high speed industrial additive 3D printer developed & manufactured by Zongheng3D which enables R&D engineers convert their 3D computer designs into real objects. With its user-friendly interface and super-easy handling process, R&D engineers can develop their prototypes 10 times faster than traditional production methods.




INTEGRATED
MOLDING


FAST SCANNING
SPEED


HIGH PRINTING
ACCURACY


WIDE APPLICATION
RANGE


LOWER
COST


BATCH
PRINTING

FOCUS ON 3D PRINTER DEVELOPMENT AND MANUFACTURING



.Main components integrated with top-level laser control system (SCANLAB & Japanese Made components)

.Maintain the laser power variation rate within $\pm 3mW$ for 8 hours

.Precise laser control comes from self-calibrating modules.

Optional Configuration:

Removable Platform
Replaceable Resin Tank
Remote Control System

Product Model	ZH-SLA 800
Laser type	Pulse, UV, all solid state laser
Wavelength	355NM
Laser power	3W
Coating method	Automatic vacuum adsorption coating
Print layer thickness	0.05-0.2MM
Import file format	SLC,STL
Material volume	392L, about 480kg
Spot diameter	0.075-0.8MM
operating system	Win7 (32-bit)
Operating software	ZH6.0
Equipment weight	About 1300kg (exclude materials)
Network type	Ethernet
Vertical repeat positioning accuracy	$\pm 0.002MM$
Horizontal repeat positioning accuracy	$\pm 0.001MM$
Maximum Model part weight	100KG
Reference Production weight	50-180G/H
Power supply parameters	220V/50HZ
Recommended print layer thickness	0.1MM
Maximum forming volume	800×800×500mm(customizable)
Recommended part scanning speed	15000MM/S
Recommended part jumping speed	1200MM/S
Working ambient temperature	20-28°C
Machine size (W * D * H)	1.40M*1.50M*2.20M
Relative humidity of working environment	<40%
Site requirement (W * D * H)	$\geq 4M*4M*3M$

APPEARANCE REFERENCE



PRODUCT ADVANTAGES

Save material without removing surplus material, improve material utilization, and reduce production costs by eliminating traditional production lines.

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

3D printing does not require a centralized fixed production workshop and can be allocated distributed production.

It can automatically, quickly, directly and accurately convert the 3D design into actualized physical model, and even directly manufacture parts or molds, thus effectively shortening the product development cycle.



3C DIGITAL



INDOOR FURNITURE



AUTOMOBILE



AEROSPACE FIELD



CREATIVE LIGHTING



3A GAME CHARACTERS

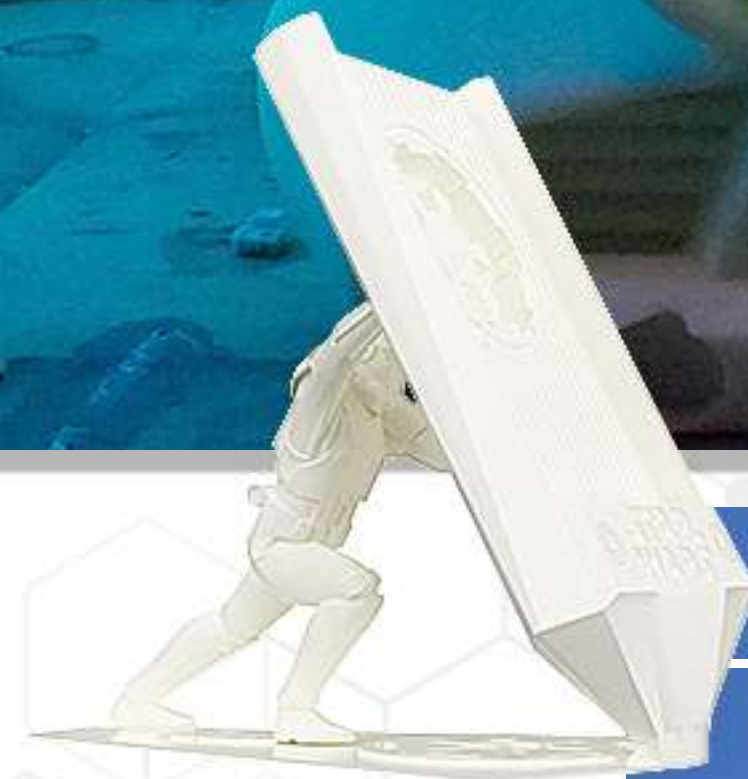
WIDE APPLICATION

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



AIRCRAFT PARTS

SLA model can be directly used in wind tunnel test to test manufacturability and assembly



LIFE ACCESSORIES

Decorate life, print mobile phone brackets and other interesting accessories to enrich life



CAMERA RABBIT CAGE

Organize the necessary photographic items for the photography industry



CONCEPT PRODUCT

Provide further modification inspiration for concept designers to print concept products



HOME DECORATION

Provide product proofing prototypes for furniture companies.



COMPUTER CASE

Provide model proofing and verification products for computer chassis designers

ADVANTAGES



- The advanced scanning system can still maintain stable performance after continuous operation for more than 100 hours
- The floor and elevator frame are made of marble to minimize the impact of the external environment
- Closed loop control strategy for maintaining the accuracy and stability of laser power control, resin liquid level control and resin coating vacuum control

Control System

Adopt intelligent control method, improves efficiency, stability and scalability.

Optical System

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

High Automation

The whole printing process is fully automatic, no need for human intervention, basically achieve unattended production.



VARIABLE SPOT

The spot size can be adjusted arbitrarily according to the model



LARGE SCREEN-19 INCH

19 inch large screen, more convenient operation



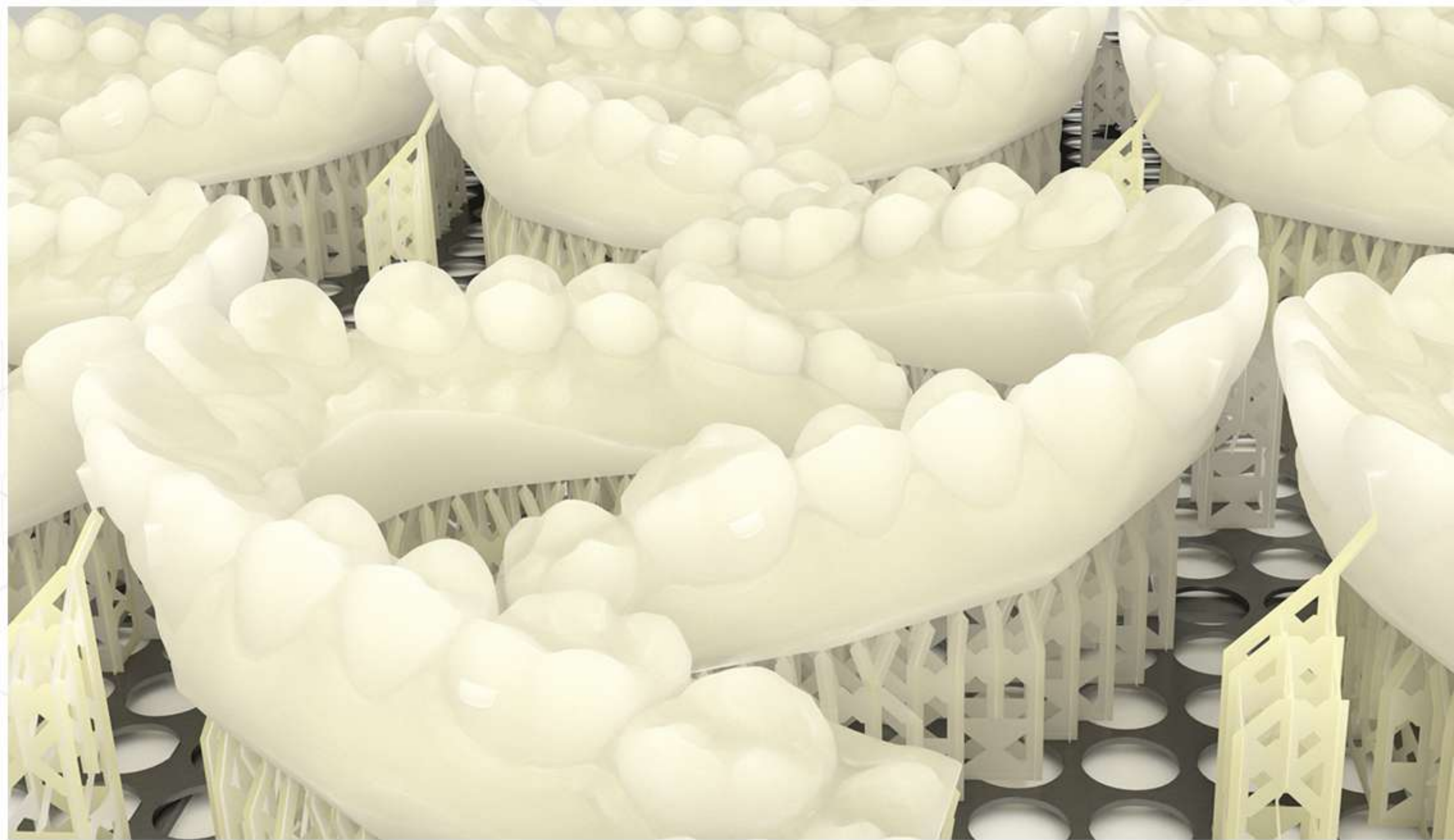
SPECIAL MESH PLATE

Printed models are easy to disassemble



VACUUM ADSORPTION

Scraper vacuum adsorption, strong stability



01

Import 3D model file into slicing software

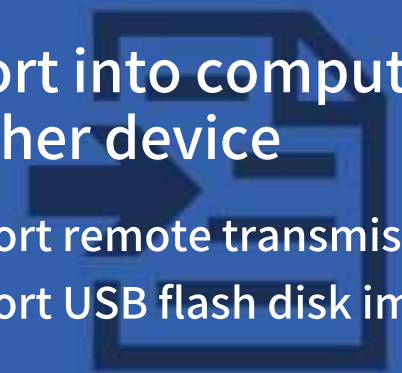
(File format: STL)



02

Import into computer or other device

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



03

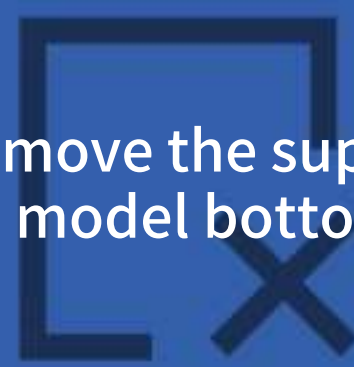
Start printing

(Wait for printing completion)



04

Remove the support on model bottom



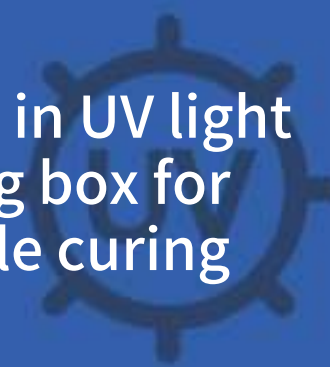
05

Cleaning model by ultrasonic infiltration



06

Place in UV light curing box for double curing



07

Sanding model surface with sandpaper



Professional slicing software:

VOXELDANCE ADDITIVE

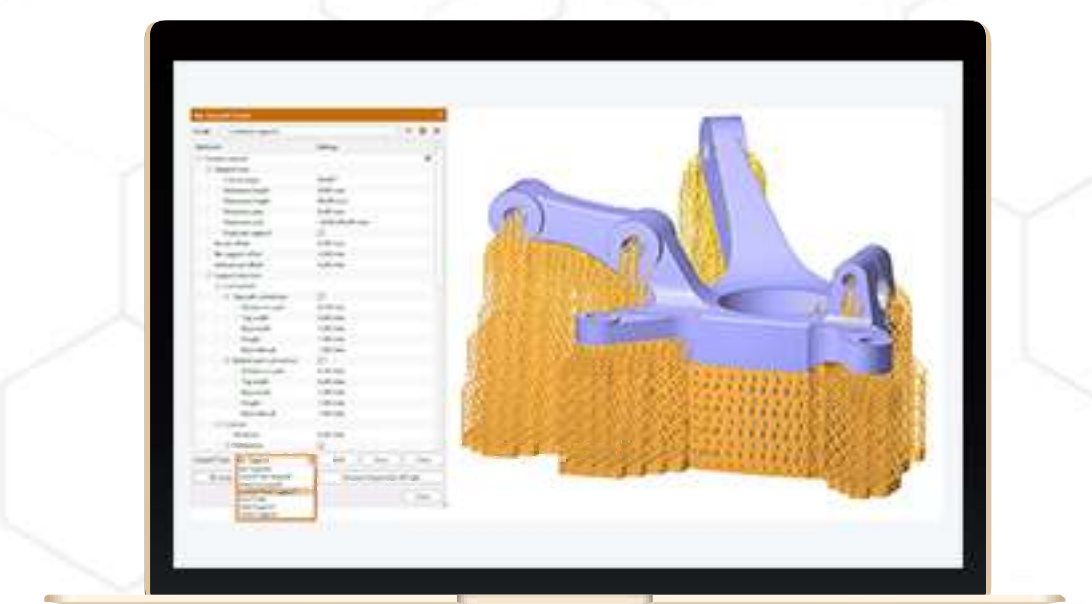
Fully compatible with a variety of 3D software (export STL format), simple interface and easy operation



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



ZHUHAI ZONGHENG 3D INTELLIGENT TECHNOLOGY CO.,LTD


Step by step reach thousand miles

Zuhai Zongheng 3D Intelligent Technology Co.,Ltd founded in 2017 November. Zongheng3D is taking the lead in supplying 3D printer for various industry fields and manufacturing, application to the continuously technology iterations. The company has owned whole experienced team for Technical, Engineering, Manufacturing and Sales, with strong self-developed, R&D and production capacity, offering specialization 3D Printing solutions, 3D Printer customized and integrated technical supports, specialized in industrial 3D SLA printer.


Zongheng 3D independently developed its 3D printers and supporting software under its R&D base of 3D printing equipment and raw materials, offering professional customized 3D printing service to varied industries. It has been committed to the application for 3D printing market more than 7 years, providing efficient and affordable 3D print integrated solution to domestic and overseas customers both for commercial or individuals, constantly contributing to achievement of high quality efficient prototyping for clients each creativity actualized demand. Headquarter based in the beautiful coastal city, Zhuhai, with branch offices in Chongqing, Wuhan, Beijing, Guangzhou, etc. Zongheng 3D also has established Research & Education Practice Base, collaborated with many colleges and universities. Tenet to accumulation and consummation of hard technology strength in whole operation system for its development, manufacture, sales & after-sale service.

OPTIMIZED AFTER-SALES SERVICE

PROVIDE SERVICE FOR INSTALLATION TRAINING


Installation services

Provide Remote Installation Service


Professional Training for Software Operation & Practical Operation

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 Services


Provide services for 7*12 hours online technical support


Free detection for machine malfunction


Free verification and upgrade for machine and software


Designated after-sales staff following up the whole process for each machine


Provide one-year warranty from the date of delivery



REMOTE&ON-LINE SERVICE