



ZH-SLA600

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 600

INDUSTRIAL GRADE
SLA 3D PRINTER

ZH-SLA 600 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.



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 600
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	180L, about 225kg
Spot diameter	0.1-0.6MM
operating system	Win7 (32-bit)
Operating software	ZH6.0
Equipment weight	About 860kg (exclude materials)
Network type	Ethernet
Vertical repeat positioning accuracy	$\pm 0.002MM$
Horizontal repeat positioning accuracy	$\pm 0.001MM$
Maximum Model part weight	70KG
Reference Production weight	50-180G/H
Power supply parameters	220V/50HZ
Recommended print layer thickness	0.1MM
Maximum forming volume	600×600×400mm(customizable)
Recommended part scanning speed	6000MM/S
Recommended part jumping speed	1200MM/S
Working ambient temperature	20-28°C
Machine size (W * D * H)	0.99M*1.30M*1.85M
Relative humidity of working environment	<40%
Site rrequirement (W * D * H)	$\geq 4M*4M*2.8M$

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.



MILITARY & DEFENCE



HOME DECORATION



MEDICAL & CLINIC



MOVIE



ART-WORK



DENTAL

WIDE APPLICATION

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



ARCHITECTURAL DESIGN

Provide mini room model for real estate companies to complete the architectural layout faster



DENTAL MODEL

Quickly specify the treatment plan for dentists and shorten the treatment cycle



ELECTRIC PARTS

Support batch mold fabrication and save mold development cost



MILITARY

Provide military enthusiasts with fast and fine model printing to meet daily needs



HOME DECORATION

Provide product proofing prototypes for furniture companies.



AUTO PARTS

Provide models for the automotive industry and accelerate the progress of product research and development

ADVANTAGES



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



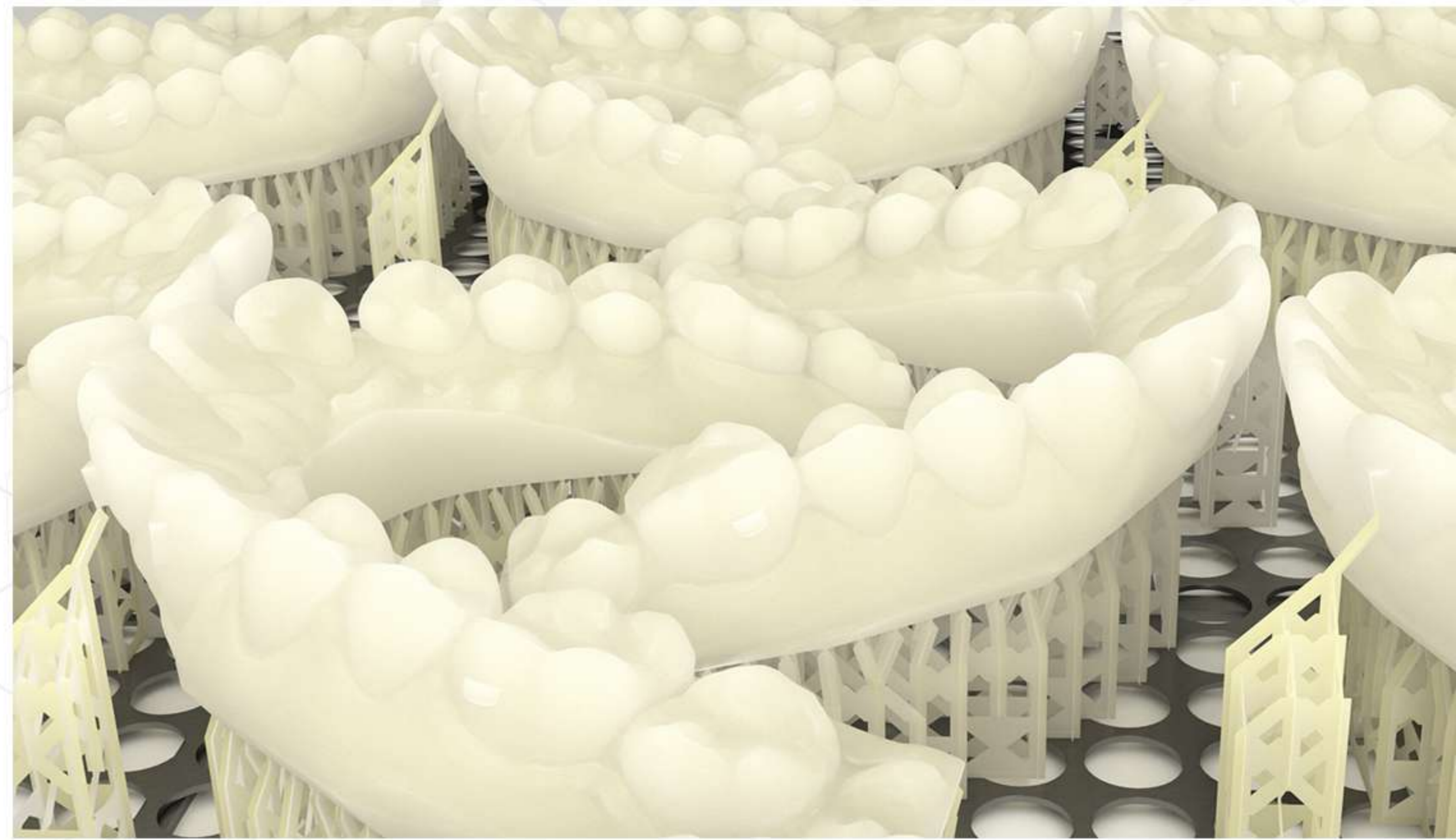
VACUUM ADSORPTION

Scraper vacuum adsorption, strong stability

- 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

PROFESSIONAL PRINTING PROCESS

- . Printing Process Automation
- . Print multiple personalized models in small batches to save mold development costs.
- . Support varied different models printing simultaneous, greatly reducing printing time
- . Printing mode can reduce production costs and even achieve mass production.



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

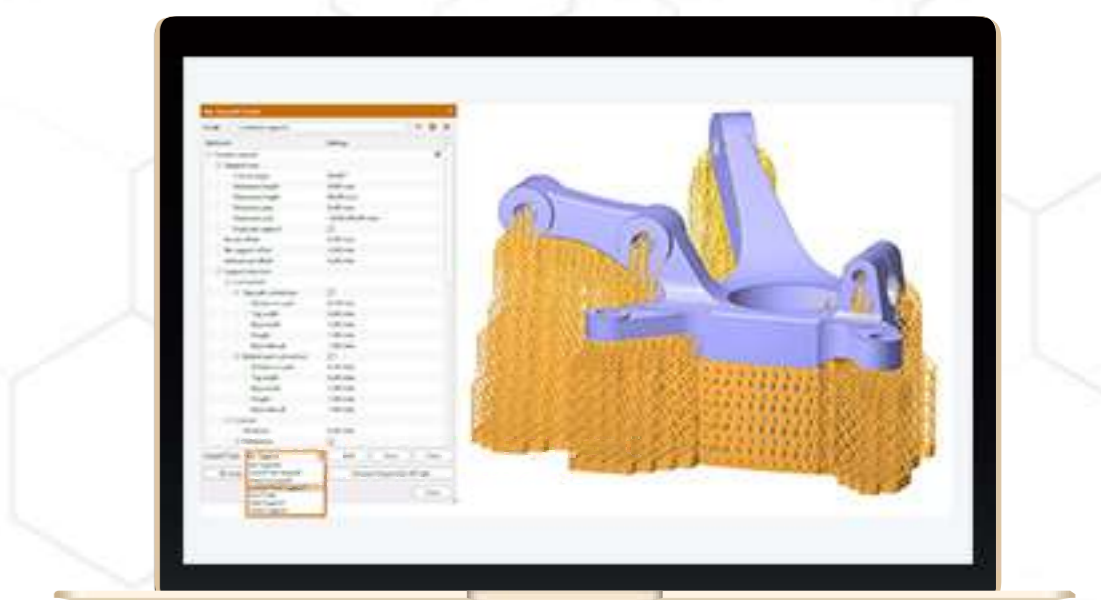
Fully compatible with a variety of 3D software (export STL format), simple interface and easy operation



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