Industrial SLS 3D Printer

Ideal for rapid prototyping and small
batch industrial production needs

Details to see the truth

Ultra-high precision printing with wall thicknesses up to 0.3 mm
Suitable for both test parts and practical applications

Focusing on 3D printers development and production

- Save material without removing excess material, improve material utilization, and reduce production costs by eliminating the need for production lines.
- High precision and complexity can be achieved, and very complex parts that cannot be made by conventional methods can be manufactured.
- 3D printing does not require a centralized fixed production plant and has the characteristics of distributed production.
- Automatically, quickly, directly and accurately converts 3D designs in computers into physical models, and can even directly manufacture parts or molds, thus effectively shortening product development cycles

Freedomof design

Easy production
of complex geometries without
structural support

Cheap materials

Common nylon
material, resulting
in a significant reduction
in material costs

High productivity

Multiple parts can be
arranged in close proximity,
suitable for small
production runs

High recovery rate

All remaining
powder can be reused

For all types of manufacturing Integrated solutions for various manufacturing needs

Pre-product structure and functionality validation covering various industries And can be directly applied in post-production Significantly shorten the production cycle and reduce production costs

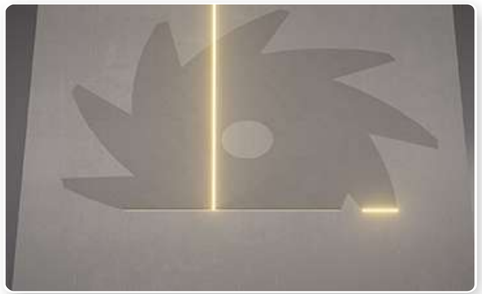
A big role to play in a small area

Product Model	SLS-3540Pro
Equipment size (L×W×H)	13500*950*1900MM
Build Volume (W x D x H)	350 x 350 x 430 MM
Net Weight	APPRO * 750KG
Laser Type	FIBER LASER，1×300W
Scanning head	High-precision digital galvo system
Scanning Speed	MAX 15M/S
Max Chamber Temperature	280°C
Operating System	64 bit window 10
Data File Foramt	STL
Inert Gas Protection	Nitrogen
Materials	PA11,12,nylon with glass fibe
Supports	No Support
Thermal Field Control	Eight-zone heater & intelligent termperature control systems
Operating Ambient Temperature	18 - 30 °C
Layer Thickness	0.07~0.3mm
Key Software Feature	Open machine key parameters, real-time build parameter modification 3D visualization, diagnostic functions
Power Supply	EUR/China: 380-400V, 50/60Hz, three-phase US: transformer sold with machine

Control the entire product development process from iterating the first concept design to the final landing of a ready-to-use 3D printer

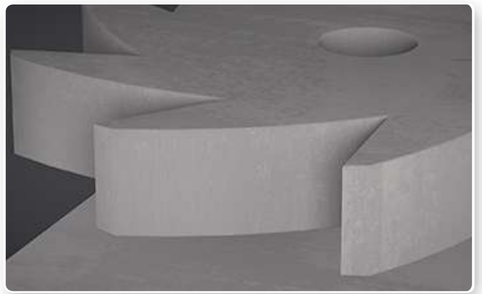
Small size and high precision printing molding Industrial grade nylon 3D printer

Whether you are a precision-oriented manufacturer, creator or researcher, this new generation of SLS 3D printers can meet the needs of manufacturing, model design and make your creation full of creative possibilities.



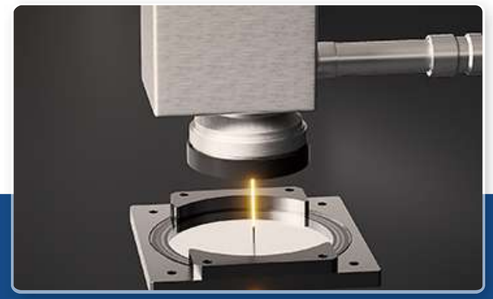
350*350*430mm molding size

The smallest device of the same printing and forming size
Smallest size, can meet most industrial scientific research applications



Supports a variety of thermoplastic materials

Support PA11,12,nylon plus glass fiber, etc.
A variety of thermoplastic materials, at the same time, the power and nitrogen consumption of the equipmentConsumption is reduced by 50% compared to the same industry.



German high precision laser

1064 fiber laser with fine path planning algorithmto ensure high speed printing efficiency while still ensuring
Part details are complete and outstanding

Fast scan and print

You can start a new print job within 1-2 hours after the last print job is completed after the last print job is completed and starts a new print with up to25 m/s scanning speed to support high-precision model printing within a few hourshigh precision model printing

SLS printing, as a cutting-edge 3D printing technology, has been widely used in various professional fields such as industry, medical, automotive, etc. In these fields, SLS printing with its high efficiency, precision and other printing characteristics. In these fields, SLS printing provides a new way to realize creativity and a convenient production method for manufacturing, so that product updates and iterations to actual production can be more fine and flexible and simple.

Shoe moulding industry

Utilizing SLS printing technology, the printer can manufacture customized insoles that are printed to fit the customer's foot shape and comfort requirements, helping to relieve foot pain and increase comfort

3C industry

The printer can create complex components such as gears and bearings, enhancing product functionality and reliability, and quickly verifying product appearance, size, and functionality

Industrial Design

Various complex devices can be manufacturedsuch as gears, bearings, etc., to enhance product functionality and reliability, and quickly verifyproducts in terms of appearance, size, and function

Automotive industry

It can print high-strength, high-precision, and complex parts directly, thereby reducing the overall weight of the vehicle, improving vehicle performance and fuel efficiency

Medical Industry

It can directly customize and print medical devices such as artificial joints, prosthetics, and other tools, which have excellent mechanical performance and biocompatibility, better meeting patient needs

Air and Space

The printer can manufacture various high-precision, complex space probe components, such as propulsion components and fuel pipelines, which can significantly shorten manufacturing cycles and reduce production costs

Company Profile

Zhuhai Zongheng 3D Intelligent Technology Co.,Ltd

step by step reach thousand miles

Zhuhai 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.

Warehouse

Testing Room

E-commerce Department

assemblage

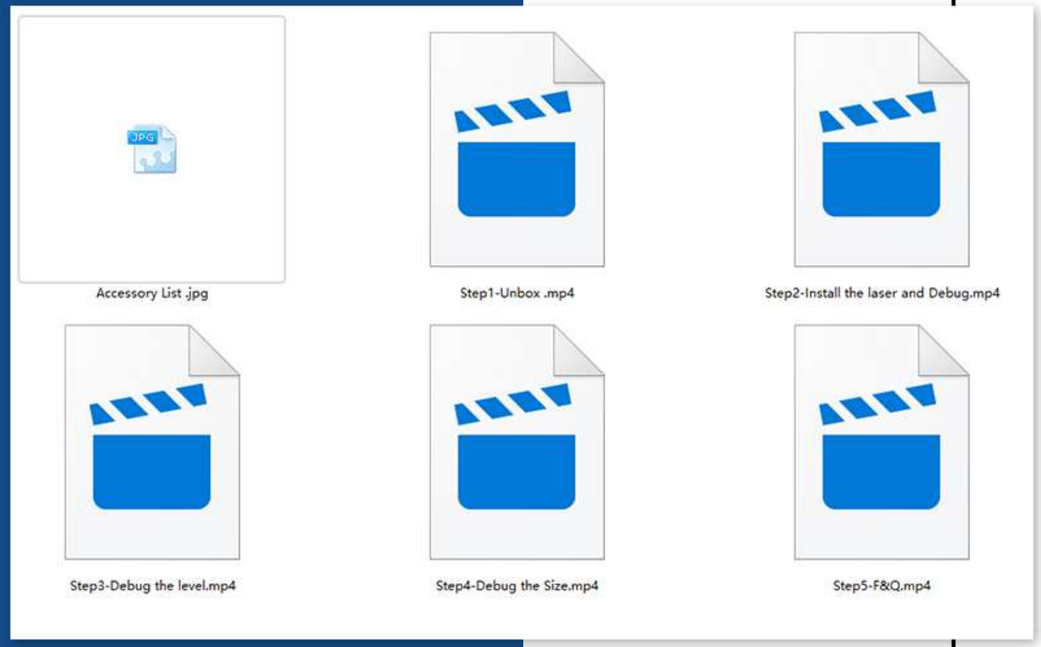
Showroom

Company Qualification

Authoritative certification and quality assurance

After-Sales Guarantee

Perfect after-sales service system



A series of installation instructional videos

Installation services

Provide Remote Installation Service

Professional software and hands-on training

3D printer operation tutorial
3D printing software operation tutorial

Remote & Online 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