

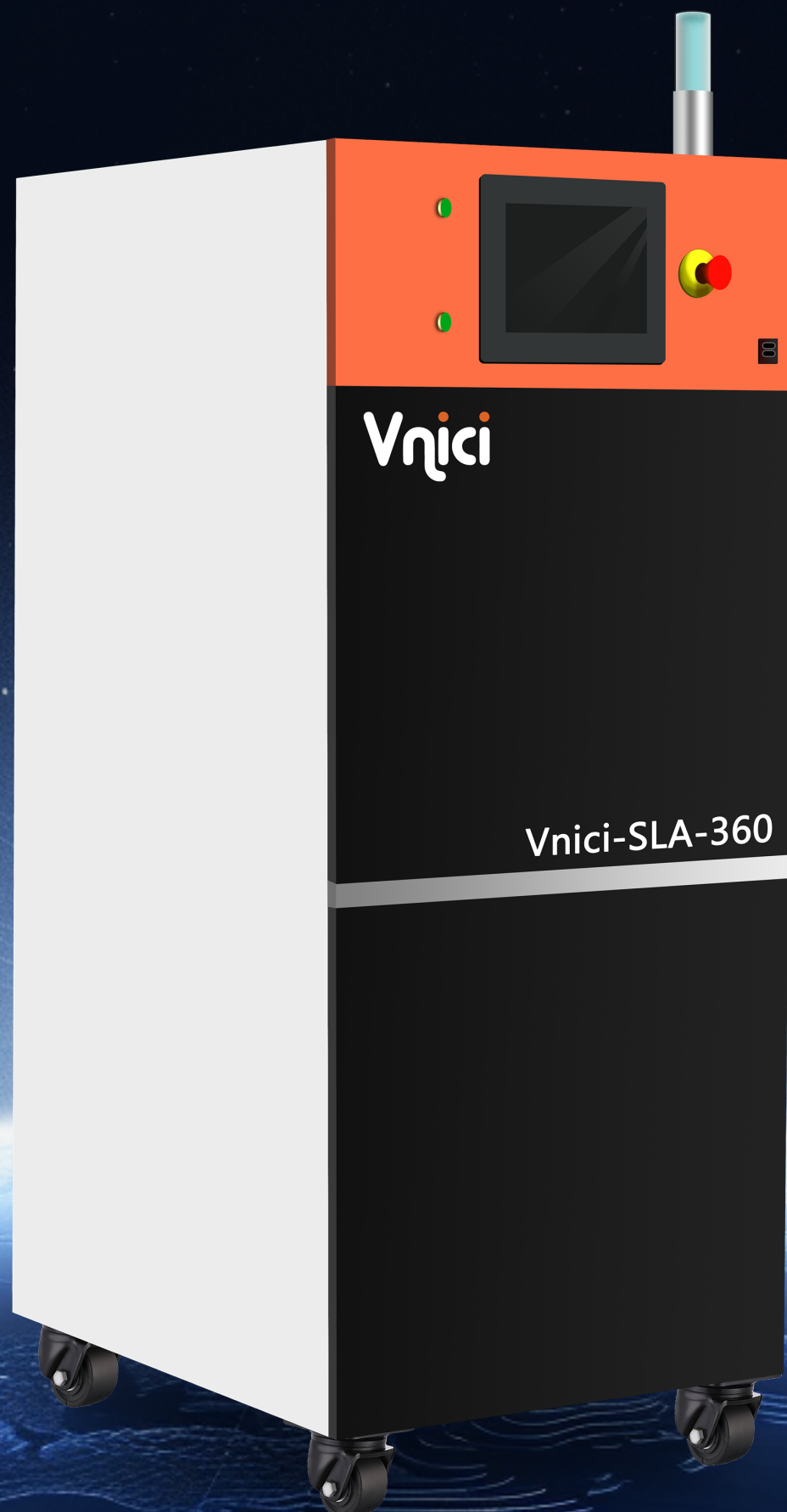


Industrial SLA 3DPrinter Vnici-SLA-360

R&D Accelerator

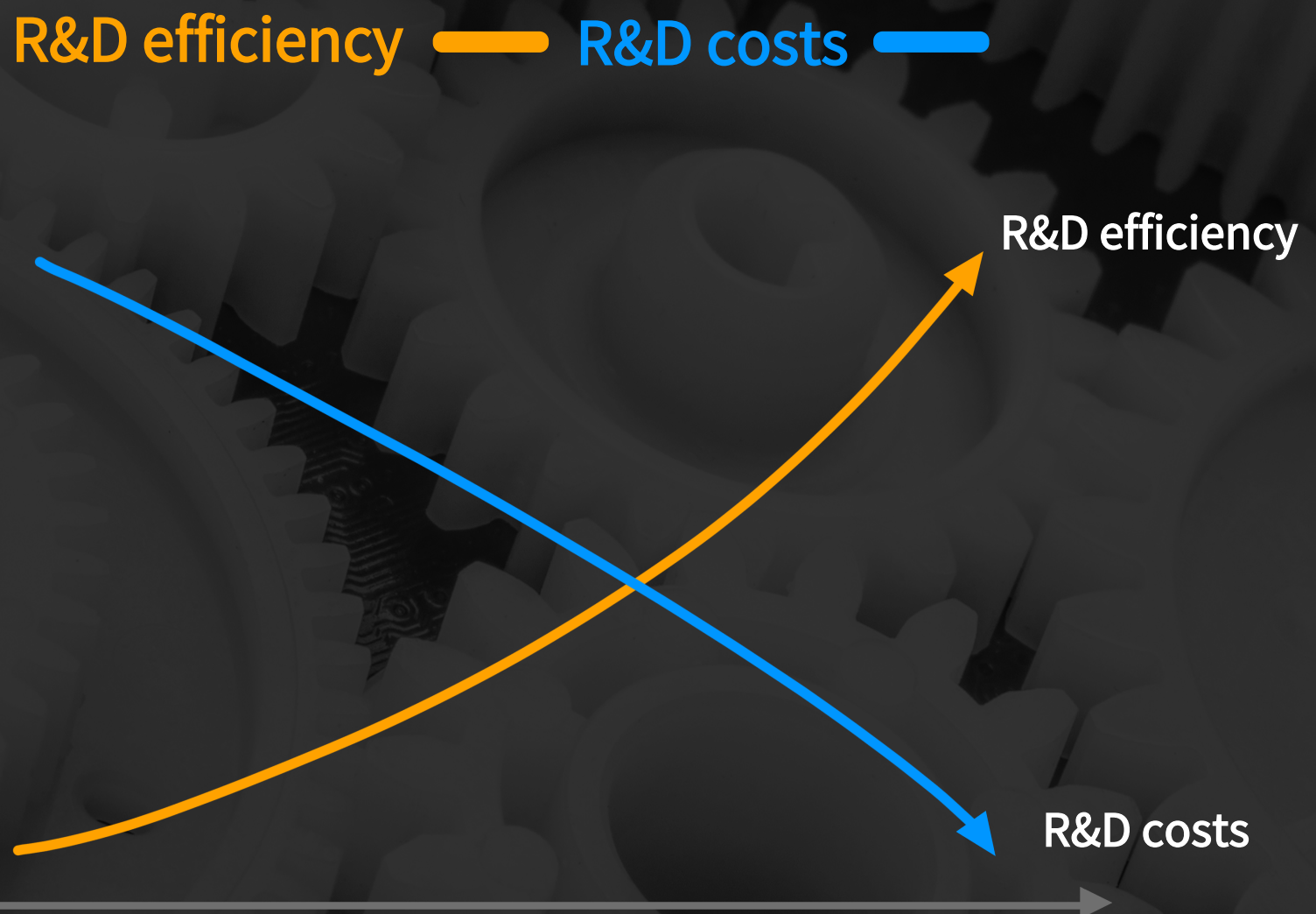


Accelerate Prototype Iteration
Improve New Product R&D Efficiency



Excellent Technical R&D Acceleration

Infinite innovation **shorten R&D cycle** control costs



*The comparison chart shows the comparison of production time and machining process using a 3D printer under the same model conditions, as well as the comparison of cost accounting data.

*Data source Vnici Digital Laboratory.

3D Printer SLA-360

Refreshed Whole Machine Flexible Deployment

The new appearance is smaller in size, takes up less space, and is convenient for placement and movement
The appearance size is 70X80X170cm



SLA-360 is suitable for rapid deployment
in various environments



Can Enter The Elevator

Easy access to conventional
commercial elevators



Can Enter The Building And Office

Easy access to building/office, etc

3D Printer SLA-360

Rapid Creator Innovative Craftsman

Tailor-made for R&D, 360*360*300mm printing size
Realize rapid R&D verification

Vnici

300mm

360mm

360mm

Vnici-SLA-360

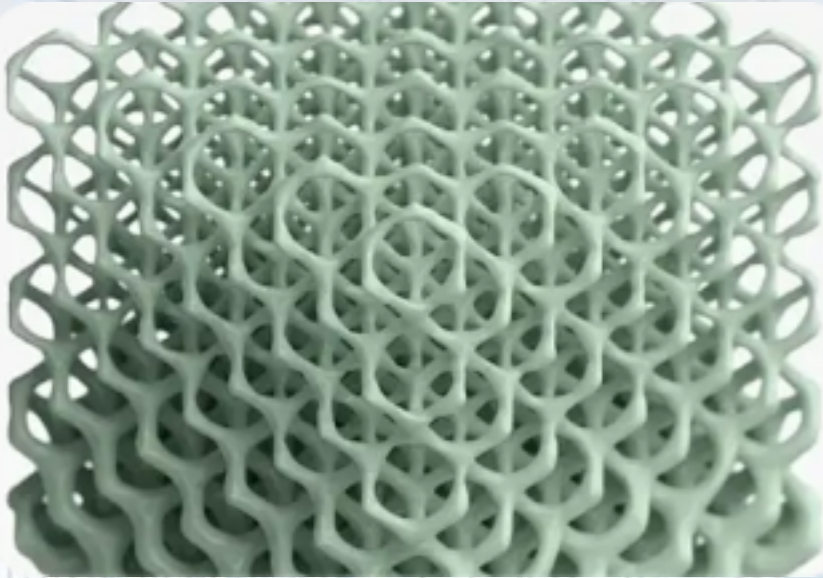
SLA 3D Printer



Ordinary Printer(FDM)

Photopolymerization curing molding, with smooth surface, very close to mass-produced injection-molded products, higher grade

Ordinary Printer (FDM) adopts thermal stacking principle, with poor precision and obvious stacking texture



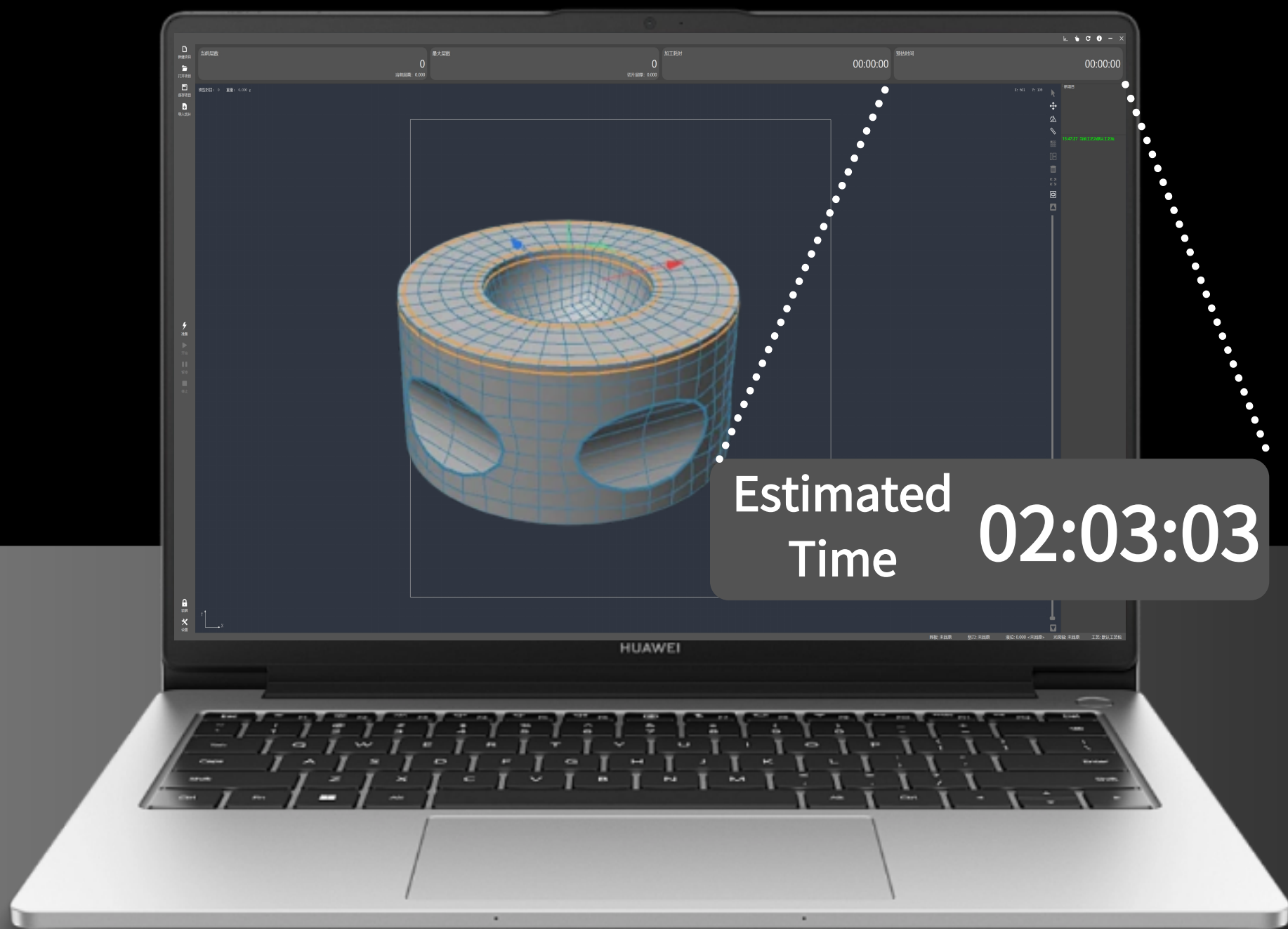
1. Photopolymerization curing molding, fast printing speed and high precision
2. Smooth printing, with smooth surface of finished products
3. The printed products have natural luster and are more exquisite
4. Simple mechanical structure, easy maintenance and low cost
5. High printing success rate, avoiding FDM problems
6. No exposed high-temperature working parts in the whole machine
7. Long service life
8. Printed parts can be both hard and soft, more solid, with diverse materials

1. Thermal stacking printing, with obvious stacking texture and unnatural transition
2. Unnatural surface luster
3. Low printing precision
4. Complex mechanical structure, very high calibration and maintenance costs
5. May have faults such as wire drawing, detachment from the base, layer separation, and nozzle blockage
6. The print head works at high temperature, with certain dangers
7. Short service life of the whole machine
8. Few materials, one model cannot be applied to different materials

3D Printer SLA-360

Simple Operation Can Estimate Printing Time

File selection, one click printing, full control



6-Hour

Structural engineers can get started within 6 hours.

The software interface intuitively displays key printing parameters.



Electronic Tool Shell Model
Internal Complex Structure

3D Printer SLA-360

Comprehensive Acceleration Of R&D Verification

SLA-360 is compatible with multiple resins, efficiently printing complex structures. Personalized printing settings enable accurate and rapid prototyping.

Crafts

21X20X10cm



Printing
Duration

4 Hours And
58 Minutes

56% efficiency improvement
(compared with other
processes)

3C electronics

12X7X3.5cm



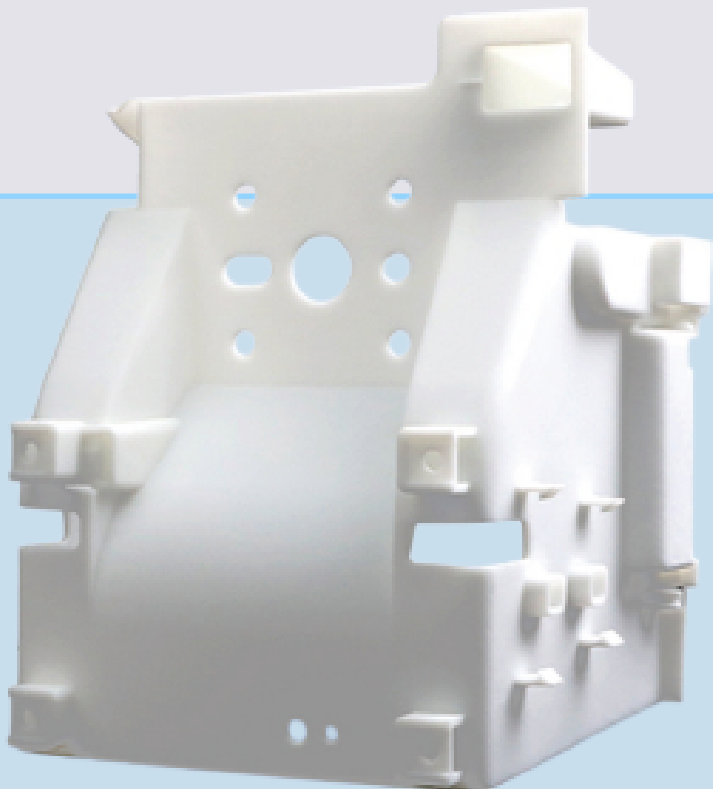
Printing
Duration

40 Minutes

78% efficiency improvement
(compared with other
processes)

Industrial parts

16X9X20cm



Printing
Duration

3 hours and
09 minutes

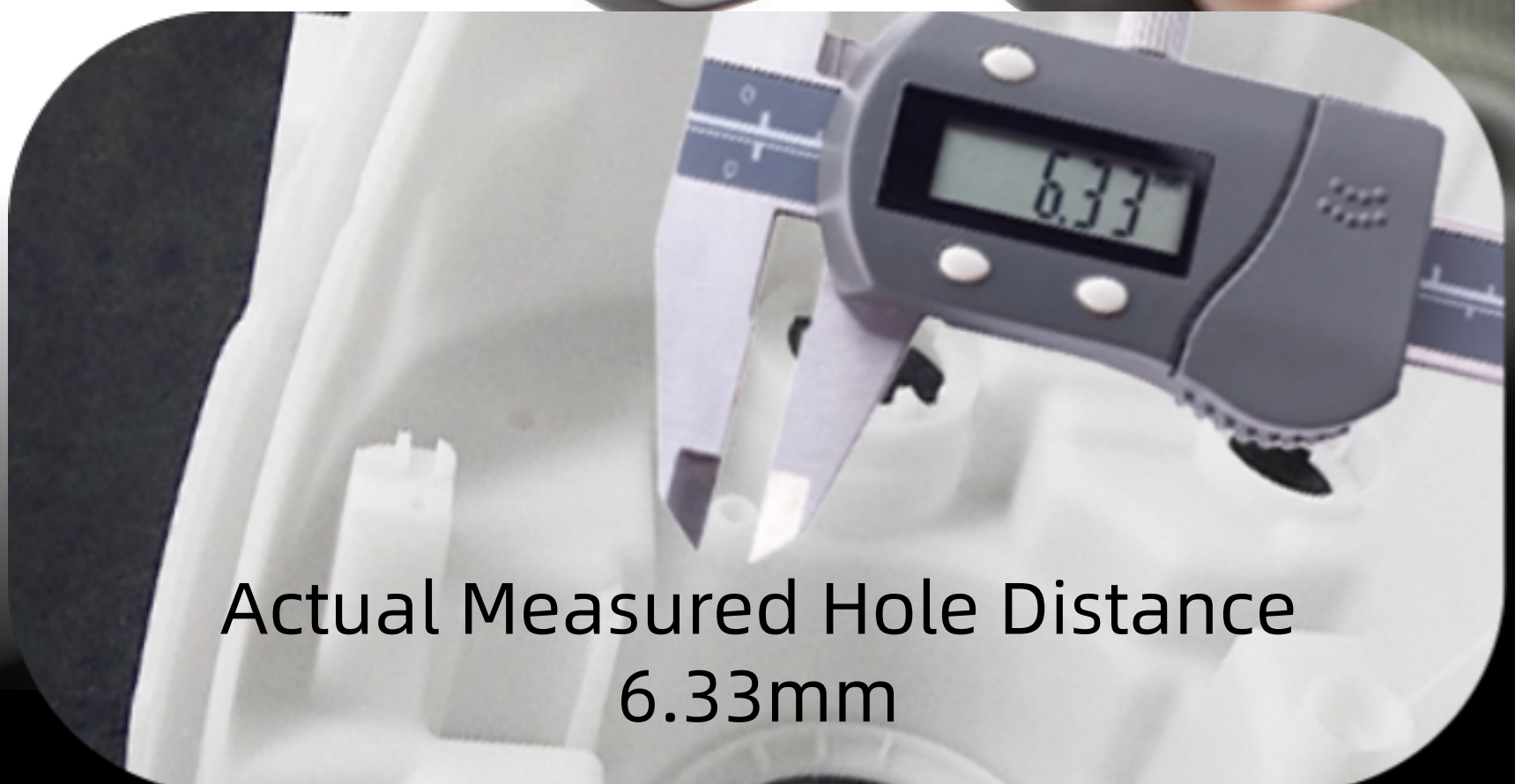
43% efficiency improvement
(compared with other
processes)

*Data source Vnici Digital Laboratory.

3D Printer SLA-360

Used For Handboard Production Precise Assembly

3D printed models have high dimensional accuracy,
enabling rapid verification of product structure



Actual Measured Hole Distance
6.33mm

Tolerance: $\pm 0.1\text{mm}$

3D Printer SLA-360

Printed Models Have Smooth And Delicate Surfaces

Photocuring 3D printed models have high surface finish without obvious layer lines



Wide Material Compatibility To Meet Diverse Needs

Multiple materials and colors to unleash design potential. Supports consumables with various properties; meets the needs of different materials; fully satisfies the needs of customers in various industries for material particularities.



3DPrinter SLA-360

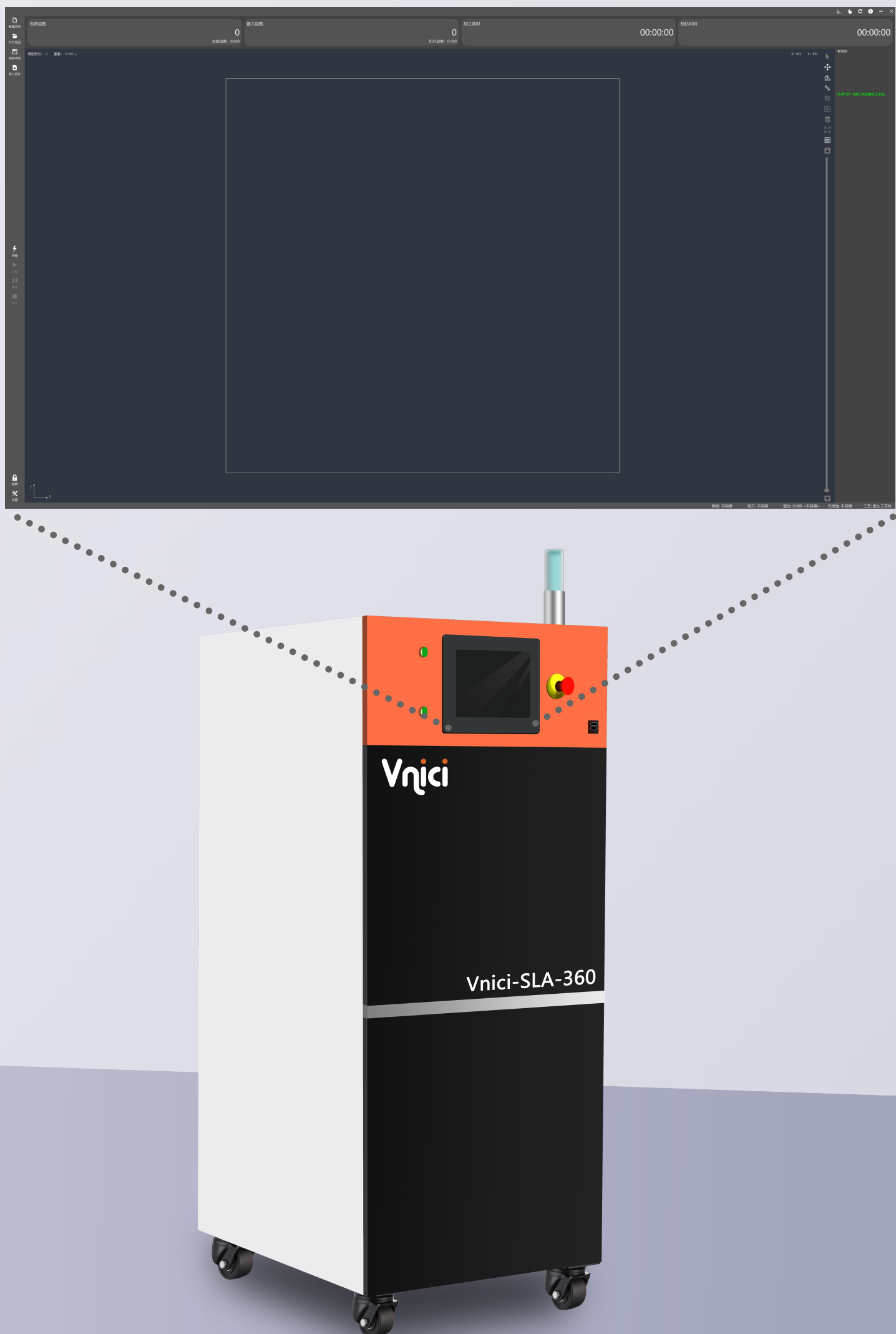
- | | |
|----------------------------------|---|
| ✓ High Material Utilization Rate | Precise dosage control helps save costs |
| ✓ High R&D Efficiency | Rapid realization of design changes helps save time |
| ✓ Personalized Customization | Meets the needs of different application fields, making each product unique |

Applicable Materials: engineering resin / high-temperature resistant resin / transparent resin / rigid resin / casting resin / tough resin

3D Printer SLA-360

Intelligent Control System For Precise Manipulation And Optimized SLA Printing Process

This system greatly enhances the performance and stability of SLA 3D printers, bringing users an intelligent and simplified printing experience, and effectively shortening the conversion cycle from design draft to finished product



Model Visualization

Real - time monitoring of printing status and progress!

Intelligent Typesetting

One - click import and automatic arrangement of multiple model files, supporting simultaneous printing, significantly saving time!

Laser Power Monitoring

Real - time monitoring of laser performance and service life to ensure continuous and stable operation!

Parameter Preset

Provide preset parameter packages, simplify operations, and enhance user experience!

Strategy Optimization

Automatically adjust printing strategies to achieve the best precision!

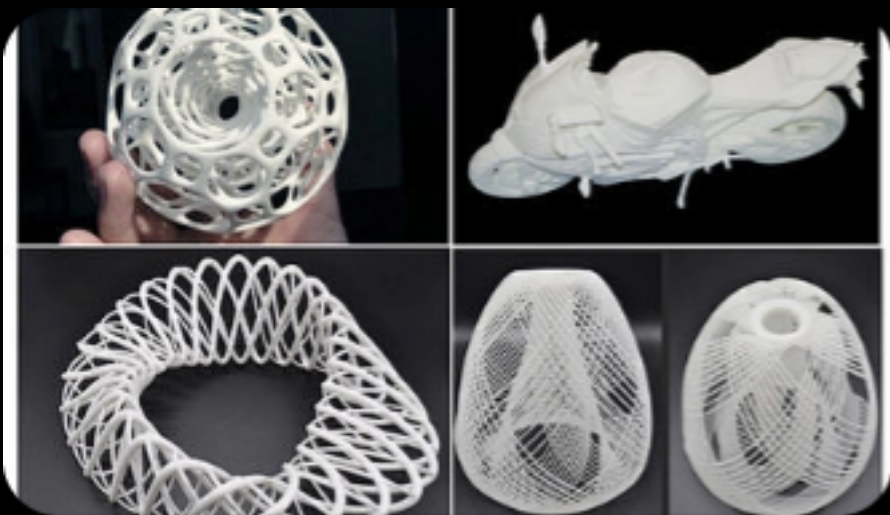
Cost Intelligent Calculation

Intelligently calculate the required resin amount, facilitating cost management!

Support Various Fields Industry Application

Support Various Fields Industry Application

SLA photosensitive resin 3D printing is a widely used 3D printing technology in industry, which is widely applied in many fields such as handboard models, prototype production, medical guides, and art figures. It effectively shortens the R&D cycle, improves work efficiency, and reduces R&D costs.



Product Design And Manufacturing Industry

SLA 3D printing technology is widely used to manufacture prototypes of complex shapes, which can be formed in one piece without assembly



Industrial Handboard Mold Design

Industrial product design can quickly detect the rationality of design through SLA 3D printing



Biomedical Industry

SLA printers can be used to manufacture customized surgical models for preoperative simulation training, or to manufacture personalized medical devices such as hearing aids



Dental Industry

SLA printers can print high-precision tooth models for preoperative model treatment to achieve precise positioning during surgery



Foundry Industry

It eliminates the mold opening process, and is a rapid prototyping technology that can meet the requirements of foundry industry for precision and surface quality, with high success rate and better environmental protection



Automotive Industry

SLA 3D printers are often used to manufacture prototypes of auto parts for function and performance testing, and composite molds can be made in a short time



Construction Industry

It helps architects and designers better understand designs and ideas, and can play an important role in display and marketing



Animation And Toy Industry

Whether it is animation characters, game figures or original shapes, 3D printing technology can accurately reproduce every detail, making toy models more unique



Aerospace And Military Industry

It is used to manufacture lightweight and complex parts, as well as parts and models of military equipment, to quickly verify the rationality of design through prototyping



Education Industry

It is used to manufacture various teaching models and experimental equipment, improve teaching efficiency, enrich teaching methods, and is widely used in colleges and research institutions

Service & Support

Committed To Ensuring Higher Service Quality

What you are worried about is what we have been paying attention to. Vnici Digital meticulously manufactures and strictly controls product quality and improves after-sales service. Each key component and structure has undergone tens of thousands of tests to pursue excellence, only to ensure stable product quality, durability, and high success rate. You can use it with confidence.



Professional Training & After - sales Service

Provide comprehensive technical training and responsive after-sales service to ensure smooth operation of your equipment.



Customized Solutions

Provide personalized customization solutions according to your specific needs to help your project succeed.



Continuous Technical Upgrades

Regular software updates and technical support to ensure that your equipment and applications are always leading.

Equipment Parameters

SLA Industrial 3D Printer SLA-360

Specifications	Model	Vnici-SLA-360
	Appearance Dimensions	700*800*1700mm
	Net Weight	320kg
	Machine Power	350W
Laser System	Laser Quantity	1
	Laser Type	Diode-Pumped Solid-State Laser Nd:YVO ₄
	Laser Wavelength	355nm
	Laser Power	5W
Optical Scanning System	Spot Diameter	0.06-0.8mm
	Scanning System	High - speed Galvanometer Scanning System
	Part Scanning Speed	Recommended 6m/s
	Jumping Speed Of Parts	Recommended 10m/s
	Reference Production Speed	200-500g/h
Coating System	Coating Method	Precision Positioning - Vacuum Adsorption
	Normal Layer Thickness	0.1mm
	Rapid Layer Thickness	0.15mm
	Precision Layer Thickness	0.05mm
	Characteristic Layer Thickness	0.05mm-0.15mm(Selectable)
Resin Tank	Resin Tank Capacity	Approximately75kg
	Maximum Forming Size	360*360*300mm
Lifting System	Basic Platform	Casting Reference Platform
	Repeat Positioning Accuracy	±0.01mm
	Maximum Part Weight	8kg