



Industrial SLA 3D Printer

Small-Batch Production Manufacturing

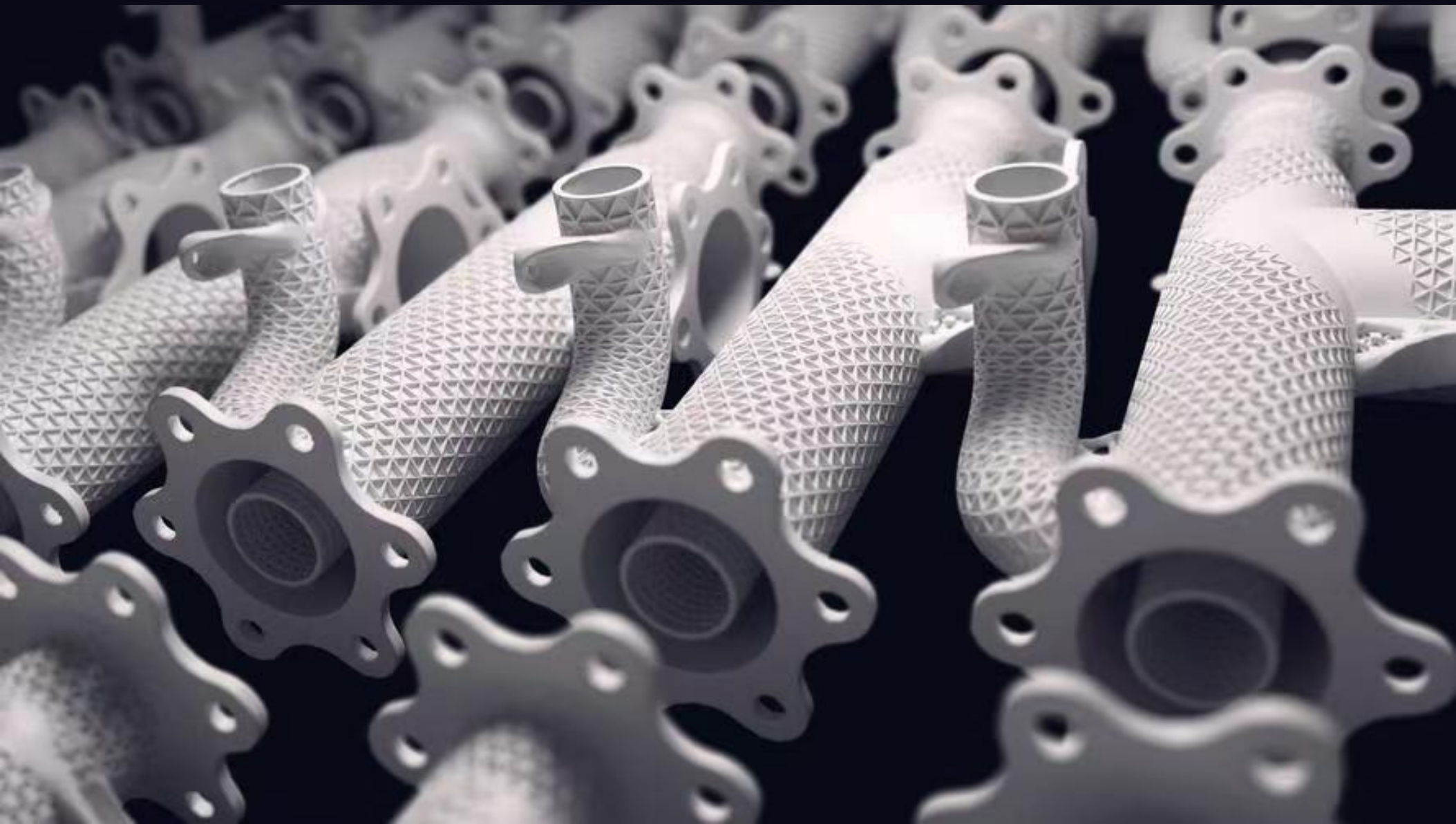
Accelerate Enterprise Flexible Manufacturing

Vnici-SLA-800

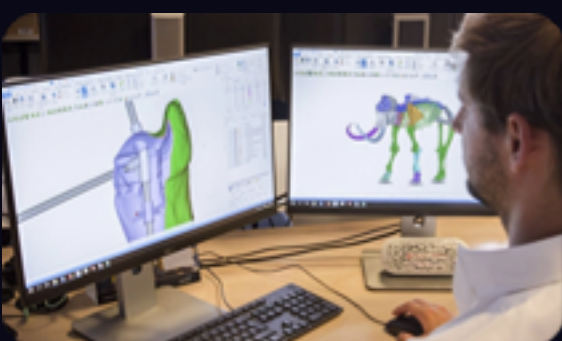


Small-batch Customization Mass Production Demand

The SLA-800 3D Printer can flexibly
produce and quickly meet the small-batch
needs of diversified customers



Process of Customized Unique 3D Printing Products -
Small-batch Production and Manufacturing



Slicing



SLA-800 Printing



Small-batch Printing
and Forming

3D Printer SLA-800

Large Size Meeting Small-batch Production

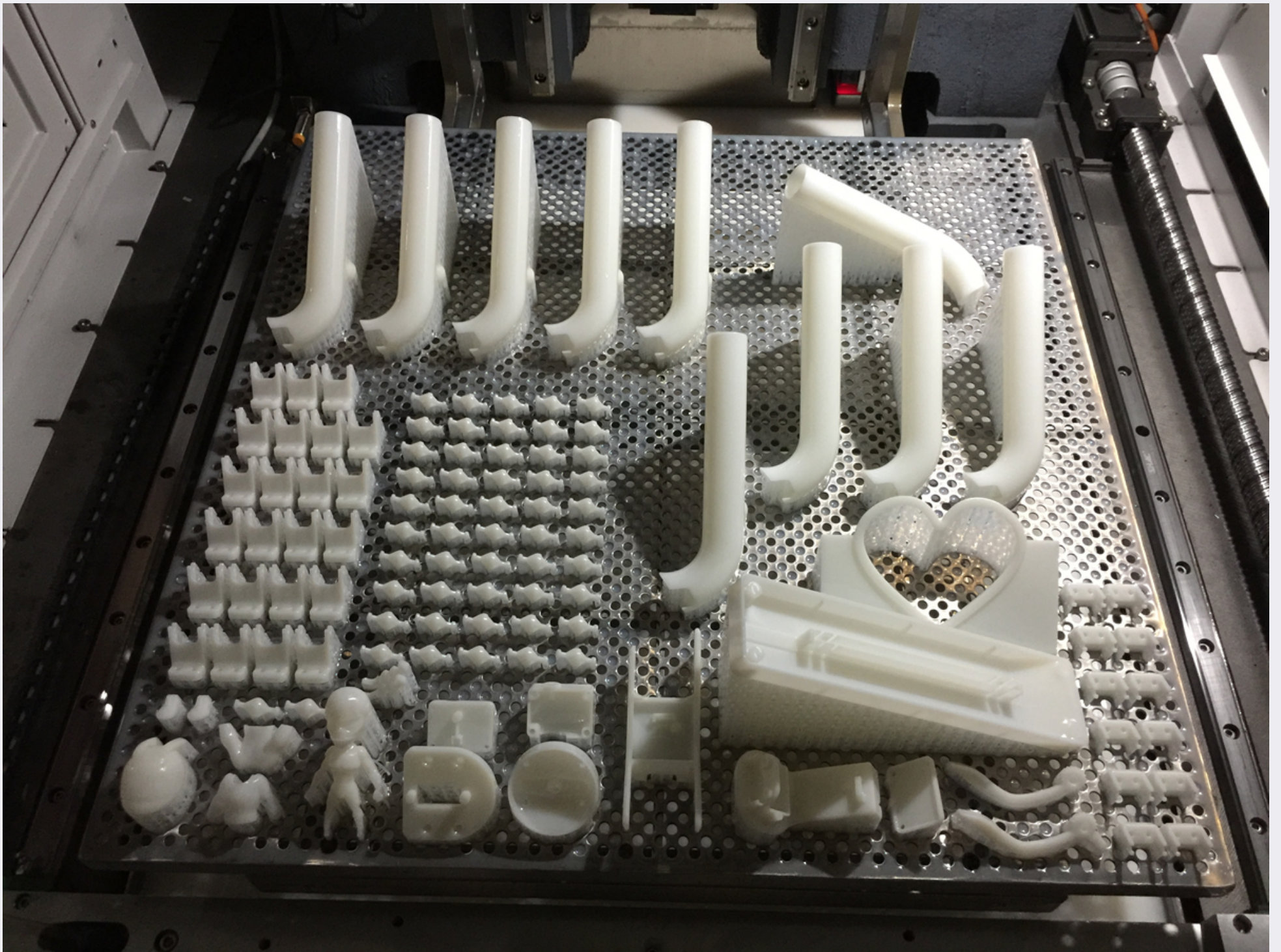
800X800X500mm, providing larger
production space for small-batch production



3D Printer SLA-800

Orders With Less Than 100 Pieces Can Also Be Accepted

SLA-800's small-batch production solves the problem of small single-product production volume and enhances the core competitiveness of enterprises



Industrial parts manufactured in small batches using the SLA-800 3D Printer

3D Printer SLA-800

Realize Small-batch Production Without mould tooling

No need for mold opening in the early stage; using 3D printing, the SLA-800 can directly produce, quickly realizing small-batch production



SLA-800 print platform

No Mold Opening
Direct Printing



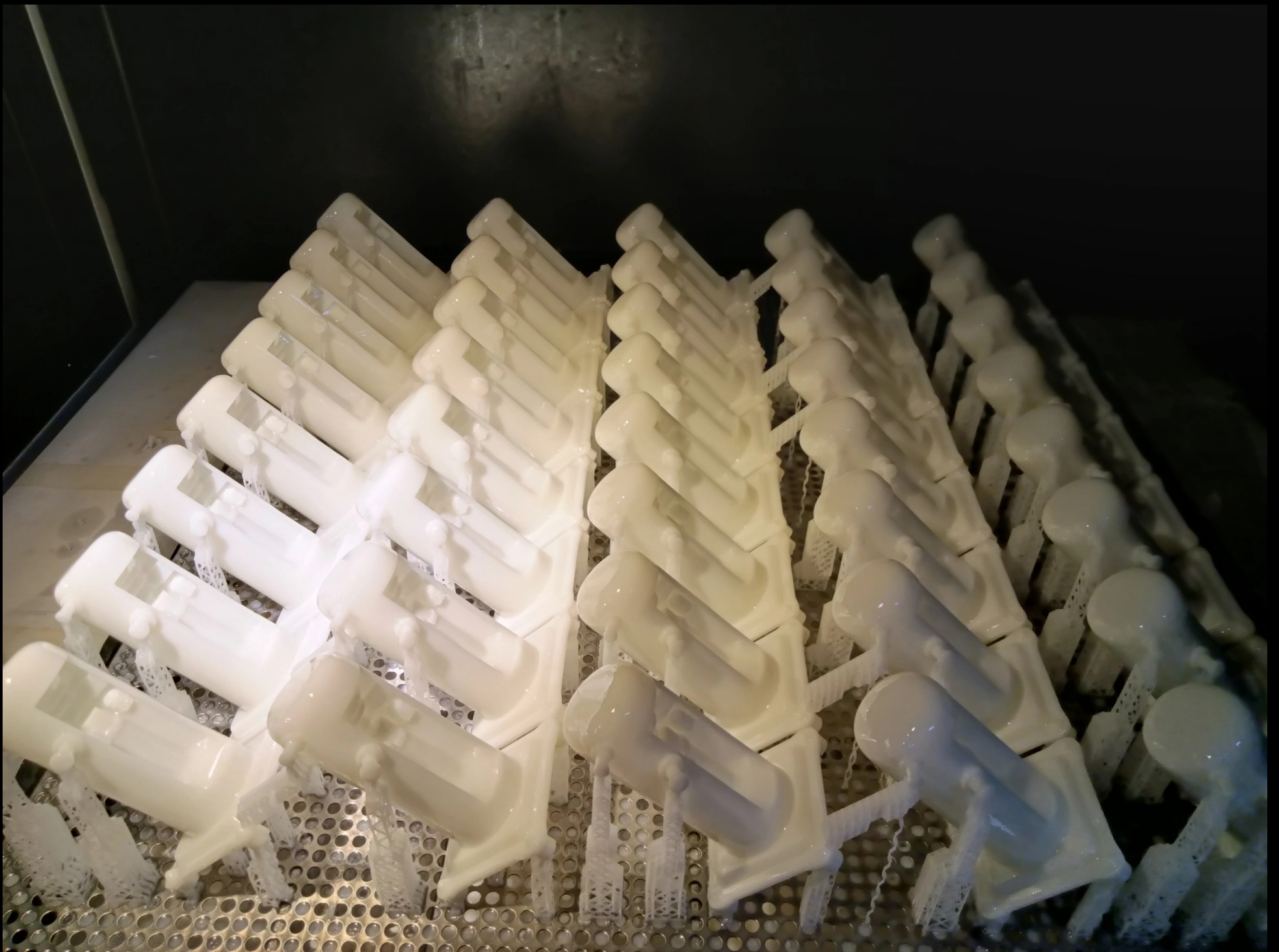
SLA-800 print platform

Flexible Printing
Small-batch On-demand Production

3D Printer SLA-800

Simplify Complex Processes Easily Realize Mass Production of Innovative Designs

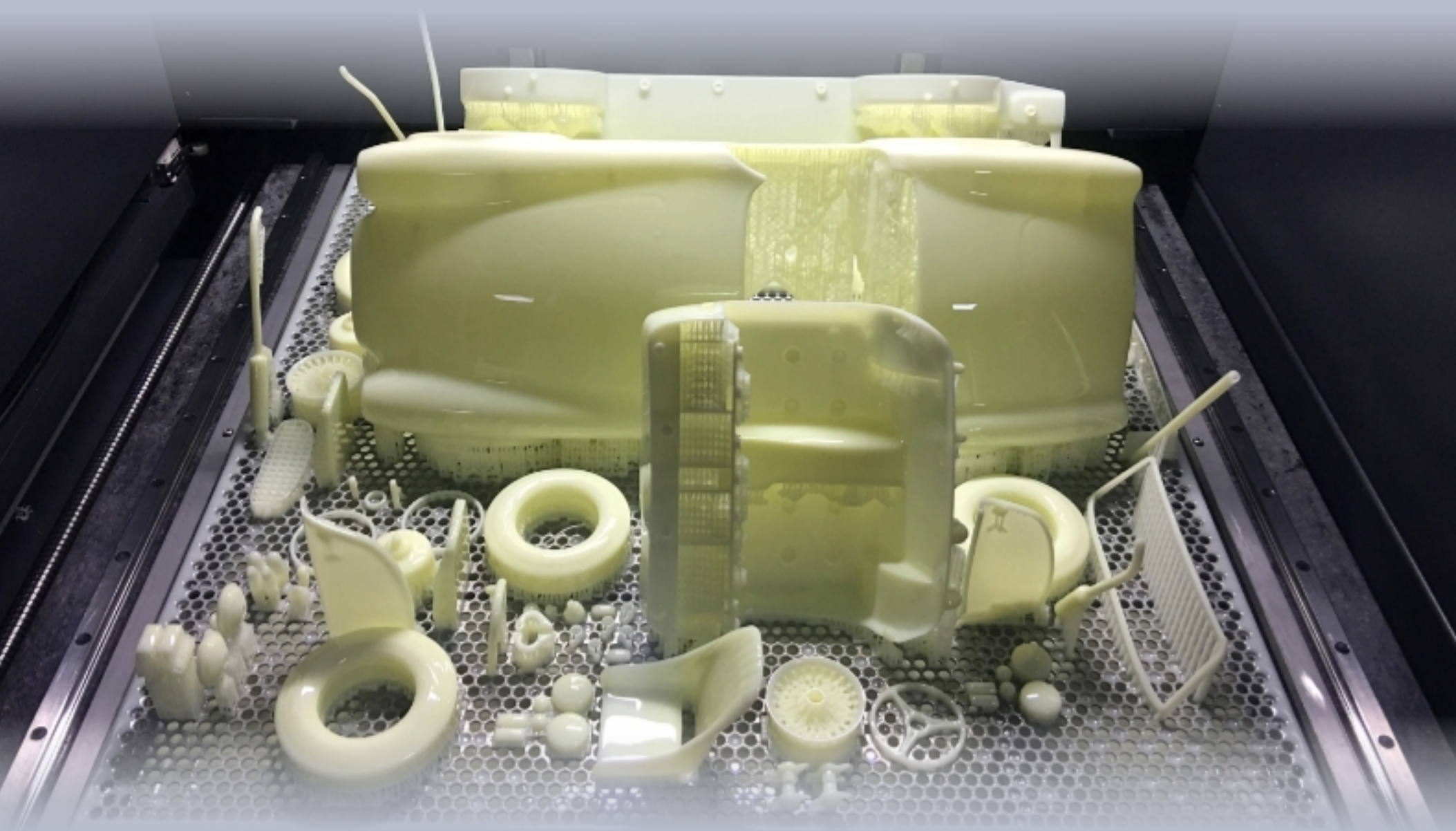
No longer limited by processes, realize innovative designs. The SLA-800 makes mass production of clever structures simple



3D Printer SLA-800

New Products Easily Realize Rapid Small-batch Production

Utilize the SLA-800's 3D printing flexible manufacturing to quickly verify market demand and flexibly produce new products in different quantities



Speed Up
by

80%

(Data source: Vnici
Digital R&D Testing)

Quickly respond to market changes, with convenient and fast design modifications. The production cycle is accelerated by 80%, meeting the demand for rapid small-batch production of less than 3,000 pieces!

3D Printer SLA-800

Continuous and Stable Operation with an Accuracy of Up to $\pm 0.1\text{mm}$

High stability ensures high-quality small-batch production

Over **200,000** Hours

The global daily basic operation exceeds
200,000 hours (this data continues to grow)

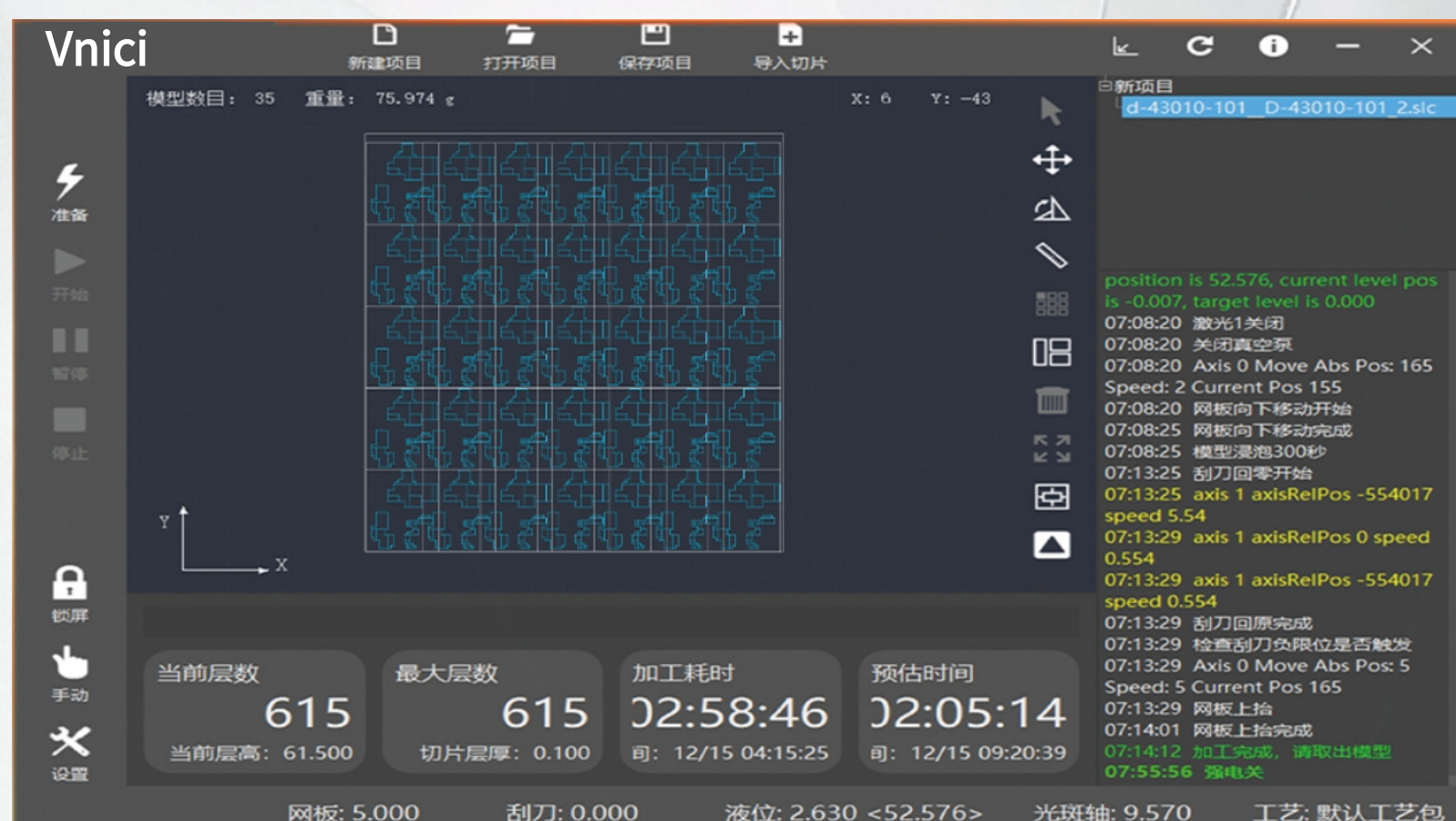
Data source: Global user survey by Vnici Digital.



3D Printer SLA-800

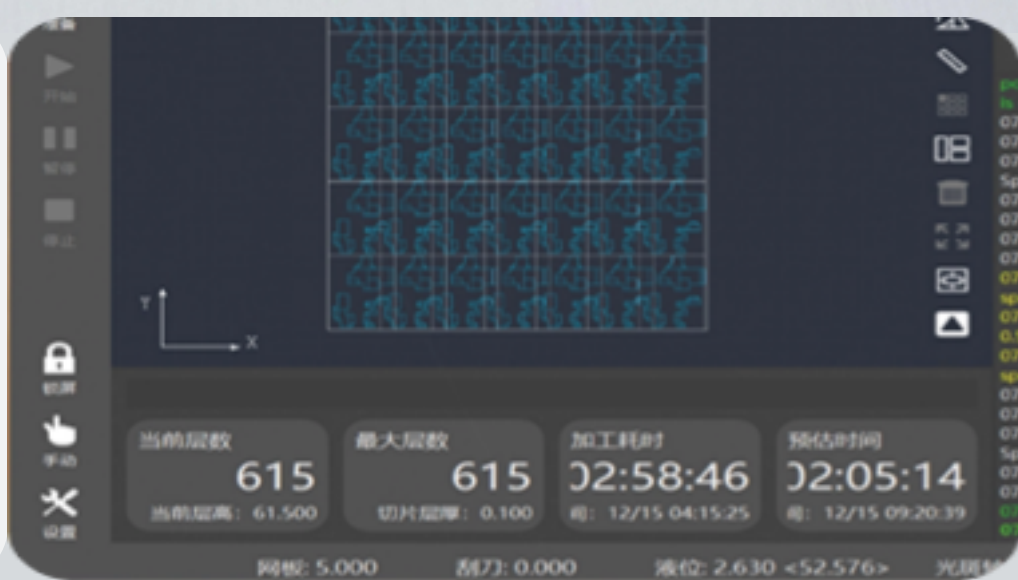
Intelligent Control System Precise Control Optimizing SLA Printing Workflow

Import multiple model files at one time, and the system automatically arranges them, bringing a more intelligent and simplified printing experience and shortening the production cycle



Model Visualization

Real-time Monitoring
of printing status and
progress!



Smart Layout

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

Laser Power Monitoring

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

Preset Parameters

Provide preset parameter packages to simplify operations and improve user experience!

Strategy Optimization

Automatically adjust printing strategies to achieve optimal accuracy!

Intelligent Cost Calculation

Intelligently calculate the required resin amount for cost management!

3D Printer SLA-800

Wide Material Compatibility to Meet Diverse Needs

Cross material boundaries to achieve multi-functional applications



High Material Utilization

Precise Dosage Control
Save 90% of Costs in
One Year



Personalized Customization

Meeting demands across
various fields—every
product can be unique

Case Models

Automotive parts models, electronic product models, electrical products (medical), mold models, mechanical equipment parts, etc.



Automotive Parts



Industrial Parts



Mechanical Equipment Parts



Electrical Products

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

Industrial 3D Printer SLA-800

Specifications	Model	Vnici-SLA-800
	Appearance Dimensions	1380*1500*2235mm
	Net Weight	1500KG
	Machine Power	650W
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	0.2mm
	Precision Layer Thickness	0.05mm
	Characteristic Layer Thickness	0.05mm-0.15mm(Selectable)
Resin Tank	Resin Tank Capacity	Approximately520kg
	Maximum Forming Size	800*800*500mm
Lifting System	Basic Platform	Casting Reference Platform
	Repeat Positioning Accuracy	±0.01mm
	Maximum Part Weight	80kg