

TPM3D

Selective Laser Sintering AM System
Dedicated for Industrial Applications

Since 1999

Build Different

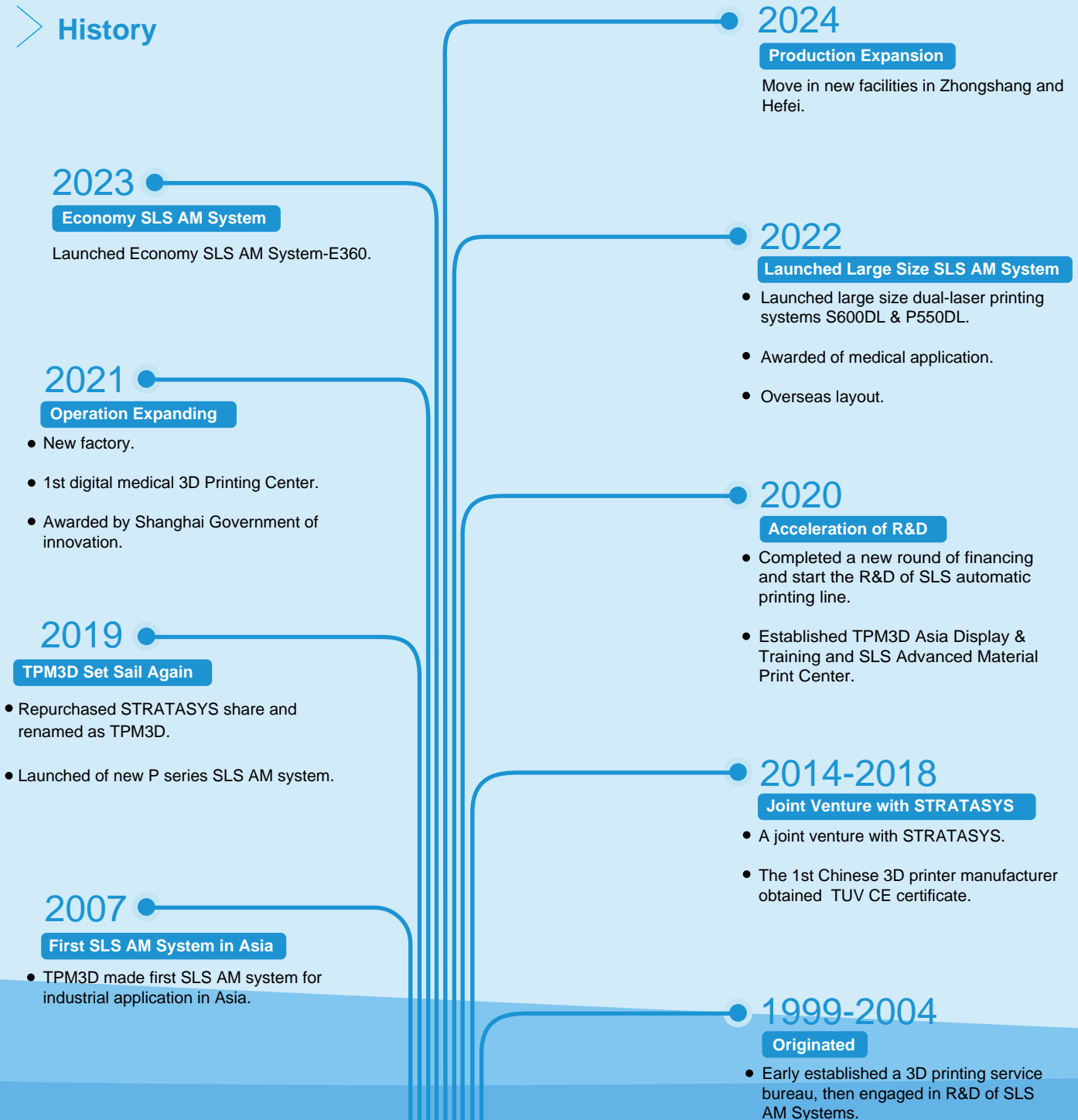
Profile - Over 20 years' experience in 3D printing

Originated in 1999, TPM 3D has been dedicated to the research and application of 3D printing technology, specializing in selective laser sintering (SLS) additive manufacturing technology. After years of development, it has become a leading manufacturer of 3D printing equipment. Headquartered in Shanghai, the company also has a business center in Beijing, a research and operations center in Guangdong province, a printing service center in Jiangsu province, and a manufacturing center in Anhui province, forming a nationwide service network.

TPM 3D integrates the research, production, sales, and application development of equipment and materials, as well as providing customized output and 3D printing services. Our experienced technical R&D team is composed of key personnel with 20 years of extensive experience, and holding more than 70 national patents for the industrial-grade laser sintering AM system, as well as high-efficiency printing materials, placing our 3D printing systems and materials at the forefront of technology.

Our products are not only well-known in the domestic market but also exported to overseas markets in Europe, the Americas, and Asia. And they are widely used in various fields including automotive, consumer electronics, medical, prototyping, educational and cultural creative industries, aerospace, and more. TPM 3D is committed to providing users with efficient, stable, and safe intelligent 3D printing solutions, supporting innovation and advancement across industries.

History



TPM3D Product Series

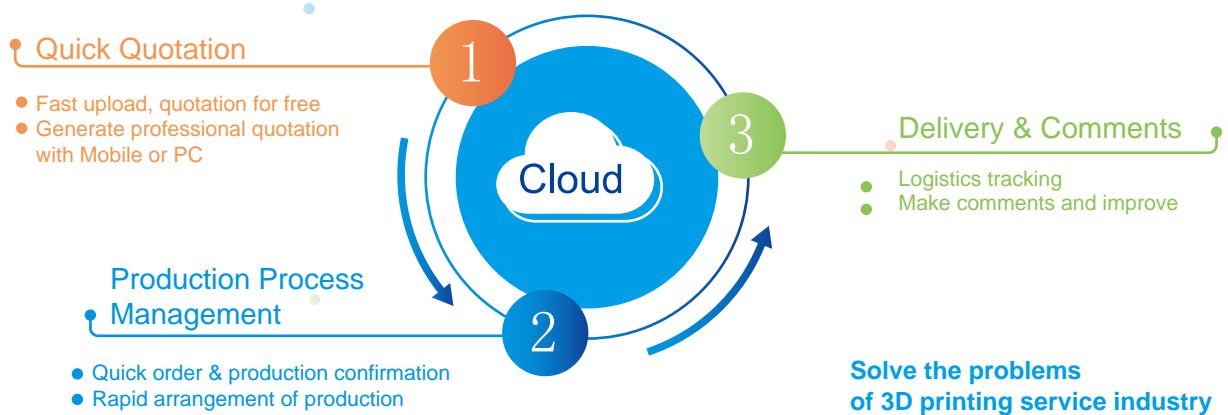
Laser Sintering 3D Printing Systems



Specialized Polymer Materials



Best Print - 3D Printing Information Management Platform



TPM3D Superior – S series

S series is the industrial SLS system that R&D and manufacture by the deep cooperation between TPM3D technology team and Stratasys expert team in accordance with EU safety standard, and is TUV CE certified.



Models

- TPM3D S260 (260 X 260 X 450mm)
- TPM3D S360 (360 X 360 X 600mm)
- TPM3D S480 (480 X 480 X 600mm)
- TPM3D S600DL (600 X 600 X 800mm)
- TPM3D S320HT (320 X 320 X 380mm)

Recommended to

- High-end users
- Users with CE compliant request

Materials Range

- PA11 , PA12 , PA6X, PP, PB T, TPU, PS, PEEK
- Black, White, and customized colours

Standard

- Built-in smoke filter module, active cooling and oxygen concentration detection module
- Parts & Powder Processing Station (V3.0 PPS)

Optional

- External smoke filter module
- S150HT and S320HT can choose Open Breakout Station
- Software: VoxelDance Additive (TPM3D version)

Features

- PL-e Safety performance based on ISO 12100 & ISO 14121 Standards
- CE Certificate approved by TÜV Rheinland

TPM3D Performance – P series

P-Series is a new-generation of additive manufacturing system for Asian customers, featuring with high reliability, cost-effective performance and high printing speed.



Models

- P360 (360 X 360 X 600mm)
- P550DL (550 X 550 X 850mm)

Applicable for

- Industrial Applications
- Service Bureaus
- Medical Applications
- Education
- Materials Development

Materials Range

- PA11, PA12, PA6X, PBT, PP, TPU
- Black, White, and customized colours

Standard

- Parts & Powder Processing Station (V3.0 PPS)

Optional

- Built - in filter for exhaust gas,
- Oxygen detector module
- Air Compressor
- Software: VoxelDance Additive (TPM3D version)

Features

- PL-d Safety performance based on ISO 12100 & ISO 14121 Standards
- High speed & cost effective
- Reliable & durable powder recoating system
- Compact size
- Designed and manufactured in accordance with GB5226.1 & GB15706 standards

Part & Powder Processing Station (PPS)

- The powerful machine for SLS laser sintering 3D printer.
- Function integration of parts cleaning, powder recycling, adding, mixing, feeding, and dust collecting.



Specialized Polymer Powder

TPM3D SLS materials with the features of stability, non-toxic, and good mechanical strength, can be used in a wide temperature range with good flowability while there is no need for dehumidification before use. The sintered parts are also stable in size and color with good mechanical properties, and they can be easily polished, bonded, heat-welded and dyed.

Rapid-Prototyping Series



Bright White/Ash Black PA12



Grey-Yellow Glass Filled PA12



Aluminium Filled PA12



White/Black TPU 88A

Special Application



White PA12 (Medical)

High Performance Production Series



White PA11



Black PA11



Grey-Black Glass Filled PA12



White TPU



Ash Black PA6

Common High Performance Polymer Powder :			
White PA11	Precimid1180	Yellow PA12 Elastomer	Precimid1170 RL
Grey-Black PA11	Precimid1180 BLK	White TPU 80A	Precimid1130 80A
White PA12	Precimid1171Pro	Black TPU 80A	Precimid1130 80A BLK
Metallic Grey Aluminum Filled PA12	Precimid1171Pro AF40	White TPU 88A	Precimid1130 88A
Ash Black Flame Retartant PA12	Precimid1171 FR BLK	White TPU 90A	Precimid1130 90A
Grey-Black Glass Filled PA12	Precimid1171 GF30 FR BLK	White TPU 92A	Precimid1130 92A
White PA12	Precimid1172Pro	White TPU 95A	Precimid1130 95A
Grey-Black PA12	Precimid1172Pro BLK	Black TPU 95A	Precimid1130 95A BLK
White Glass Filled PA12	Precimid1172Pro GF30		
Grey-Black PA12	Precimid1174Pro BLK		
Ash Black Aluminum Filed PA12	Precimid1174Pro AF30 BLK		
Grey-Black Glass Filled PA12	Precimid1174Pro GF30 BLK		
Grey-Black Glass Filled PA12	Precimid1174Pro GF50 BLK		
Grey-Black Carbon Fiber PA12	Precimid1174Pro CF15 BLK		
Grey-Black Glass Filled PA12	Precimid1174Pro GF40 BLK		
Grey-Black Reinforced PA6	PA6X BLK		

More materials to be released soon
For further information, please email us info@tpm3d.com

Best Print 3DP Order Management System

Best Print system is produced by TPM3D team with years of experience and powerful Alibaba cloud computing capabilities, it is a platform cross PC & Mobile. Aiming to help 3D printing service bureau improve the management ability dealing with mass 3D printing information, including online quotation, order contract issuing, parts graphics, logistics management, and statistical analysis of performance.



PC + Mobile Cross Platform



Quick Quotation
Fast upload, quotation for free
Generate quotation for mobile or PC

Production Process Management
Quick order & production confirmation
Rapid arrangement of production

Delivery & Comments
Logistics tracking
Make comments and improve

Sales Statistics
Detail information of order & payment
Quick statistics of sales data

Service

A Global Perspective



- China**
- Shanghai
 - Beijing
 - Jiangsu
 - Guangdong
 - Anhui

- Overseas**
- North America
 - Asia
 - Europe
 - Russia

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LinkedIn Account

TPM3D Website