


❖ From 1994, first known as LONGYUAN AFS  we specialize in additive manufacturing and the AM based rapid prototyping technologies.

- The company has over 400 employees, more than 20% R&D people.
- With more than 500 machine installations, the company is confident to offer the best quality and high added value to any customer.
- After 30 years of continuous R&D hard work, we master a wide variety of technologies, including SLS, SLM, BJ sand, BJ metal, rapid casting, lost wax casting etc.
- 3DPTEK has strong distribution network nationwide, and is actively expanding the international sales network.
- The company attracted several strategic investment and aim to launch IPO before 2027.



Typical customers:



Binder jetting Series

3DP Sand Printer



3DPTEK-J1600Pro / J1600Plus / J1800



3DPTEK-J2500 / J4000

BJ Binder Jetting Metal/Ceramic Printer



3DPTEK-J160R / J400P / J800P

Laser Series

SLM Metal 3D Printer



3C dedicated AFS-M400

AFS-M120X(T)



AFS-M260 / M300XAS

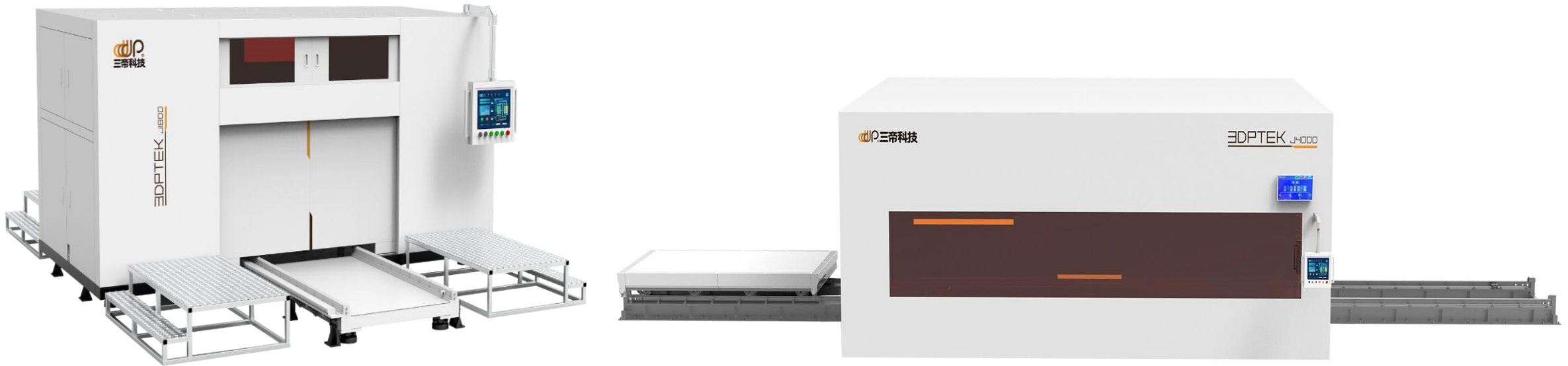
SLS Sand/Wax Printer



AFS-500

LaserCore-5300 / 6000

➤ Binder Jetting Sand Mold printer(3DP)

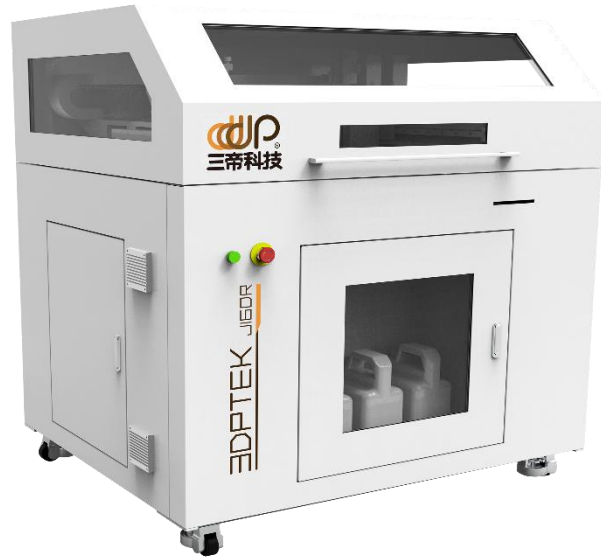


3DP Inkjet Sand Printer AFS-J1800

BJ Inkjet Metal Printer AFS-J4000

Equipment Type	3DPTEK-J1600Plus	3DPTEK-J1800	3DPTEK -J4000
Max Build Vol.	1560×1000×680mm	1800×1000×700mm	4000×2000×1000mm
Printing Speed	15-20s/Layer	20-25s/Layer	20-25s/Layer
Print Layer Thickness	0.2-0.5mm	0.2-0.5mm	0.03-0.2mm
Printing Accuracy	±0.3mm	±0.3mm	±0.3mm
Printhead Resolution	400dpi	400dpi	400×400dpi/800×800dpi

BJ Metal & Ceramics Equipment



3DPTEK-J160R



3DPTEK-J400P



3DPTEK-J800P

Equipment Type	3DPTEK-J160R	3DPTEK-J400P	3DPTEK-J800P
Max Build Vol.	160×65×65mm	380×380×300mm	800×500×400mm
Printing Speed	165cc/h	2.5-3.6 L/h	8-10L/h
Print Layer Thickness	0.2-0.5mm	0.2-0.5mm	0.03-0.2mm
Printing Accuracy	0.1	0.1	0.1
Printhead Resolution	400dpi	400dpi	400×400dpi/1200×1200dpi

➤ SLS Overview & Equipment



AFS-500



LaserCore-5300



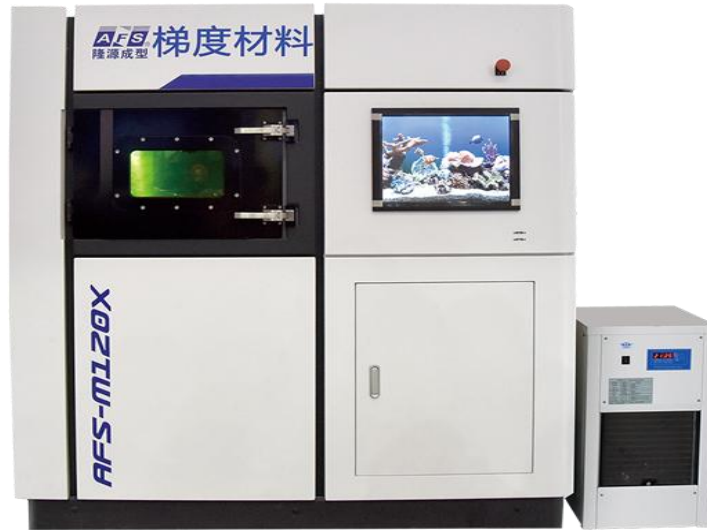
LaserCore-6000

Equipment Type	AFS-500	LaserCore-5300	LaserCore-6000
Forming Cylinder Size	500×500×500mm	700×700×500mm	1050×1050×650mm
Printing Speed	80-200cm ³ /h	80-300cm ³ /h	80-300cm ³ /h
Print Layer Thickness	0.08-0.35mm	0.08-0.35mm	0.08-0.35mm
Printing Accuracy	±0.1mm(≤100mm) ±0.1%(>100mm)	±0.1mm(≤100mm) ±0.1%(>100mm)	±0.1mm(≤100mm) ±0.1%(>100mm)
Printing Materials	Resin sand / fine casting mould material / engineering plastic	Resin sand / fine casting mould material / engineering plastic	Resin sand / fine casting mould material / engineering plastic

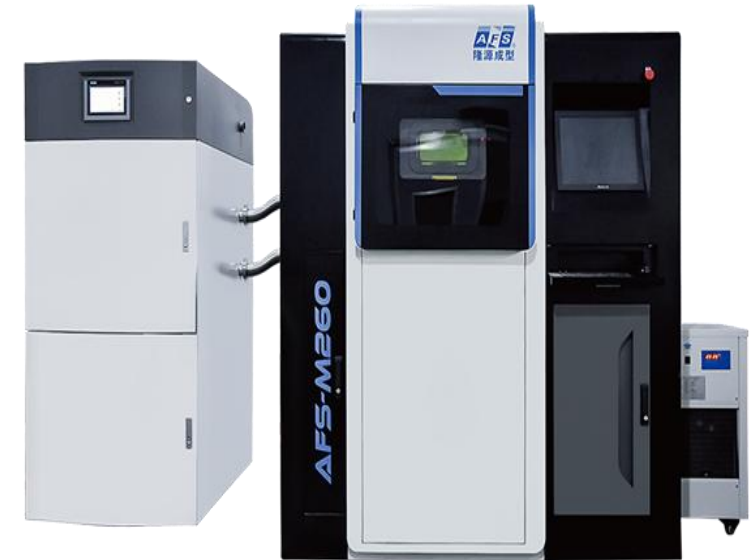
▶ SLM Overview & Equipment



AFS-M120



AFS-M120X
(Functionally Graded Material)



AFS-M260

Equipment Type	AFS-M120	AFS-M120X	AFS-M260
Forming Cylinder Size	120×120×150mm	120×120×150mm	260×260×320mm
Printing Speed	2-20 cm ³ /h	2-20 cm ³ /h	2-20 cm ³ /h
Print Layer Thickness	0.02~0.1mm	0.02~0.1mm	0.02~0.1mm
Printing Accuracy	±0.1mm/100mm	±0.1mm/100mm	±0.1mm/100mm
Max. Scanning Speed	6m/s	6m/s	6m/s