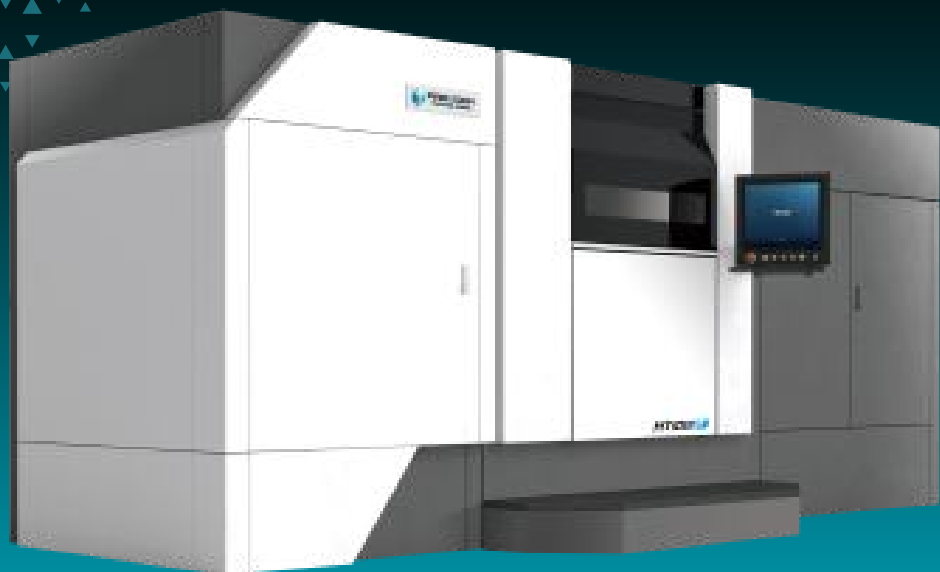


HT1001P-2 PLASTIC LPBF SYSTEM

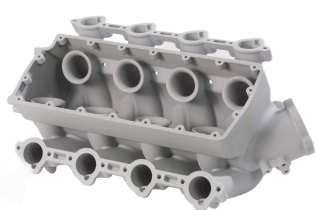


Two powerful 100-watt CO2 lasers enable high productivity

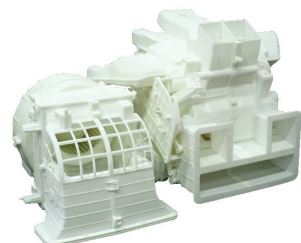
A high efficiency top-feed system as well as fully digital multi-laser scanning capability

Truly open industrial grade plastic LPBF platform

REPEATABLE, HIGH-QUALITY PARTS



Automotive



Aerospace



Consumer Products



Mold



Medical & Dental

YOUR PRODUCTION TOOLS FOR INDUSTRIAL PLASTIC AM

We provide top-tier industrial-grade plastic LPBF systems, materials, and software. Our solutions offer unmatched flexibility in machine operation and material selection, with open parameter sets and processing chamber temperatures ranging from 190°C to 280°C.

MATERIALS

Farsoon excels in high-performance PA12 and PA6 materials, developed by our strong R&D team. We also collaborate with leading suppliers to offer new, advanced materials through our open material policy.

FS3300PA, FS3300PA-F, FS3201PA-F, FS3401GB, FS3401GB-F, FS4100PA, FS3150CF, FS3250MF, FS6140GF, FS1092A-TPU*, FS8100PPS, FS4100PA, FS 1092A-TPU, FS1088A-TPU*, Ultrasint®, PA6*, Ultrasint® PP nat 01*, LUVOSINT TPU X92A-1064 WT.

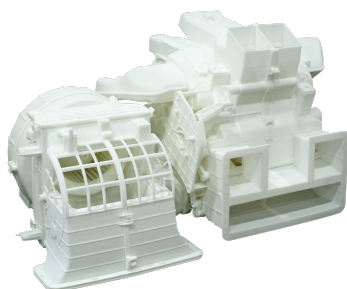
HT1001P-2 PLASTIC LPBF SYSTEM

EXTENSIVE BUILD ENVELOPE
39.4×19.7×17.7 IN

TWO POWERFUL 100-WATT CO2 LASERS
ENABLE HIGH PRODUCTIVITY

TEMPERATURE CAPABLE
UP TO 220°C

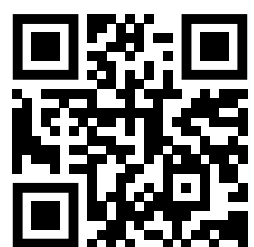
TECHNICAL DATA	HT1001P-2
External Dimensions (L×W×H)	5590×2000×2170 mm (Full Module) (220.1×78.7×85.4 in), 2680×2000×2170 mm (Build Station only) (105.5×78.7×85.4 in)
Build Cylinder Size ¹ (1 L×W×H)	1000×500×450 mm (39.4×19.7×17.7 in)
Net Weight	Approx. 5000 KG (11023.1 lb) (Full Module) / 3500KG (7716.2 lb) (Build Station only)
Laser Type	Dual CO ₂ laser, 2×100W
Scanner	High-precision three-axis digital galvo system
Layer Thickness	0.06~0.3 mm (0.0024-0.0118 in)
Volume Build Rate ²	Up to 15 L/h
Scanning Speed	Max. 15.2 m/s (49.9 ft/s)
Max. Chamber Temperature	220°C (428°F)
Thermal Field Control	Multi-zone heater & Intelligent temperature control systems
Temperature Regulation	Continuous real-time build surface temperature monitoring & optimization
Operating System	64 bit Windows 10
Comprehensive Software	BuildStar, MakeStar®
Data File Format	STL
Key Software Features	Open machine key parameters, real-time build parameter modification, three-dimensional visualization, diagnostic functions
Inert Gas Protection	Nitrogen
Power Supply	EUR/China: 400V±10%, 3~/N/PE, 50/60Hz, 50A US: transformer sold with machine
Operating Ambient Temperature	22-28°C (71.6-82.4°F)
Materials	FS3300PA, FS3401GB, FS4100PA, FS3150CF, FS3250MF, FS6140GF, FS1092A-TPU*, FS1088A-TPU*, Ultrasint® PA6*, Ultrasint® PP nat 01*, more materials to come



HVAC



Adaptor Pipe



Additive Plus combines technology, expertise, and a personal touch to deliver various 3D printing services and products: 3D printers, 3D scanners, atomizers, industrial vacuums, laboratory and analytical instruments, industrial machinery, furnaces, software, materials and many more. Local engineering and maintenance team. Flexible payments terms available. We aim to empower everyone to live their additive journey effectively.

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Sustainable
3D Manufacturing