

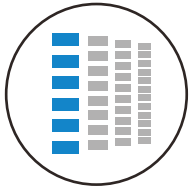
EP-M260

High Efficiency & Scale Production
Metal Powder Bed Fusion



EP-M260

The EP-M260 is an industrial metal 3D printer that uses advanced metal powder bed fusion (MPBF) technology. It is capable of easily and quickly converting CAD data into high-performance, complex structure metal parts. The 3D printer is an ideal choice for medium sized parts and small batch production.



« CONSISTENT PERFORMANCE

- Innovative gas flow management and optimized filter system ensure a stable building environment.
- Outstanding sealing capability optimizes oxygen content.
- Precise laser beam quality control.



« HIGH PRODUCTIVITY

- Dual-Laser system equipped with build volume of $266 \times 266 \times 390 \text{mm}^3$.
- Non-stop operation during filter change.
- Optimized recoating strategy shortens coating time .

RELIABLE AND EASY OPERATION

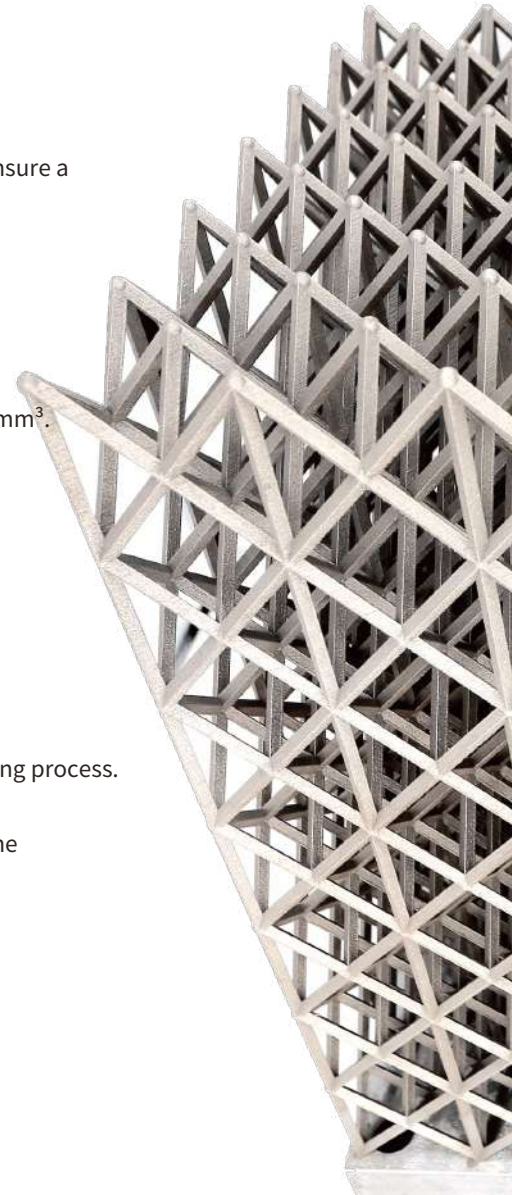


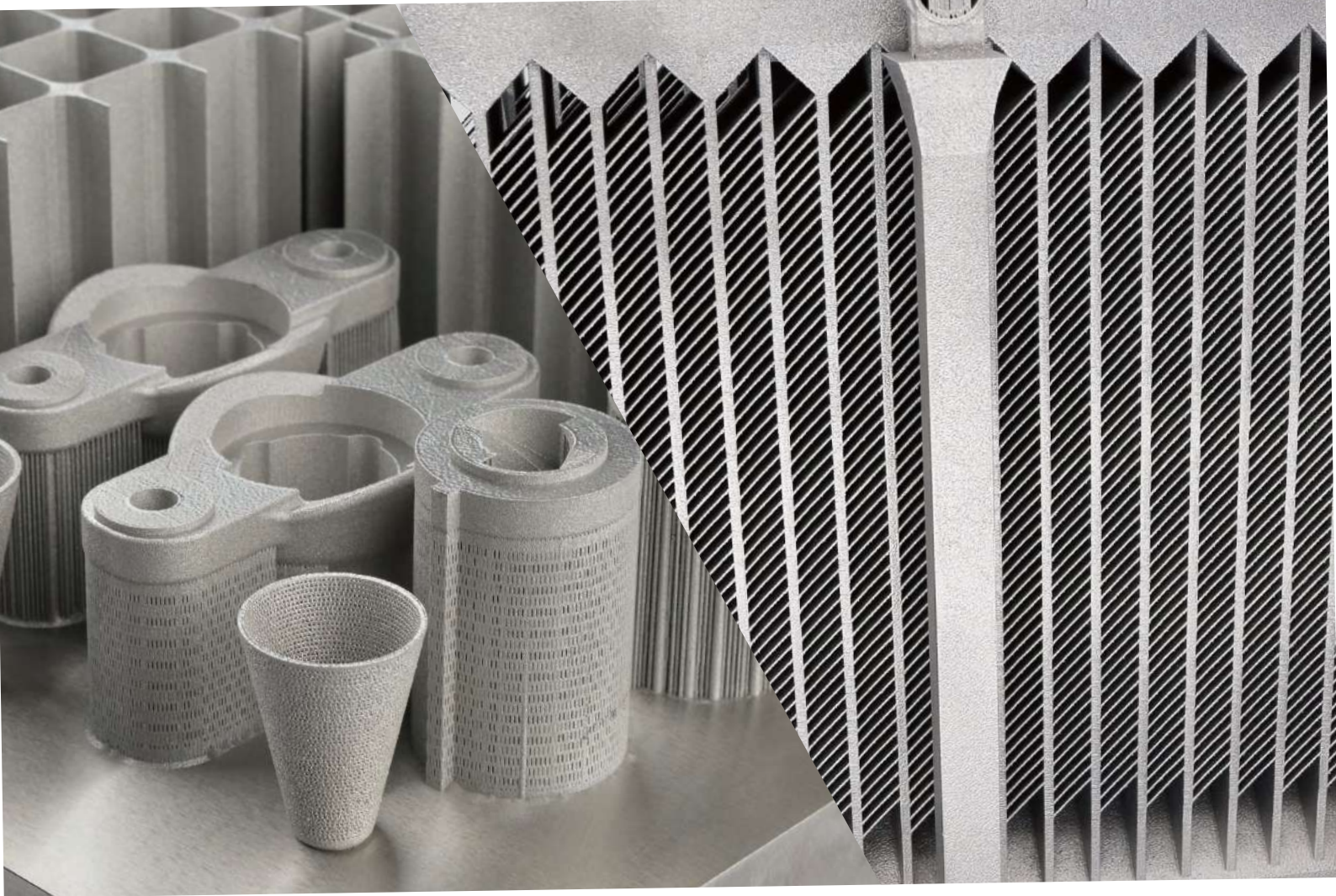
- Convenient powder recycling systems and glove box structure minimize powder contact.
- Intelligent software ensures less human intervention.
- Real-time monitoring of the production environment and building process.
- Double locking from mechanical lock to improve safety.
- Alarming when the access door is open abnormally, to ensure the safety of use.



« LOW OPERATION COST

- Quantitative powder feeding and coating ensure less powder waste.
- Advanced filtration system significant increases filter lifetime.
- Low inert gas consumption during purging and operation.





EP-M260

PARAMETER

Machine Model	EP-M260
Build Chamber (XxYxZ)	266 x 266 x 390 mm ³
Optical System	Fiber Laser, 500 W/1000 W (single or dual-laser optional)
Spot Size	70~100 μm
Max Scan Speed	8 m/s
Building Speed ⁽¹⁾	Single laser: 15~35 cm ³ /h Dual laser: 25~55 cm ³ /h
Layer Thickness	20-120 μm
Material	Titanium Alloy, Aluminium Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Power Supply	380 V, 5 KW, 24 A , 50/60 Hz (Dual laser: 6 KW, 25 A)
Gas Supply	Ar/N ₂
Oxygen Content	≤100 ppm
Dimension (WxDxH)	2800 x 1300 x 2410 mm ³
Weight	2300 kg
Software	EP Control, EP Hatch
Input Data Format	STL or other Convertible File

(1) Building speed depends on the process parameter, material and laser etc.

*EPLUS 3D reserves the right to explain any alteration of the specifications and pictures.