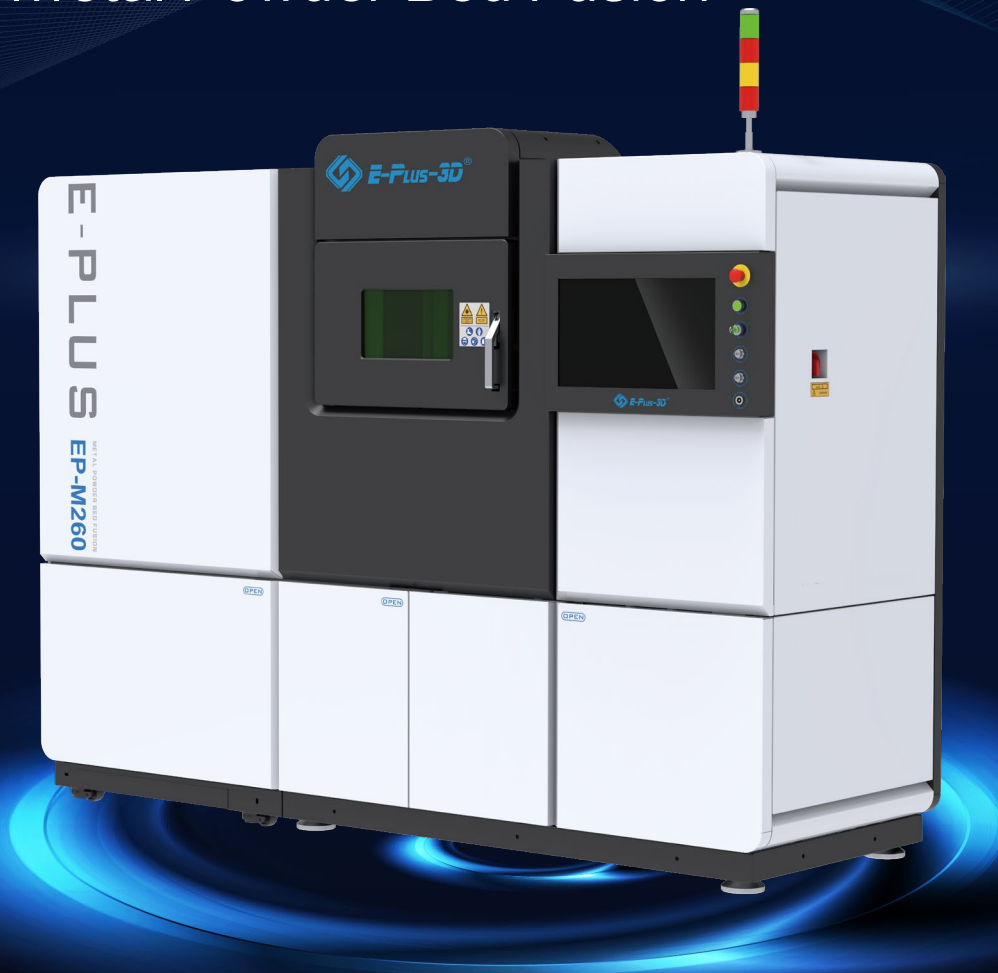


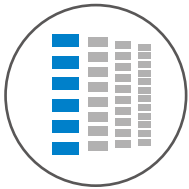
# EP-M260

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 266x266x390mm<sup>3</sup>.
- Non-stop operation during filter change.
- Optimized recoating strategy shortens coating time .



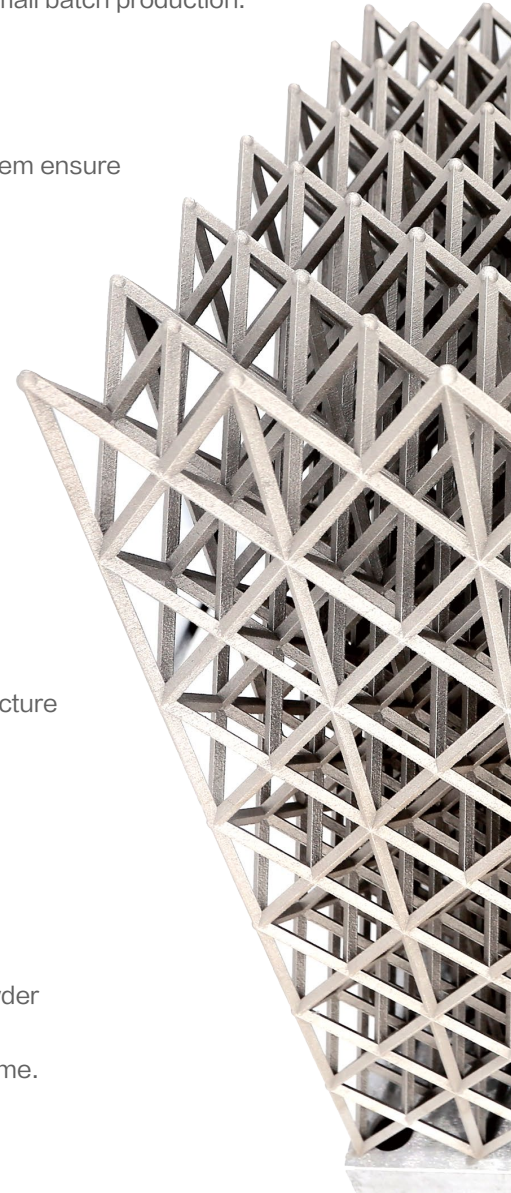
## « RELIABLE AND EASY OPERATION

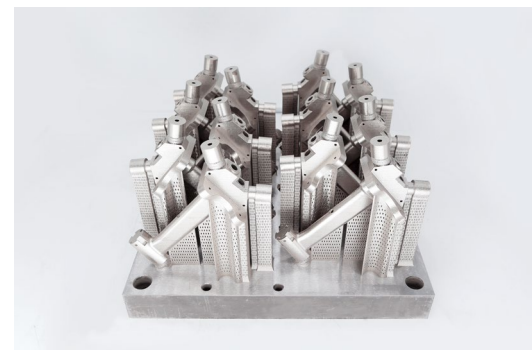
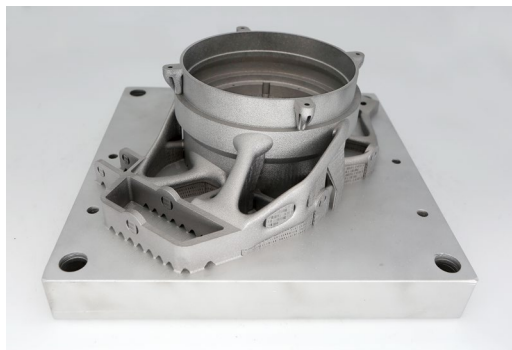
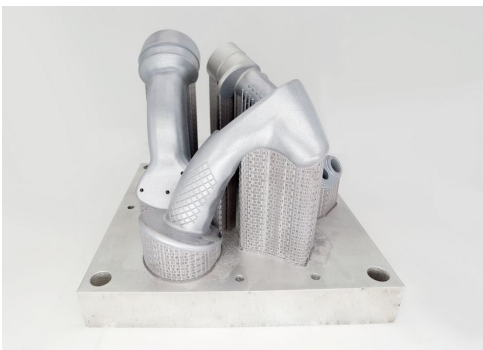
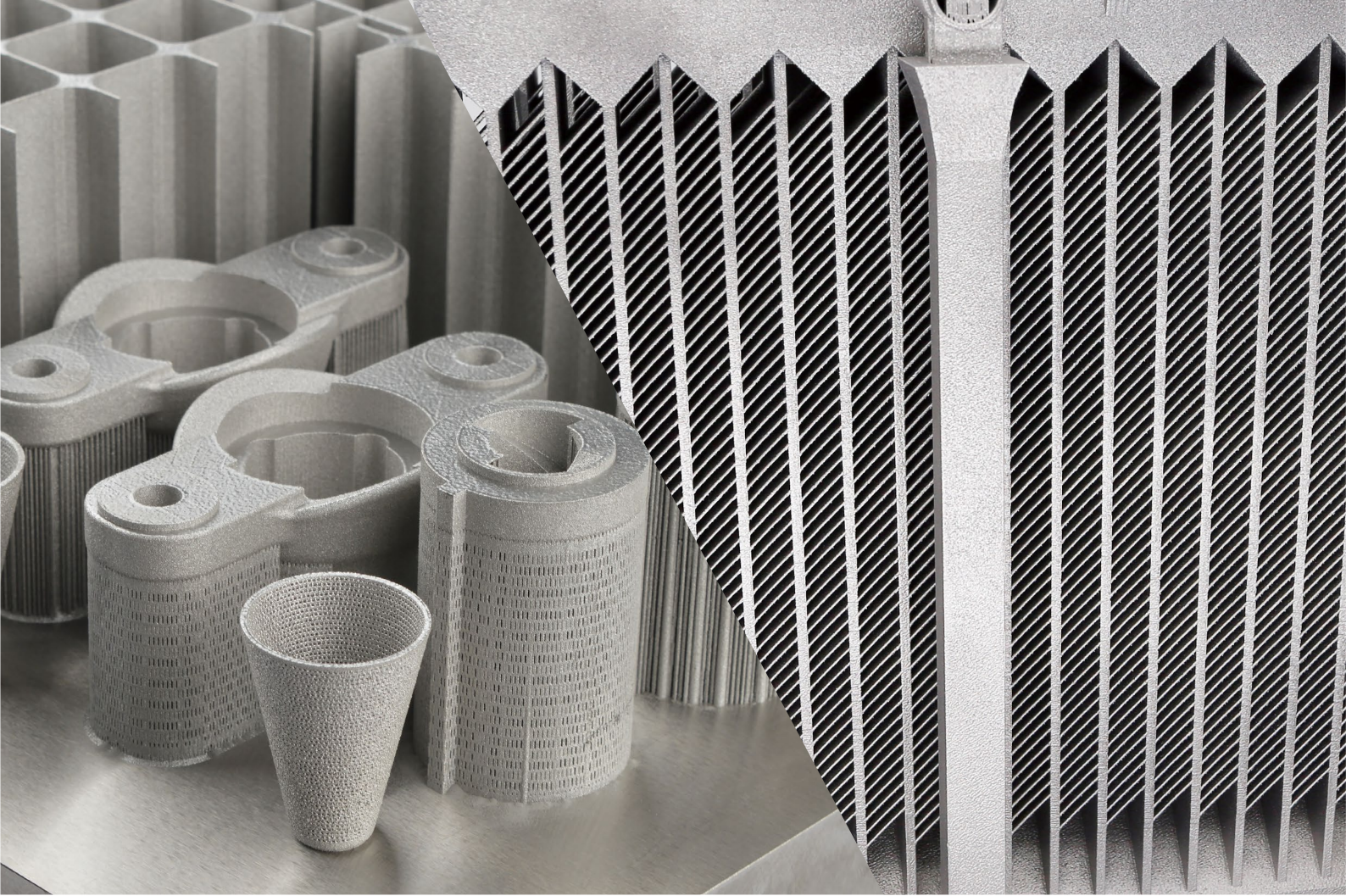
- Convenient powder recycling systems and glove box structure minimize powder contact.
- Intelligent software ensures less human intervention.
- Real-time monitoring of the production environment and building process.



## « 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)	266x266x390mm <sup>3</sup>
Optical System	Fiber Laser, 500W/1000W (single or dual-laser optional)
Spot Size	80~120 μ m
Max Scan Speed	8m/s
Building Speed <sup>(1)</sup>	Single laser: 15~35cm <sup>3</sup> /h Dual laser: 25~55cm <sup>3</sup> /h
Layer Thickness	20~120 μ m
Material	Titanium Alloy, Aluminium Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Power Supply	380V, 50/60Hz, 10KW, 24A ( Dual laser: 12KW, 30A )
Gas Supply	Ar/N <sub>2</sub>
Oxygen Content	≤100 ppm
Dimension (WxDxH)	2800x1300x2410mm <sup>3</sup>
Weight	2300kg
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.