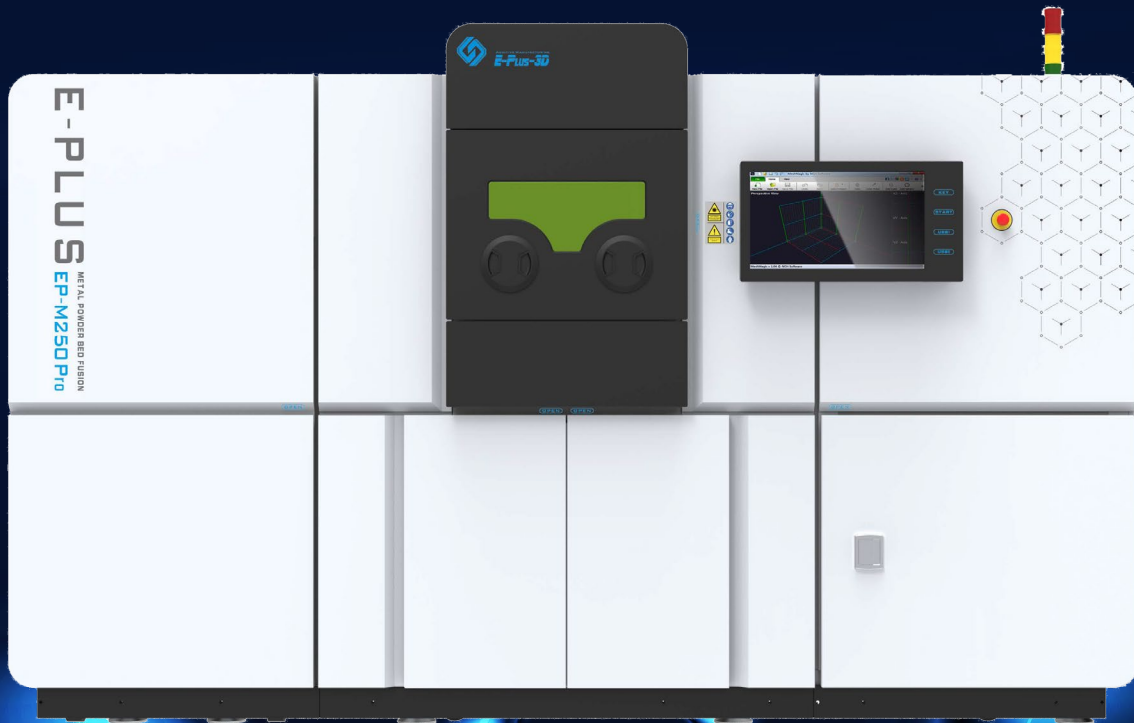


EP-M250 PRO

DUAL-LASER 3D PRINTER
Metal Powder Bed Fusion



EP-M250 PRO

The EP-M250 Pro is a dual-laser metal 3D printer that uses advanced metal powder bed fusion (MPBFTM) technology. It is capable of easily and quickly converting CAD data into high-performance, complex structure metal parts. The 3D printer is ideal 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

LOW OPERATION COST

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

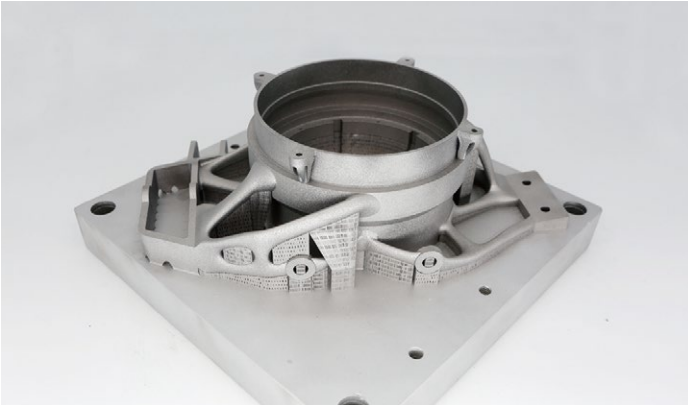
HIGH PRODUCTIVITY

- Dual-Laser system equipped with build volume of 262x262x350mm
- 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

SAMPLES



Auto steering column of lightweight construction in Aluminum Alloy



Exhaust pipe in Nickel Alloy



3D printed mold with conforming cooling channels in Maraging Steel



Lumbar Interbody Fusion Cage System in Titanium Alloy



Batch production of industrial pipes in Stainless Steel

EP-M250 PRO PARAMETER

Build Chamber (X*Y*Z)	262x262x350mm ³
Optical System	Fiber Laser, 500W (single or dual-laser optional)
Spot Size	70 μ m
Max Scan Speed	8m/s
Layer Thickness	20–100 μ m
Materials	Titanium Alloy, Aluminium Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc
Power Supply	380V, 20A, 50/60Hz, 14KW
Gas Supply	Ar/N ₂
Oxygen Content	≤100ppm
Dimension (W*D*H)	3500x1300x2300mm ³
Weight	1700kg
Software	EP Control, EP Hatch
Input Data Format	STL or Other Convertible File

Notice: Eplus 3D reserves the right to explain any alteration of the specifications and pictures.