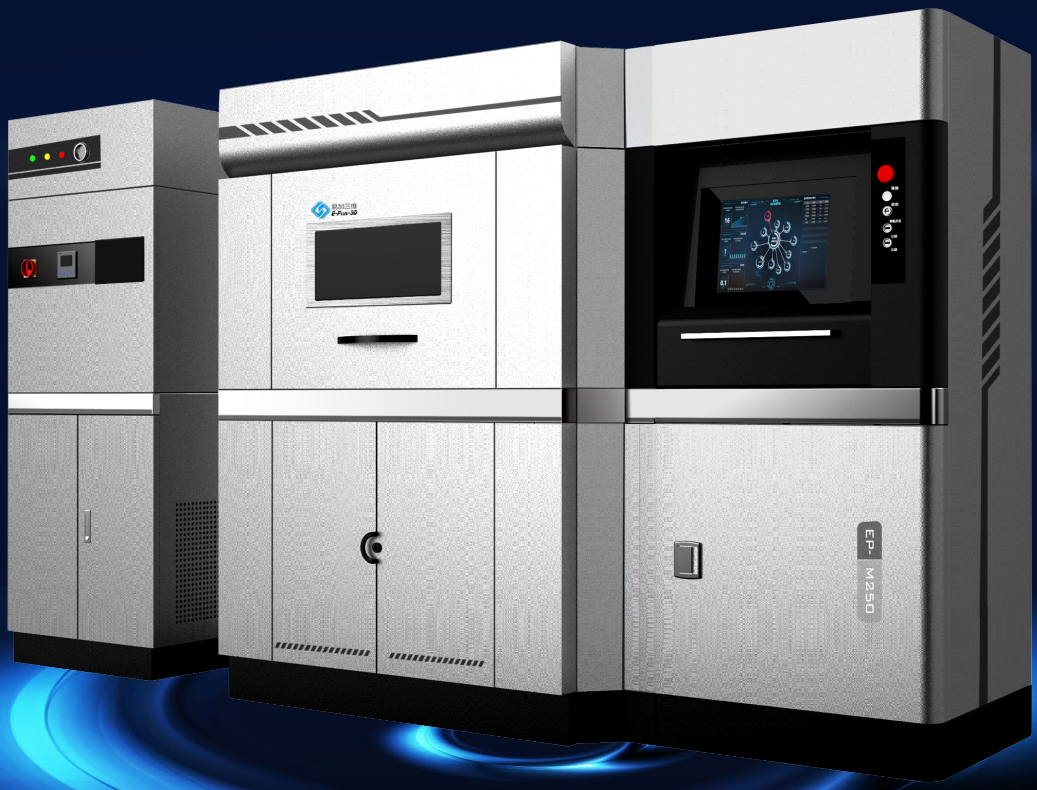
E-Plus-3D®

EP-M250

METAL 3D PRINTER
DIRECT METAL FUSION



EP-M250

POWDER-BED BASED DIRECT METAL FUSION

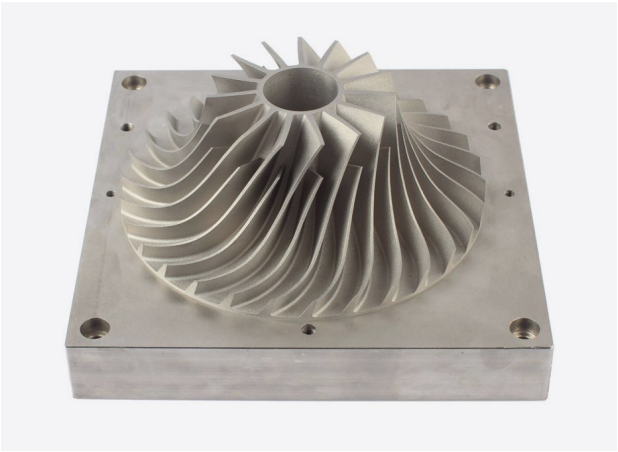
Using the fiber laser directly melt elemental or alloy metal powder material, and can form an arbitrary complex structure and close to 100% density metal parts.

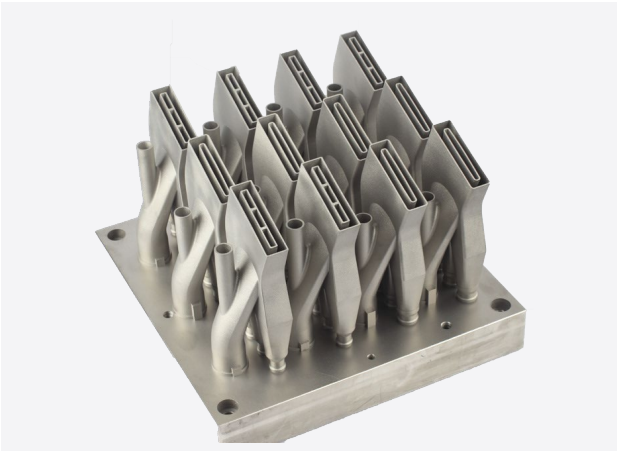
MATERIAL UTILIZATION RATE IS HIGH MAKING COST LOWER

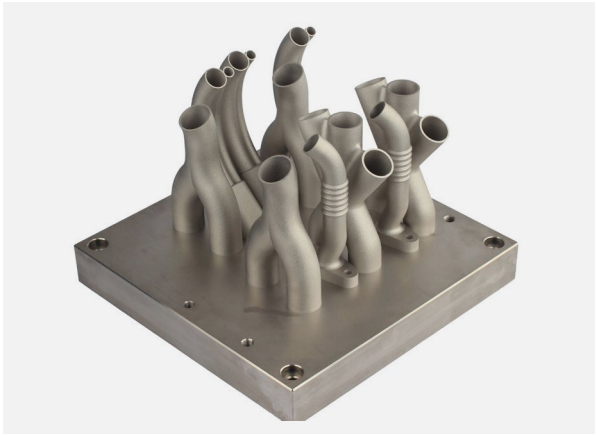
The build part forms layer by layer out of powder and the material utilization rate is over 90%, which is especially suitable for the manufacturing of complex or integrated structure metal parts, such as titanium alloy, nickel alloy and other precious and intractable metal material.

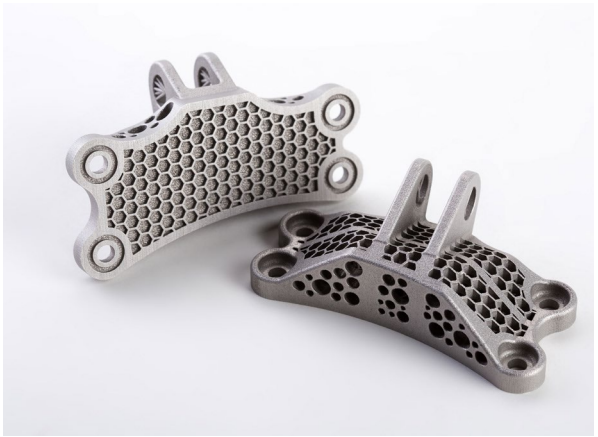
WIDE APPLICATION

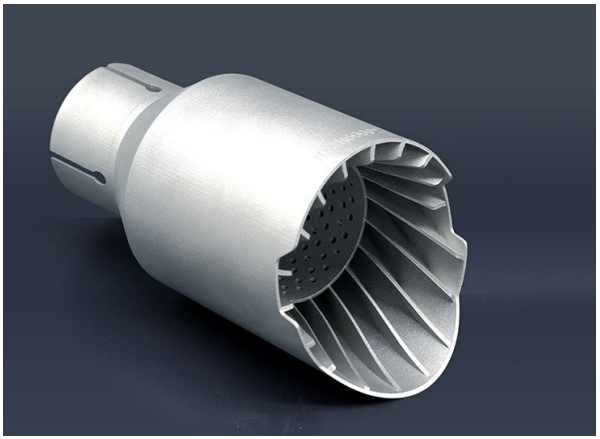
EP-M250 has wide application in aerospace, biomedical, auto motive, tooling and research, etc.

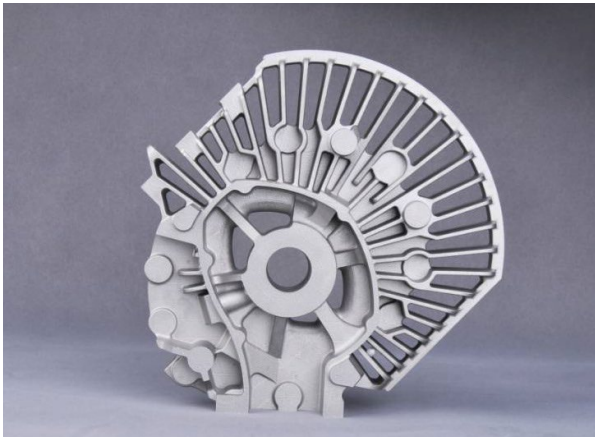












EP-M250 PARAMETER

Material	Stainless steel, maraging steel, nickel base alloy, titanium alloy, cobalt chromium alloy, aluminum alloy, copper alloy
Building Volume	258 x 258 x 350 mm^3
Layer Thickness	0.02-0.1 mm
Laser Power	500 w
Scanning System	High precision galvanometer
Scanning Speed	8 m/s
Control Software	EP-Control
OS System	Windows 10
Air Supply	Ar/ N_2
Power Supply	380V ± 7% 50HZ
Input Data Format	STL or other convertible file
Dimension	2500 x 1000 x 2100 mm^3 (L x W x H)
Machine Weight	1350 kg
Work Temperature	15 to 30 ℃

Notice: Eplus 3D reserves the right to explain anyalteration of the speciications and pictures.