



ADVANCED METAL 3D PRINTING SOLUTIONS

For more information, reach out to our experts!



EP-M150

High Compact & High Precision Metal Additive Manufacturing Equipment



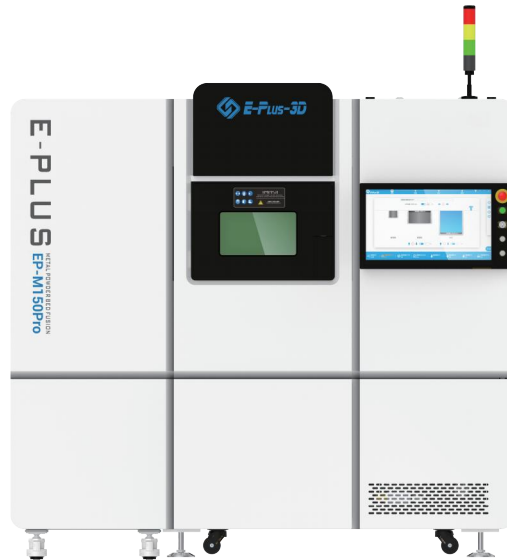
PARAMETER

Machine Model	EP-M150
Build Volume (X x Y x Z) (height incl. build plate)	Φ 150 x 140 mm (Φ 5.91 x 5.51 in)
Optical System	Fiber Laser, 200 W / 500 W (single or dual-laser optional)
Spot Size	40 - 60 μm
Max Scan Speed	8 m/s
Building Speed	Single Laser : 5 ~ 20 cm ³ /h Dual Laser : 8 ~ 35 cm ³ /h
Layer Thickness	200 W Laser : 20 - 50 μm 500 W Laser : 20 - 100 μm
Material	Titanium Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Power Supply	220 V, 3 KW, 14 A, 50 ~ 60 Hz (Dual Laser : 5.8 KW, 19 A)
Gas Supply	Ar / N ₂
Oxygen Content	≤100 ppm
Dimension (W x D x H)	1750 x 799 x 1828 mm
Weight	900 kg
Software	EP-Hatch, EP Control
Input Data Format	STL or other Convertible File

Notice: Eplus3D reserves the right to explain any alteration of the specifications and pictures.

EP-M150Pro

High Compact & High Precision Metal Additive Manufacturing Equipment



PARAMETER

Machine Model	EP-M150 Pro
Build Volume (X x Y x Z) (height incl. build plate)	Φ 150 x 225 mm (Φ 5.91 x 8.86 in)
Optical System	Fiber Laser, 500 W (single or dual-laser optional)
Spot Size	70 μm
Max Scan Speed	8 m/s
Building Speed	Single Laser : 5 ~ 20 cm ³ /h Dual Laser : 8 ~ 35 cm ³ /h
Layer Thickness	20 - 100 μm
Material	Titanium Alloy, Aluminum Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Power Supply	380 V, 3P / N / PE, 12 KW, 23 A, 50 ~ 60 Hz (Dual Laser : 13.5 KW, 28 A)
Gas Supply	Ar / N ₂
Oxygen Content	≤100 ppm
Dimension (W x D x H)	2120 x 980 x 2250 mm
Weight	1500 kg
Software	EP-Hatch, EP Control
Input Data Format	STL or other Convertible File

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EP-M150 Dental

Dental Metal 3D Printer High Efficient & Reliable & Save cost



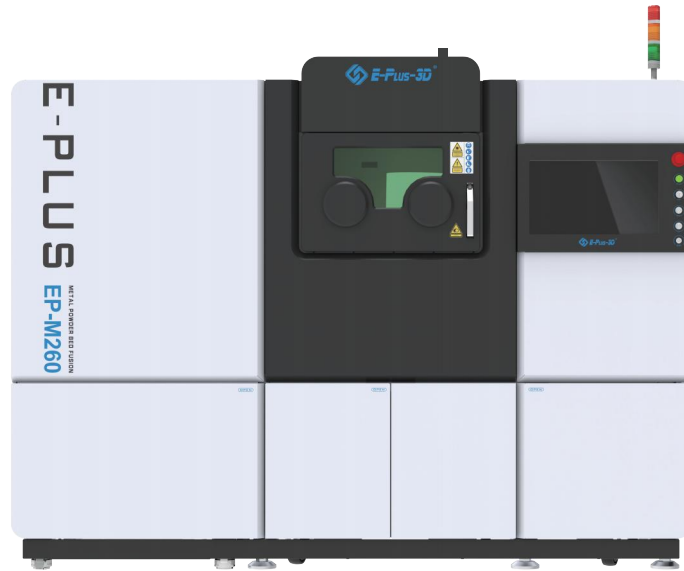
PARAMETER

Machine Model	EP-M150
Build Volume (X x Y x Z) (height incl. build plate)	Φ 150 x 100 mm (Φ 5.91 x 3.94 in)
Optical System	Fiber Laser, 200 W (single or dual-laser optional)
Spot Size	40 - 60 μm
Max Scan Speed	8 m/s
Building Speed	Single Laser : 5 ~ 20 cm ³ /h Dual Laser : 8 ~ 35 cm ³ /h
Layer Thickness	200 W Laser : 20 - 50 μm
Material	Titanium Alloy, Cobalt Chrome.
Power Supply	220 V, 2.5 KW, 14 A, 50 ~ 60 Hz (Dual Laser: 3.5 KW, 19 A)
Gas Supply	Ar / N ₂
Oxygen Content	≤100 ppm
Dimension (W x D x H)	1750 x 810 x 2190 mm
Weight	900 kg
Software	EP-Hatch, EP Control
Input Data Format	STL or other Convertible File

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EP-M260

High Efficiency & Scale Production Metal Powder Bed Fusion



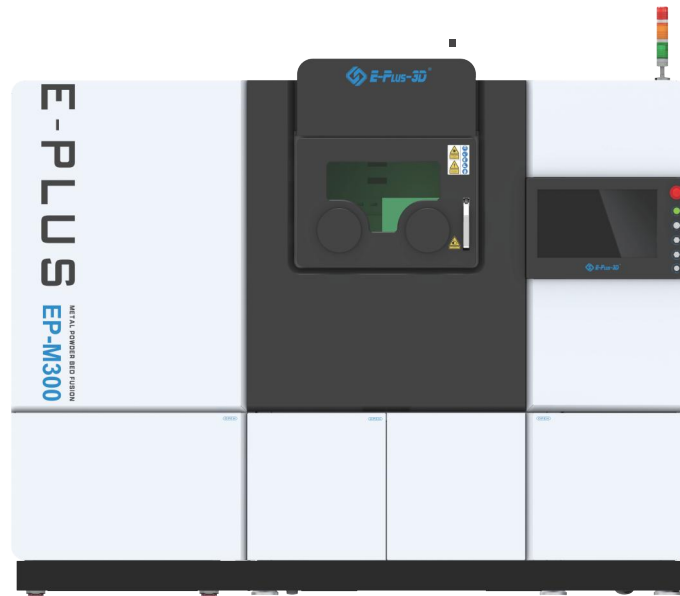
PARAMETER

Machine Model	EP-M260
Build Volume (X x Y x Z) (height incl. build plate)	260 x 260 x 390 mm (10.24 x 10.24 x 15.35 in)
Optical System	Fiber Laser, 500 W / 1000 W (single or dual-laser optional)
Spot Size	70 - 100 μ m
Max Scan Speed	8 m/s
Building Speed	Single Laser: 15 ~ 35 cm ³ /h Dual Laser: 25 ~ 55 cm ³ /h
Layer Thickness	20 - 120 μ m
Material	Titanium Alloy, Aluminum Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Power Supply	380 V, 8.5 KW, 24 A , 50 / 60 Hz (Dual Laser: 12 KW, 30 A)
Gas Supply	Ar / N ₂
Oxygen Content	≤100 ppm
Dimension (W x D x H)	2800 x 1315 x 2408 mm
Weight	2300 kg
Software	EP-Hatch, EP Control
Input Data Format	STL or other Convertible File

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EP-M300

High Productivity Metal AM Machine Metal Powder Bed Fusion



PARAMETER

Machine Model	EP-M300
Build Volume (X x Y x Z) (height incl. build plate)	300 x 300 x 450 mm (11.81 x 11.81 x 17.72 in)
Optical System	Fiber Laser, 500 W / 1000 W (single or dual-laser optional)
Spot Size	80 - 120 μ m
Max Scan Speed	8 m/s
Layer Thickness	20 - 120 μ m
Building Speed	Single Laser : 15 ~ 35 cm ³ /h Dual Laser : 25 ~ 63 cm ³ /h
Material	Titanium Alloy, Aluminum Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Power Supply	380 V, 10kW, 28 A, 50 / 60 Hz (Dual Laser: 8 KW, 31 A)
Gas Supply	Ar / N ₂
Forming Chamber Oxygen Content	\leq 100 ppm
Dimension (W x D x H)	2984 x 1300 x 2624 mm
Weight	2900 kg
Software	EP-Hatch, EP Control
Input Data Format	STL File or other Convertible Format

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EP-M400

Large Size & High Speed & Cost-Effective Metal Additive Manufacturing System



PARAMETER

Machine Model	EP-M400
Build Volume (X x Y x Z) (height incl. build plate)	400 x 400 x 450 mm (15.75 x 15.75 x 17.72 in)
Optical System	Fiber Laser 500 W / 2 x 500 W / 4 x 500 W
Spot Size	80 - 120 μ m
Max Scan Speed	8 m/s
Layer Thickness	20 - 120 μ m
Building Speed	15 ~ 35 cm ³ /h
Material	Titanium Alloy, Aluminum Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Power Supply	380 V, 38 A, 13.9 kW, 50 / 60 Hz
Gas Supply	Ar / N ₂
Forming Chamber Oxygen Content	\leq 100 ppm
Dimension (W x D x H)	4300 x 3945 x 3785 mm
Weight	5000 kg
Software	EP-Hatch, EP Control
Input Data Format	STL File or other Convertible Format

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EP-M450

Large Size & High Speed & Reliable Production Metal Additive Manufacturing System



PARAMETER

Machine Model	EP-M450
Build Volume (X x Y x Z) (height incl. build plate)	450 x 450 x 550 mm (17.72 x 17.72 x 21.65 in)
Optical System	Fiber Laser 500 W / 2 x 500 W / 4 x 500 W
Spot Size	90 - 130 μm
Max Scan Speed	8 m/s
Layer Thickness	20 - 120 μm
Building Speed	15 ~ 35 cm^3/h
Material	Titanium Alloy, Aluminum Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Power Supply	380 V, 45 A, 10 kW, 50 / 60 Hz
Gas Supply	Ar / N ₂
Forming Chamber Oxygen Content	≤ 100 ppm
Dimension (W x D x H)	5410 x 3210 x 3090 mm
Weight	10000 kg
Software	EP-Hatch, EP Control
Input Data Format	STL File or other Convertible Format

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EP-M450H

Large Size & High Speed & Reliable Production Metal Additive Manufacturing System



PARAMETER

Machine Model	EP-M450H
Build Volume (X x Y x Z) (height incl. build plate)	450 x 450 x 1080 mm (17.72 x 17.72 x 42.52 in)
Optical System	Fiber Laser 500 W / 2 x 500 W / 4 x 500 W
Spot Size	90 - 130 μ m
Max Scan Speed	8 m/s
Layer Thickness	20 - 120 μ m
Building Speed	15 ~ 35 cm ³ /h
Material	Titanium Alloy, Aluminum Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Power Supply	380 V, 15 kW, 52 A, 50 / 60 Hz
Gas Supply	Ar / N ₂
Forming Chamber Oxygen Content	\leq 100 ppm
Dimension (W x D x H)	5820 x 4685 x 4850 mm
Weight	15000 kg
Software	EP-Hatch, EP Control
Input Data Format	STL File or other Convertible Format

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EP-M650

Quad Laser Large Size Metal Additive Manufacturing System



PARAMETER

Machine Model	EP-M650
Build Volume (X x Y x Z) (height incl. build plate)	650 x 650 x 800 mm (25.59 x 25.59 x 31.49 in)
Optical System	Fiber Laser 4 x 500 W
Spot Size	80 - 120 μm
Max Scan Speed	8 m/s
Layer Thickness	20 - 120 μm
Building Speed	120 cm^3/h
Material	Titanium Alloy, Aluminum Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Substrate Heating	Substrate Heating Temperature 200 °C
Power Supply	380 V, 64 A, 31 kW, 50 / 60 Hz
Gas Supply	Ar / N ₂
Forming Chamber Oxygen Content	≤ 100 ppm
Dimension (W x D x H)	5738 x 2998 x 3816 mm
Weight	15000 kg
Software	EP-Hatch, EP Control
Input Data Format	STL File or other Convertible Format

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EP-M1250

Nine Laser Large Format Metal Additive Manufacturing System



PARAMETER

Machine Model	EP-M1250
Build Volume (X x Y x Z) (height incl. build plate)	1250 x 1250 x 1350 mm (49.21 x 49.21 x 53.15 in)
Optical System	Fiber Laser 9 x 500 W / 700 W / 1000 W
Spot Size	70 - 120 μ m
Max Scan Speed	7 m/s
Layer Thickness	20 - 120 μ m
Building Speed	240 cm ³ /h
Material	Titanium Alloy, Aluminum Alloy, Nickel Alloy, Maraging Steel, Stainless Steel, Cobalt Chrome, Copper Alloy, etc.
Substrate Heating	Substrate Heating Temperature 200 °C
Power Supply	380 V, 100 A, 40 kW, 50 / 60 Hz
Gas Supply	Ar / N ₂
Forming Chamber Oxygen Content	≤100 ppm
Dimension (W x D x H)	9000 x 4800 x 6300 mm
Weight	50000 kg
Software	EP-Hatch, EP Control
Input Data Format	STL File or other Convertible Format

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ABOUT EPLUS3D

Eplus3D was founded in 2014, the core technical team has more than 30 years of AM technology experience and is engaged in research and development of industrial-grade Additive Manufacturing systems and application technologies using with MPBF™ (Metal Powder Bed Fusion) and PPBF™ (Polymer Powder Bed Fusion) 3D printing technology. Eplus3D provides professional application solutions for the fields of Aerospace & Aviation, Energy, Oil & Gas, Automotive, Tooling, Healthcare, Consumer Goods and Precision Manufacturing.

Eplus3D has four facilities in Beijing, Hangzhou, Stuttgart and Houston, with an annual scientific research investment of more than 20% of the revenue with comprehensive invention patents, utility model patents, software copyrights as well as appearance patents. It has made great achievements in the design-, process-, software-, materials- and post-processing development for additive manufacturing and has successfully implemented AM solutions at customer site in more than 40 countries and regions such as Europe, USA, Japan, South Korea and Southeast Asia.

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