易加三维
E-Plus-3D

Wax/Sand SLS 3D Printers

E-Plus 3D casting printer is perfectly combined with traditional foundry industry. It adopts laser sintering technology, uses resin sand and PSB for sand and lost wax casting. It offers various build size and can rapidly cast the parts with complex structure, like engine cylinder block, cylinder head, turbine and impeller, etc.

E-Plus 3D casting printer greatly reduces the R&D and trial-producing time for casting parts with fast sand and wax mould printed directly.

Email : info@eplus3d.com Tel: +86-571-83819589 Web : www.eplus3d.com

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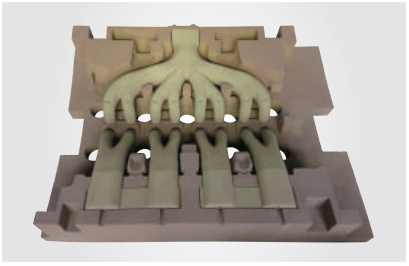


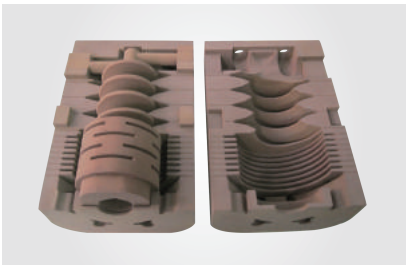
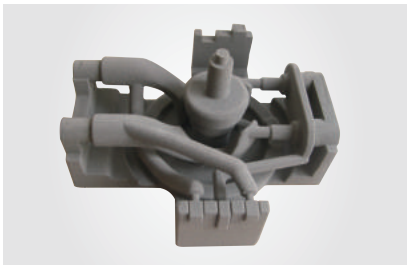


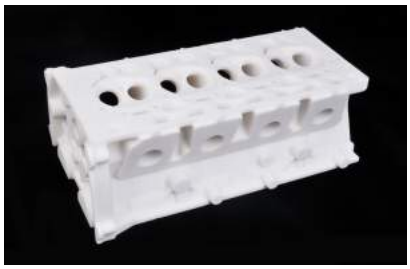


Specification

Model	EP-C3650	EP-C5050	EP-C7250
Material	PS, resin sand, TPU, etc.	PS, resin sand, TPU, etc.	PS, resin sand, TPU, etc.
Build Volume	360 x 360 x 500 mm	500 x 500 x 500 mm	700 x 700 x 500 mm
Layer Thickness	0.15 mm (0.04-0.3 mm to choose)	0.15 mm (0.04-0.3 mm to choose)	0.15 mm (0.04-0.3 mm to choose)
Build Accuracy	± 0.15 mm (part size≤100 mm), ±0.15% (part size ≥100 mm)	± 0.15 mm (part size≤100 mm), ± 0.15% (part size ≥100 mm)	± 0.15 mm (part size≤100 mm), ±1.5% (part size ≥ 100 mm)
Material Feed Mode	Bi-directional powder feeding	Automatic loading, Bi-directional powder feeding	Automatic loading, Bi-directional powder feeding
Laser Power	CO_2 laser, 55 w	CO_2 laser, 55 w	CO_2 laser, 100 w
Scanning System	High-resolution scanning galvanometer	Dynamic scanning focus	Dynamic scanning focus
Scanning Speed	5 m/s (max)	6 m/s (max)	8 m/s (max)
Control Software	Eplus 3D printing software	Eplus 3D printing software	Eplus 3D printing software
OS System Support	Windows 7	Windows 7	Windows 7
Power Supply	380 v, 50 Hz, 3-phase	380 v, 50 Hz, 3-phase	380 v, 50 Hz, 3-phase
Output Data Format	STL or other convertible file	STL or other convertible file	STL or other convertible file
Dimension	2500 x 1300 x 2200 mm (L x W x H)	1960 x 1300 x 2300 mm (L x W x H)	2000 x 1500 x 2650 mm (L x W x H)
Machine Weight	1300 kg	1350 kg	1700 kg
Work Temperature	15-30 ℃	15-30 ℃	15-30 ℃

* Notice: E-Plus 3D reserves the right to explain any alteration of the specification and pictures.

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