

EP-C5050

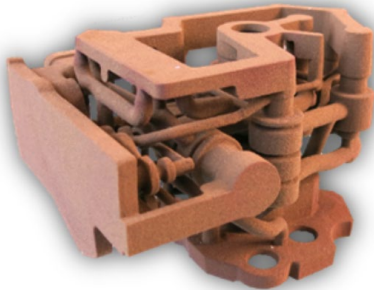
Wax/Sand SLS 3D PRINTER



EP-C5050

EP-C5050 is able to use psb powder to print investment molds with the building chamber size is 500x500x500mm. Together with traditional casting technology, the mold is possible to cast engine blocks, cylinder heads, turbines, impellers and other components with complex structures in a very short time.

PS or Resin Sand based, cost-effective pattern casting material, which is compatible with most standard casting processes. It is suitable for prototype metal castings and can be produced in low to medium output without the use of tools.



« Wide Application

EP-C5050 SLS 3D printer offers large build size and can rapidly cast the parts with complex structure, like engine cylinder block, cylinder head, turbine and impeller, etc.

⌵ Auxiliary Equipment Optional

Powder clean platform, sand blaster, powder mixer, fork truck, vacuum cleaner



EP-C5050

PARAMETER

Model	EP-C5050
Material	PS, resin sand, TPU, etc.
Build Volume	500 x 500 x 500 mm
Layer Thickness	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)
Material Feed Mode	Automatic loading Bi-directional powder feeding
Laser Power	CO ₂ laser , 55W
Scanning System	Dynamic scanning focus
Scanning Speed	6 m/s (max)
Control Software	Eplus3D Printing Software
OS System Support	Windows 7
Power Supply	380V, 50Hz、 3-phase
Output Data Format	STL or other convertible file
Dimension	1960 x 1300 x 2300 mm (L x W x H)
Machine Weight	1350kg
Work Temperature	15-30°C

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