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SHINING 3D®

EP-P3850
SELECTIVE LASER SINTERING 3D PRINTER



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SHINING 3D EP-P3850, adopts selective laser sintering (SLS) technology is designed to meet functional tests in industrial applications at an affordable price. With the build size of 380 x 380 x 500 mm, EP-P3850 covers the medium build volume range and delivers high-property thermoplastics.



FEATURES & BENEFITS:

· Detachable forming cylinder to optimize printing efficiency

· Uniformed heat control system to offer optimized mechanical properties

· Offer broad portfolio of 3D printing materials with high powder recyclability rates

· Break the constraints of complex geometries, and maximize design freedom



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TECHNICAL SPECIFICATIONS

EP-P3850

Model	EP-P3850
Material	PA12 , PA12GF , PP , TPU , PE , TPE
Build Volume	380 x 380 x 500 mm
Layer Thickness	0.1 mm (0.08-0.3 mm to choose)
Build Accuracy	±0.15 mm (part size ≤100 mm) , ±0.15% (part size ≥100 mm)
Material Feed Mode	Automat ic loading, bi-directional powder feeding
Laser Power	CO_2 laser, 55 w
Scanning System	Dynamic scanning focus
Scanning Speed	7.8 m/s (max)
OS System Support	Windows 7
Control Software	Eplus 3D printing software
Air Supply	Compressed air, N_2 protective gas
Power Supply	380 v, 50 Hz, 3-phase
Output Data Format	STL or other convertible file
Dimensions	1400 x 1300 x 2450 mm (L x W x H)
Machine Weight	1600 kg
Work Temperature	15-30 ℃

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

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