3DPTEK

SLS Sand/Wax Printer LaserCore-6000

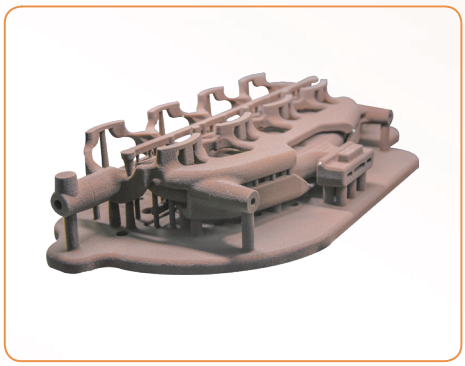
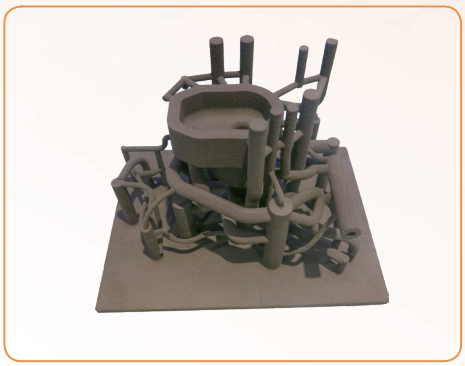
High-precision, high-strength sand molds for complex pipeline and oil passage structures. High-precision, high-quality wax patterns for thin-walled complex structures.

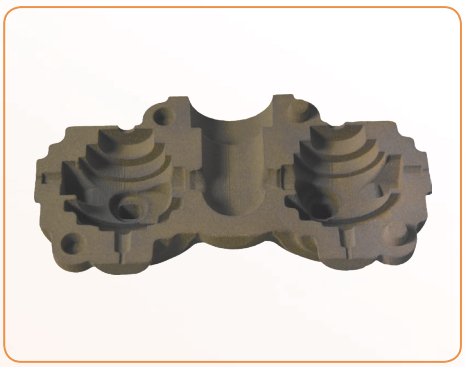
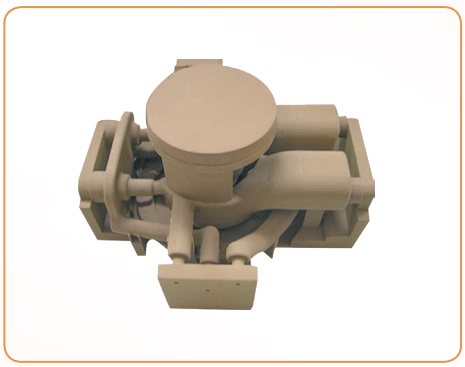
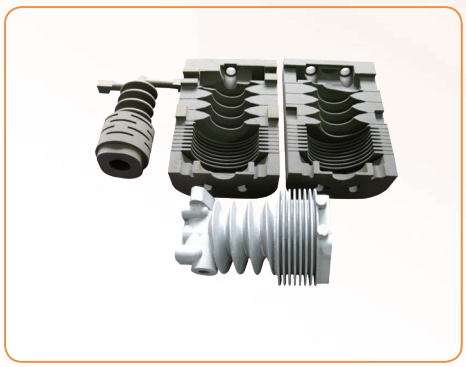
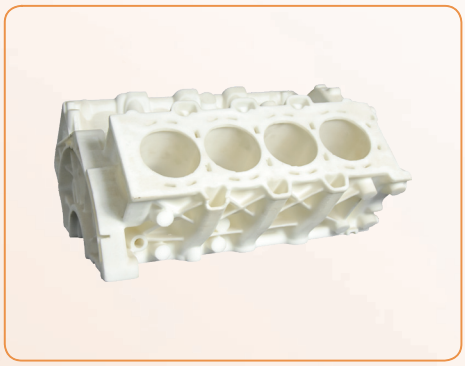
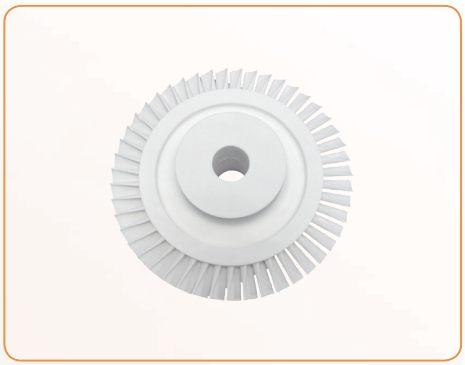
Equipment Parameters

Dimensions (L×W×H)	2310×1710×3320mm	Control Program	AFSWin V8.4
Build Tank Dimensions (L×W×H)	1050×1050×650mm	Data Format	STL
Laser Type	CO2 RF 120W	Eqpt. Weight	≈ 3.5t
Form. Accuracy	±0.1mm(≤100mm) ±0.1%(>100mm)	Amb. Temp.	20-30°c
Form. Speed	80-300cm³/h	Amb. Hum.	≤60%
Layer Thk.	0.08-0.35mm	Power Supply	380VAC / 50 HZ / 30KW Three-Phase Five-line
Max. Scan Speed	6m/s	Gas Supply	Gas Pressure 0.6~0.8Mpa, Fow Rate ≥1.0m³ / min, Clean and Dry gas Supply
Form. Mat.	Covered sand / PSB		

3DPTEK

Application Cases

www.3dptek.com