Industrial-Grade
3D Printing Technology

Laser Sintering Production System

S260

This machine is a professional-grade additive manufacturing system focusing on the professional market. It has the characteristics of fine light spot and flexible building space. The building size is 260×260×450mm, which is suitable for various professional printing tasks.

SLS 3D Printer Specification

	S260
Build Chamber Size X×Y×Z (mm)	260 × 260 × 450
Effective Space Size X×Y×Z (mm)	250 × 250 × 440
Dimension of Main Machine W×D×H (m)	1.32×1.28×2.08
Dimension of Control Unit W×D×H (m)	0.60×1.06×1.92
Weight of Main Machine (kg)	1,150
CO_2 Laser Power (w)	30
Focusing	3-axis, dynamic focusing
Building Speed (mm/h)	10~25
Layer Thickness (mm)	• 0.06 ~ 0.2 Adjustable, • Recommended Values 0.12
Diameter of Laser Beam (mm)	0.3
Maximum Scanning Speed (mm/s)	8,000
Maximum Operating Temperature (℃)	230/160
Powder Pyrometer Long Term Stability (℃/Year)	0.1
Powder Feeding Type	• Powder discharged upside, • Powder fed both sides
Data Format	STL
OS	Windows 10.0
Options for Color of SLS Parts	White, black or other colors
Auto Lock for Platform	Yes
Lifting Trolley	Manual
Active Cooling	Yes
Thermal Management for Control Cabinet	Chiller
Powder Recoater	Single blade
Electrical Protection	PL-e Dual-channel security control
Nitrogen generator	Integration
Power	380V, 3P/N/PE, 32A, 50/60Hz, Avg 2kW

Part & Powder Processing Station

Innovative clean production solution which prevents powder leakage. The PPS solution not only keeps your work place from any dust pollution, but also helps save your production time and cost. Both automatic and manual operation modes are available, which provides you with even more flexibilities.

Size X Y Z (mm)	2285 × 1560 × 2070
Weight (Kg)	500
Powder Feeding Rate (Kg/h)	50
Maximum Power (Kw)	4
Intake Pressure (MPa)	≥0.5
Air Flow Requirement (L/min)	≥200
Dust Explosion-Proof Grade (GB3836 / GB12476)	Dust Explosion - Proof Zone 22
Working Noise (dB)	≤70
	380V, 3P/N/PE, 10A, 50/60Hz, Avg 2kW
Maximum Capacity	1 or 2 SLS Systems

3DZ

Print the Future

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