

SX-26

Industrial PBF 3D Printers

Compact Structure, Small Footprint
Stable Performance, High Efficiency
High Use Rate of the Nylon Powder



SX-26

◆ Overview

SX-26 PBF 3D printer features a compact size, small footprint, simplified operation, stable performance, and high efficiency. It is suitable for technical research, industrial design validation, and developments in the medical and automotive fields.

◆ Advantage

- Compact Structure, Small Footprint

SX-26 is equipped with a built-in powder supply system and a lifting printing platform. The printer adopts a modular design and compact structure.

- Easy Operation, User Friendly

The user-friendly software maximally simplifies operations. Working efficiency is improved by the easily removable and replaceable forming cylinder.

- Stable Performance, High Efficiency

Three-axis dynamic focusing technology is utilized in combination with partitioned independent temperature control systems to achieve an excellent thermal field effect, ensuring high precision of components.

- Adjustable Parameters, Strong Material Compatibility

Open material system makes it suitable for scientific research, development, and application of new materials. All parameters can be adjusted independently.

- High Use Rate of the Nylon Powder

Smart powder feeding system, no overflow powder, ensure the minimum old powder generated. Kings 3D self-developed Nylon Powder for PBF printers, boasting a high powder reuse rate.

◆ Ideal Applications



Automotive



Medical



Animation



Prototype



Education



Footwear

◆ Technical Data

Machine Size	1260×1060×2153mm （1260×1060×2183mm for fiber laser）
Forming Cylinder Size	260×260×400mm
Equipment Net Weight	800kg
Recommend Layer Thickness	0.06~0.3mm adjustable
Scanning Speed	10000mm/s
Laser System	CO ₂ 60W or fiber laser 300W x 1/2
Galvanometer Scanner	Three-axis dynamic focusing scanning system
Maximum Molding Temperature	280℃
Temperature Control System	8-zone independent temperature control
Operating System	Windows10/11
System Control Software	self developed PBF-SX26
Data Format	SLC file or other convertible formats
Power Requirements	380V±10%, 3~N/PE, 50/60Hz
Forming Materials	PA12, PA12GB, TPU-23, Other Materials
Environmental Requirements	20~30 degrees celsius, humidity within 30%~60%

◆ Auxiliary Machinery



Polymer Powder Processing Station Datasheet

Machine Size	840 × 1180 × 1970mm
Net Weight	700kg
Virgin Powder Cart Capacity	100L
Mixed Powder Cart Capacity	100L
Powder Processing Speed	30kg/30min
Compatible Models	P260Pro
Power Requirements	380V±10%, 3~N/PE, 50Hz, 18A

High-Efficiency Powder Cleaning Station Datasheet

Machine Size	1300 × 900 × 1700mm
Net Weight	300kg
Used Powder Hopper Capacity	110L
Recovery Method	Suction Tube Negative Pressure Recovery
Recycling ability	30-40 mins / chamber
Compatible Models	P260Pro
Power Requirements	380V±10%, 3~N/PE, 50Hz, 3.7A



Sandblasting Station

Machine Size	1000 × 780 × 1750mm
Processing Chamber Size	714 × 723 × 734mm
Net Weight	200kg
Working Consumables	Compressed Air + Glass Beads
Air Consumption	17Nm³/h
Compatible Models	P260Pro, P440Pro
Power Requirements	220V±10%, 1~N/PE, 50Hz, 1kW