



## Specification

Name	P550
Build chamber size X x Y x Z (mm)	550 x 550 x 600
Effective space size X x Y x Z (mm)	540 x 540 x 590
CO2 laser power (w)	100
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)	0.35
Maximum scanning speed (mm/s)	22,000
Dimension of main machine x D x H (m)	1.85 x 1.40 x 2.0
Control unit	Integrated Control Unit
Weight of main machine (kg)	1500
Maximum operating temperature (°C)	210/155
Active cooling	yes
Thermal management for control cabinet	Room temperature air cooling
Lifting trolley	Electric
Options for color of SLS parts	White, black or other colors
Data format	STL
Electrical protection	PL-d Single-channel security control
Powder feeding type	Powder discharged upside, powder fed both sides
Powder recoater	Smart dual blade
Nitrogen generator	Integration
Power	380V , 3P/N/PE , 32A, 50HZ, 8KW

## Introduction

P550 is suitable for the manufacture of most of the products such as aviation, and household appliances, and plastic functional parts at present, giving consideration to its building chamber size and high-efficiency Additive Manufacturing System with extremely high overall performance.

## Applied to

- Automobiles
- Household appliances
- Medical devices
- Aviation
- Education

## Contact

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