

SP-500

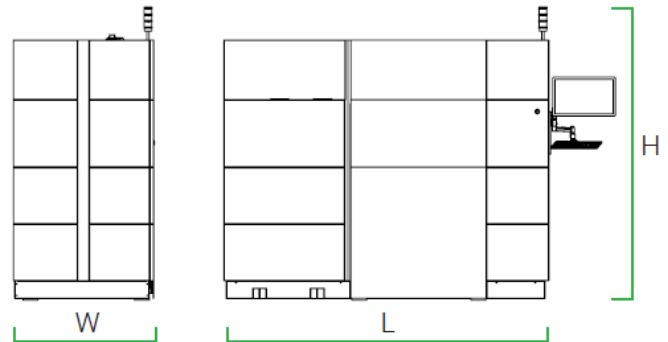


Features :

- Build parts up to 500 x 250 x 250 mm
- Removable build chamber for continuous production
- Bi-directional e-coater
- Variable build area
- 10 min build chamber changeover
- Printing within inert atmosphere
- System certification for aerospace and biomedical

Dimensions (mm)

| Model | L | W | H |
|-------|------|------|------|
| SP500 | 3540 | 1160 | 2580 |



Machine specifications :

General specifications

| | |
|---------------------------------------|-----------------------|
| Machine size | 3540 x 1160 x 2580 mm |
| Weight | 1830 kg |
| Recommended installation space | 5m x 3m x 3m |
| Power supply | 380V-415V, triphasé |
| Power consumption | Max. 15 kW |

Technical specifications

| | |
|-----------------------------------|-----------------------------------|
| Build size | 500 x 250 x 250 mm |
| Layer thickness | 20-100 μ m |
| Precision | \pm 0.05 mm |
| Substrate plate preheating | 300°C |
| Re-coating system | Bi-directional re-coating |
| Laser configuration | 2 fiber laser (IPG) – Yb 500W |
| Build rate | 5-50 cm ³ /h |
| Scanning speed | Max. 7m/s |
| Optical system | F-thêta Lens |
| Shielding gaz | Nitrogen / Argon |
| Filter | H13 |
| Material | Titanium / Aluminium / Steel / Hx |
| Material changing time | 10 min. |