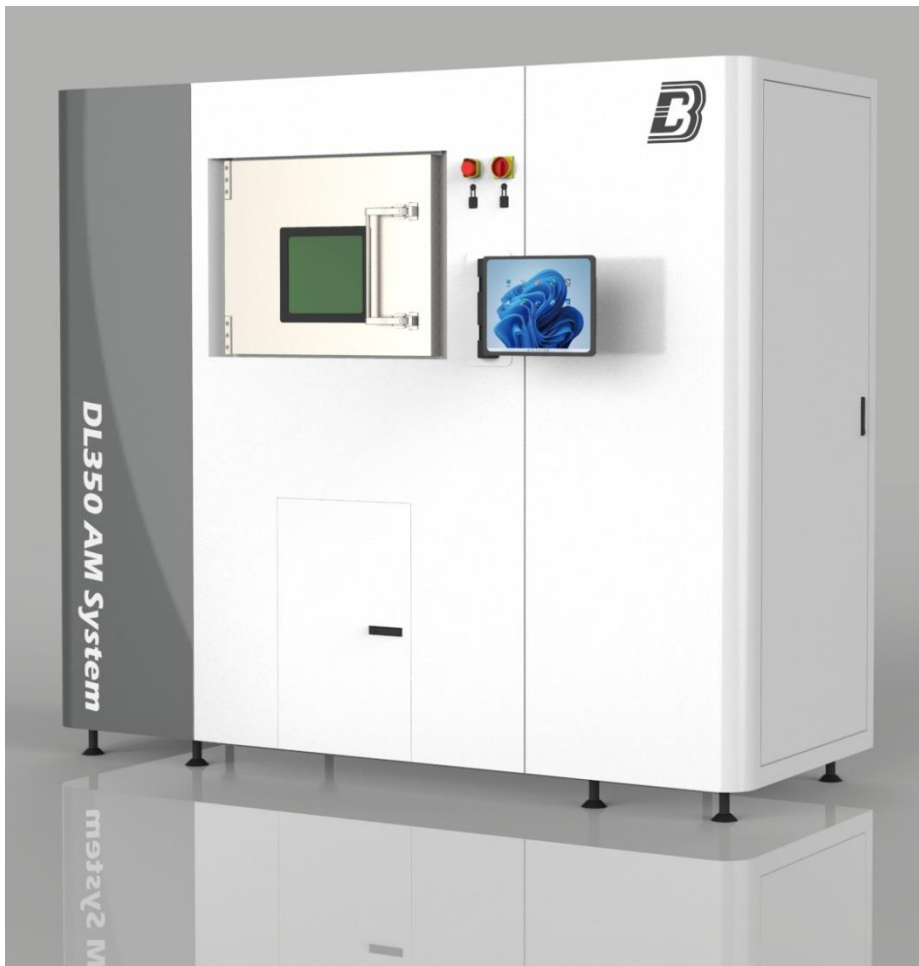


## DL350

## High-End Metal 3D printer (SLM)

**Key Feature**

- Dual high power 500W Fiber lasers
- More metal powder materials supported
- 50-120um dynamic focus spot with high speed monochromator
- 20-100um slicing layer thickness
- Max print part size: 350\*350\*350mm(including substrate)
- Manual (Auto powder-feeding system for optional)
- Bi-directional powder spreading, improve printing efficiency
- Using Argon, Nitrogen to avoid oxidation, auto adjust fan speed
- Best choice of Medical/healthcare/military/aerospace applications

Technology		Powder bed fusion + Laser sintering
Laser Qty/power/type		Dual 500W fiber laser
Laser wavelength		1064 nm
Max print part size (mm)		350(L) x 350(W) x 350(H)
Max resolution (3-axis)		XY: 0.05mm; Z: 0.08mm
Max build rate		40 cm <sup>3</sup> /h
Slicing Layer thickness		20um ~ 100um
Scan mirror		50-120um focus spot with high speed monochromator
Materials feeding		Manual (Auto powder-feeding system for optional)
Air flow/Anti-oxidation		Argon, Nitrogen, 6-8bar, auto fan speed adjustment

## Supported Metal powder materials

Al6061, 7075, AlF357, AlSi10Mg	Magnesium, gold, cobalt chrome MP1, CoCr28Mo6
Cu, CuCrZr, GRCo-42	Inconel IN625,718, 686,939,
Nickel Hastelloy C22 /X, Sterling silver 925	Titanium TA5/Ti64, <b>Pure Tungsten, Tungsten carbide cobalt</b>
Stainless steel: 17-4PH / 316L / M789	Tool steel: 1.2709 / CX / M300 / MS1
Customized: Strengthening Aluminum(self-patent), user specified metal powder	

## Power

Power supply	AC 380V±10% three-phase @50/60Hz
Power consumption	11.4KW

## Environment

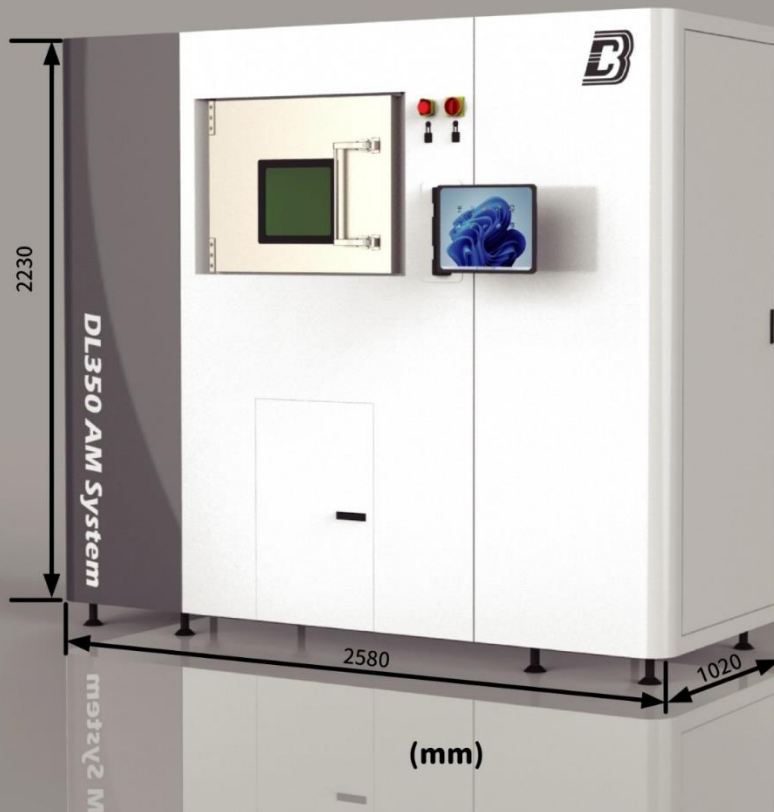
Operation temperature	<23°C
Operation humidity	<45% RH

## Physical

Printer outline Dimension	2580(L) x 1020(W) x 2230(H) mm
Printer Weight	1300 kgs

## Outline Dimension Drawing

 Comfort Beauty Advanced Technology CO., LTD.



### 廠址(Factory ADD) :

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