



Expert on Metal 3D Printing

# HBD 350

## High Capacity Metal Additive Manufacturing System



# Functions & Modules

Precision Optical Path and Multi-Laser System

Automatic Powder Feeding System

Circulation Purification System

Equipment Control System

Intelligent Powder Recoating and Feeding Module

Powder Collection Module



**Host Dimensions**  
**3340mm × 1500mm × 3000mm**  
 (Including the top powder feeding module)

# Technical Parameters

Forming Size	325mm × 325mm × 400mm (height incl. build plate)
Laser Power	500W × 1 / 500W × 2 / 500W × 3
Layer Thickness	20μm-120μm
Scanning Track Width	70μm-200μm
Scanning Speed	≤ 10m/s
Oxygen Content	≤ 100PPM
Protective Atmosphere	Integral sealed, automatic monitoring of oxygen content, recycling cleaning and collection coefficient ≥ 99%.
Relative Density	99.9%+
Typical Accuracy	0.05-0.2mm
Metal Powder	Stainless steel, Cobalt-chrome alloy, Tool steel, Titanium alloy, High temperature alloy, Aluminum alloy, Copper, Hastelloy, Tungsten, Tantalum and some other refractory metals.
Software Package	Full opening within hardware allowed.
Processing Parameter Package	Equipped and customizable.
Weight	2200KG



Laser Full Field Overlap



Single/Dual/Triple Lasers



Customized



Top Powder Supply



Bidirectional Recoating



Closed Cycle System



SGS-CE



ISO 9001

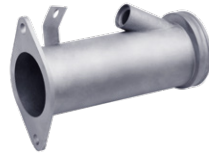


Licensed Patents

## 3D Print Cases



Impeller



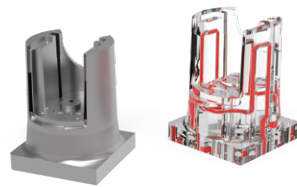
Intake Manifold



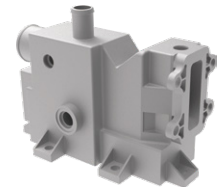
Mold Insert



Shoe Mold



Mold Insert



Hydrogen Energy Reactor

## HBD Partners in the World

SIEMENS



AVIC



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## About Us



### Global leader

Recognized globally for developing and manufacturing metal additive manufacturing equipment, with over 200 patents and prestigious certifications.



### Cutting-edge solutions

Acclaimed metal 3D printing machines installed in 25+ countries, offering advanced capabilities.



### Innovation and quality

Continuous improvement and technological advancements to keep customers ahead.



### Tailored to industries

Customized metal additive manufacturing solutions for mold and die, automotive, aerospace, orthopedic and more.

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