



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
1900mm×1500mm×2300mm

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



ISO9001



Licensed Patents

3D Print Cases



Impeller



Intake Manifold



Mold Insert



Shoe Mold



Mold Insert



Hydrogen Energy Reactor

HBD Partners in the World

SIEMENS



AVIC

SMC



UNITED IMAGING

MAHLE

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MAPTEC
COMPUTER SYSTEMS



BIBUS
SUPPORTING YOUR SUCCESS

Pro CAM
CNC Machines & Controls

COMAC

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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