



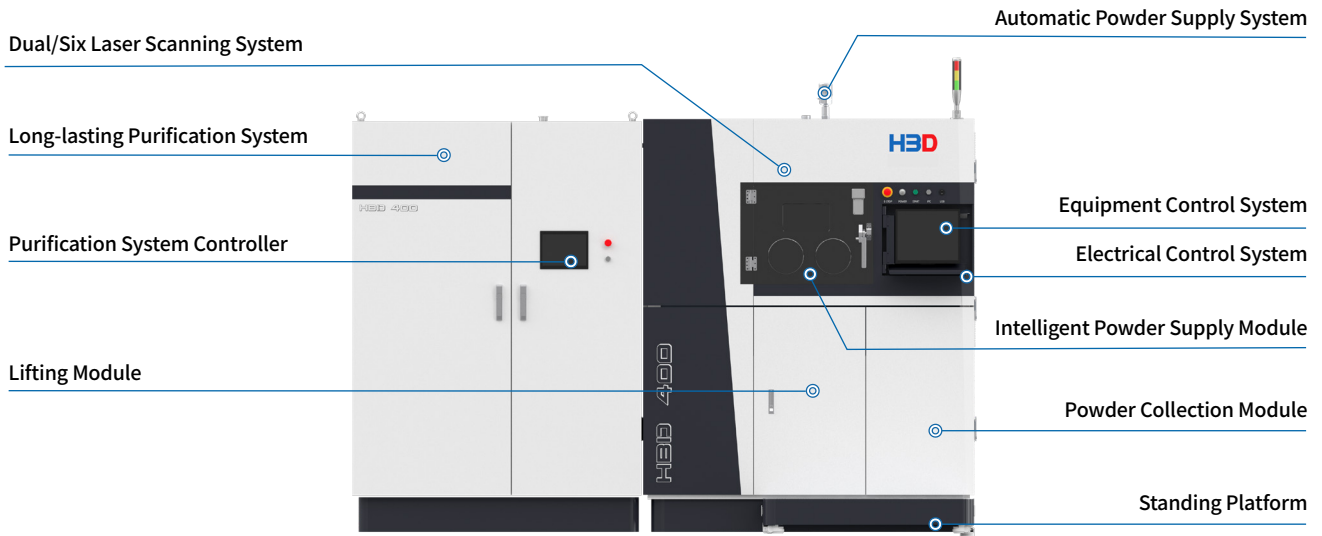
Expert on Metal 3D Printing

# HBD 400

## High Capacity Metal Additive Manufacturing System



# Functions & Modules



# Technical Parameters

Forming Size	350mm×400mm×400mm
Laser Power	500W×2 / 500W×6
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	Titanium alloys, Aluminum alloys, Superalloys, Stainless steel, Mould steel
Software Package	Full opening within hardware allowed.
Processing Parameter Package	Equipped and customizable.
Weight	3300KG
Power Supply	AC380V, 50/60Hz, Peak power ≤16kW, Average power ≤8kW



Dual/Six Laser



Customized



Top Powder Supply



Bidirectional Recoating



Closed Cycle System



SGS-CE

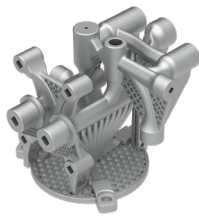


ISO9001



Licensed Patents

## 3D Print Cases



Hydraulic Manifold



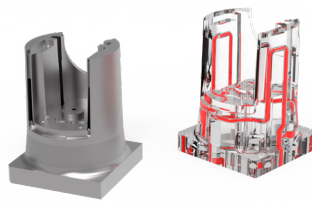
Cell Phone Hinge



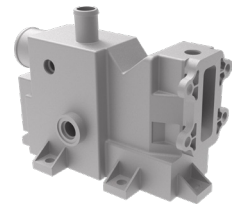
Mold Insert



Shoe Mold



Mold Insert



Hydrogen Energy Reactor

## HBD Partners in the World

SIEMENS



AVIC



UNITED IMAGING

MAHLE

wenext



BIBUS



## 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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