Professional-Grade or Consumer-Grade?

Industrial Manufacturing VS Consumer Manufacturing

Industrial Performance

Reliable & Durable

Large Build Volume

High-Temp Capability



CreatBot D400 HS

Industrial-grade engineering manufacturing

Bambu lab H2D

Consumer-grade personal manufacturing

Core Comparison Dimensions

High Printing Performance	2X Larger Build Volume	Unlock Engineering Material Performance	Industrial-Grade Reliability	Enterprise-Level Service System

PRODUCT POSITIONING

Product Positioning Difference

Not Built on the Same Level



CREATBOT D400 HS

Enterprise-Level Manufacturing Platform

For R&D Engineering Team Manufacturing Enterprises

Accelerate development, validation, and manufacturing



BAMBU LAB H2D

High-Performance Personal Manufacturing

Maker · Designer · Individual Studio

Quickly realize ideas

BUILD VOLUME

2X Larger Build Volume

70L

Build Volume

Build Size:
420 × 400 × 420 MM

CreatBot D400 HS



VS

Bambu H2D



34L

Build Volume

Build Size:
325 × 320 × 325 MM

01

Large Printing

Support bigger industrial models.

02

Stable Printing

Designed for continuous operation.

03

Large Part Production

Reduce assembly requirements.

04

Easy Printing

Improve manufacturing efficiency.

MATERIAL CAPABILITY

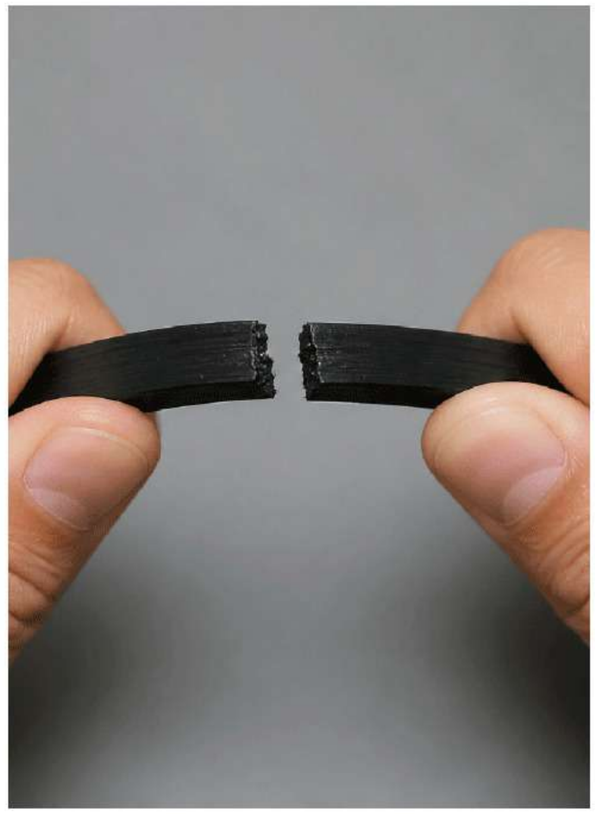
Unlock Engineering Material Performance

Professional engineering material capability beyond consumer printers.

Same spool material testing ensures only equipment differs.



CreatBot D400 HS

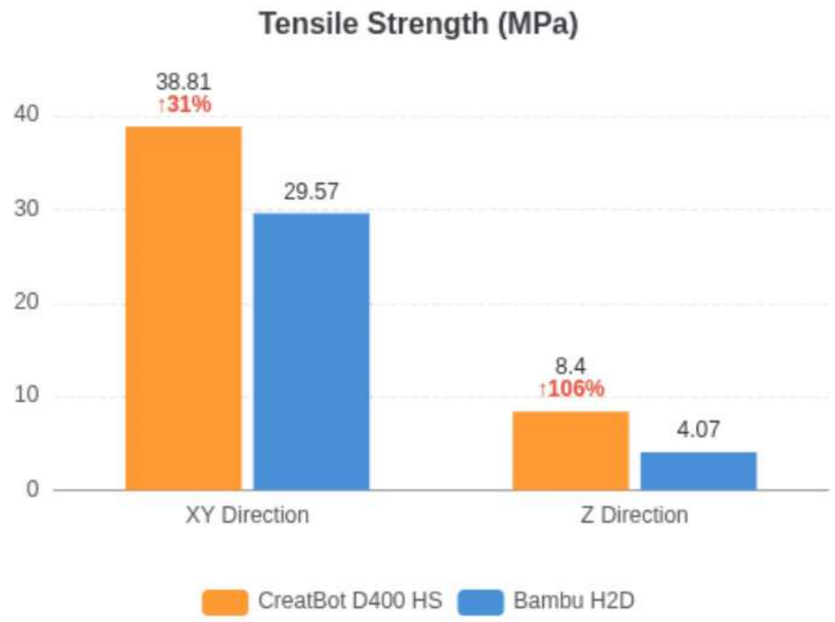


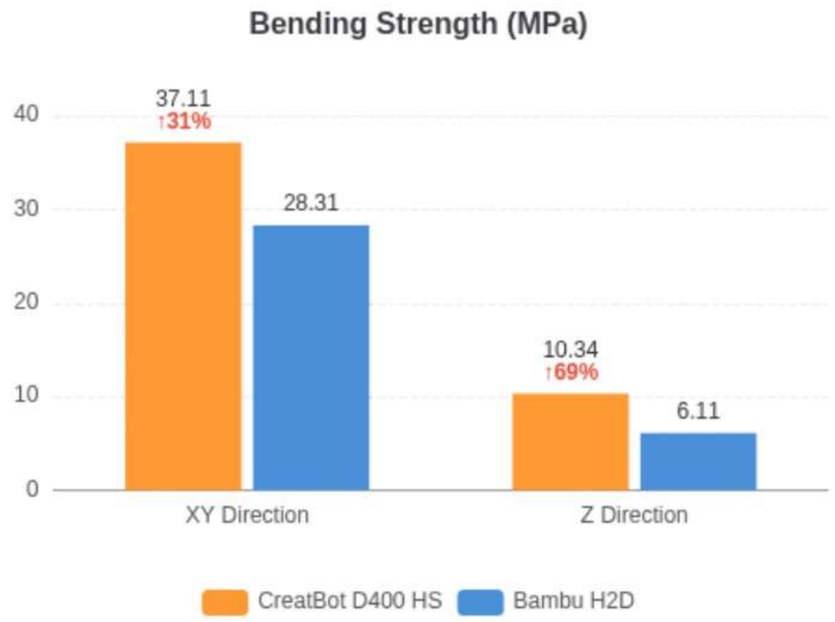
Bambu H2D

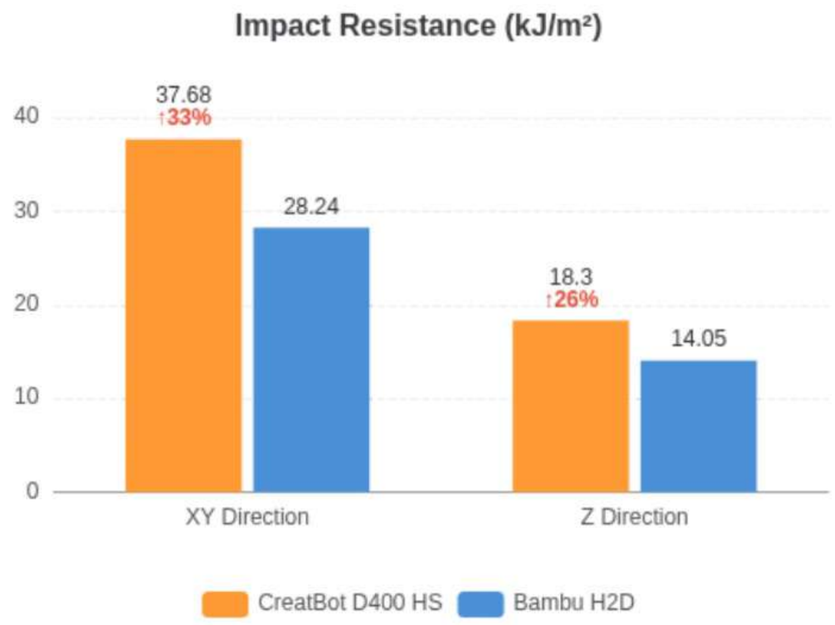
SAME FILAMENT STRENGTH TEST

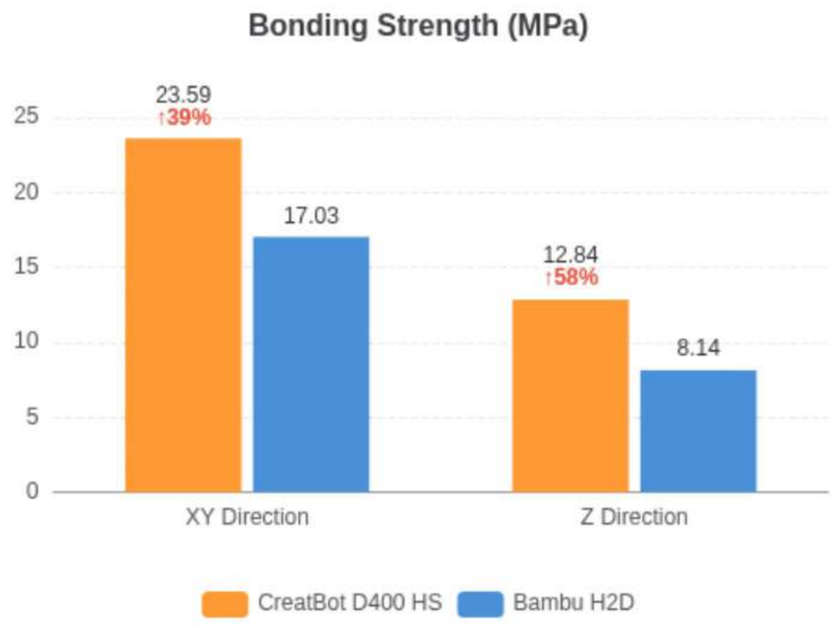
CreatBot D400 HS vs Bambu H2D

View more test data →









Test data from same filament, same printing parameters; results may vary slightly depending on test conditions.
XY direction refers to layers parallel to the build platform; Z direction refers to layers perpendicular to the build platform.

TECHNICAL PARAMETER

Parameter Comparison

90℃ ultra-high flow · Efficient fully melting · Excellent inter-layer bonding and strength



Nozzle Temperature: **420℃**

Chamber Temperature: **70℃**

Flow Rate: **90 mm³/s**

CreatBot D400 HS



Nozzle Temperature: **350℃**

Chamber Temperature: **65℃**

Flow Rate: **25 mm³/s**

Bambu H2D

STRUCTURAL ENGINEERING

Industrial-Grade Reliability

Industrial Platform Technology VS Desktop Manufacturing Legacy

Creatbot D400 HS · Industrial-Grade



Technical Route

Industrial Platform Technology Transfer

Product DNA

Smaller Sibling of Renowned D600 Pro3 HS

Core Capabilities

Inherited Structure / Printhead / Reliability

Bambu H2D · Consumer-Grade



Technical Route

Consumer-to-Professional Evolution

Product DNA

Desktop-Class Expansion

Core Capabilities

User Experience & Smart Optimization

Creatbot D400 HS Industrial DNA

01

High-Rigidity Metal Frame

Industrial-Grade Weight & Stability

02

Professional Extrusion System

High-Temp Material Compatibility

03

Precision Motion + Servo Control

High-Speed, High-Precision

04

7×24 Continuous Operation

10+ Year Design Life

Enterprise Choice: Consumer Upgrade or Industrial Capability?

ENTERPRISE SERVICE SYSTEM

Enterprise-Level Service System

Whole Lifecycle · Exclusive Consultant · Continuous Guarantee — Service Advantage Comparison

Creatbot D400 HS Enterprise-Grade Service

ENTERPRISE-GRADE SERVICE

01 EQUIPMENT DELIVERY

02 INSTALLATION

03 MATERIAL ADAPT

04 PROCESS OPTIMIZE

05 MAINTENANCE

Dedicated Technical Advisor Support

From selection to mass production, equipped with a dedicated technical consultant team, providing 7×24 hour response support

7×24 HOURS

Core Guarantee Points

✓Rapid Production

✓Stable Operation



Consumer-Grade Brand Service

CONSUMER-GRADE SERVICE

Uncovered Service Areas

✗No Dedicated Technical Advisor

✗No Lifecycle Service Guarantee

✗No Process & Material Support

✗Uncertain Response Time

✗No Post-Sale Technical Support

Enterprise-grade service builds core differentiated advantages with exclusive consultants + full lifecycle guarantee + continuous support

CORE DIFFERENCE

Equipment Selection and Application Summary

Comparison Dimensions	CreatBot D400 HS	Bambu H2D
Build Volume	Large Build Volume	Standard Desktop Size
Engineering Materials	Unlocks Engineering Material Performance	Prints, But Limited Quality
Stability	Industrial-Grade Capability at Scale	Consumer-Grade Manufacturing
Key Applications	Large & High-Strength Parts	Everyday Samples & Small Prototypes

Guidance for Business: Choose the solution that matches your manufacturing needs.

ENTERPRISE CHOICE

The Enterprise Choice

CreatBot D400 HS



Large Build Volume

Excellent Material Performance

Industrial Reliability

24/7 Technical Service