BLT

Stock Code:688333.SH

Make Easier Manufacturing
Make a Better World

Metal Additive Manufacturing Machine

BLT-S210

Brilliant Research Tool for R&D Users

CE Safety Certification

Laser FDA Safety Registration

ISO9001:2015 / ISO14001:2015 / ISO45001:2018

The machine design references ATEX (Explosion Proof) Assessment

Forming a Variety of Special Materials | R&D Superior Options | Multiple Universities Recognizing | Comprehensive Quality Control | More Customized Solutions

Intelligence Software
Real-time and traceable monitoring

Modular Design Open Layout
More convenient operation and maintenance

Multiple Safety Interlocking
Safety guarantee for human & machine

The Oxygen Content can be Controlled Below 10ppm
More materials can be formed

Customisable Glove Box
Powder-worker separated Protect personnel security

Supporting Materials	Titanium Alloy, Aluminum Alloy, Superalloy, Cobalt Chromium Alloy, Tantalum, Silver, Stainless Steel, High-strength Steel, Tool Steel, Copper Alloy, Tungsten Alloy
Build Dimension(1)	160mm×160mm×200mm（W×D×H）
Laser Power	500W; 500W×2
Wave Length	1060nm~1080nm
Layer Thickness	20μm~100μm
Maximum Scanning Speed	7m/s
Building Speed(2)	15cm³/h
Preheating Temperature	RT+20℃~350℃
Beam Quality	M^2≤1.1
Optics System	F-theta Lens
Recoating	Single-direction Variable-speed Recoating
Minimum Oxygen Content	≤100ppm
Gas Requirement	Ar/N_2
Power Requirement	≤5.5kW; 7kW
Supply Voltage	AC220V 1Ph/N/PE
Machine Dimension(3)	1350mm×950mm×1950mm（W×D×H） Height of Tri-color Indicator: Approx.380mm
Machine Weight	Approx. 970kg
Software	Magics; BLT-BP; BLT-MCS

Citations: (1)Excluding substrate thickness. (2)Dependent on part geometry, material and parameter set used.
(3)The dimension does not include the height of tri-color indicator and the height is remarked separately.
The dimension is only theoretical, the actual data is affected by the configuration, subject to the installation.
*The data is under the condition of BLT, and the data is subject to actual sales.

*The figure of the machine is only for illustration, and the product is subject to actual sales.

LinkedIn
Bright Laser Technologies-BLT

YouTube
Bright Laser Technologies

TikTok
@brightlaser.technologies

No.1000 Shanglinyuan Seventh Road, Hi-tech Zone, Xi'an City, Shaanxi Province, P.R.China 710000
+86(029)-8848 5673-Turn8016 sales.global@xa-blt.com www.xa-blt.com/en/

© 2024.10 All rights reserved by Xi'an Bright Laser Technologies Co., Ltd.

BLT

Stock Code:688333.SH

Make Easier Manufacturing
Make a Better World

BLT-S210 APPLICATIONS

Tianium Alloy
Flexible Structure

Co-Cr-Mo Alloy
Femoral Condyle（Exhibit）

Tantalum Alloy
Acetabular Cup（Exhibit）

Bronze
He Zun

BLT 10th Anniversary
Silver Badge

BLT-S210 INTELLIGENT MODULES

Standard Functions	Hierarchical Fault Diagnosis/ Real-time Status Monitoring/ Process Data Traceability
Optional Functions	Smaller Research Platform/Powder Spreading Quality Control/ Temperature Field Monitor/Upgraded Laser Power Solution

BLT-S210 CONSUMABLES AND POWDERS

Consumable

Scraper/Substrate
/Filter Element

Powder

Titanium Alloy/Aluminum Alloy/Superalloy/Cobalt Chromium Alloy/Tantalum/
Silver/Stainless Steel/High-strength Steel/Tool Steel/Copper Alloy/Tungsten Alloy

UNIVERSITIES WHO CHOSE BLT-S210

No.1000 Shanglinyuan Seventh Road, Hi-tech Zone, Xi'an City, Shaanxi Province, P.R.China 710000
+86(029)-8848 5673-Turn8016 sales.global@xa-blt.com www.xa-blt.com/en/

© 2024.10 All rights reserved by Xi'an Bright Laser Technologies Co., Ltd.