



Stock Code:688333.SH

Make Easier Manufacturing
Make a Better World

Metal Additive Manufacturing Machine

BLT-A160



ISO9001:2015 / ISO14001:2015 / ISO45001:2018

Small Parts Batch Production Platform

Double Lasers
Make Efficient
Production

High-accuracy
& Superior
Production

Equivalent to
Aviatic Quality
Level

Lower Cost for
Machine
Maintenance

24-hour
Unattended
Operation



Efficient Production
Double beams make
double efficiency



Substrate without Screw
Faster loading
& time saving



**Variable speed
powder spreading**
Maximize machine
utilization



Back Blowing Filter
Continuous work
Uninterrupted production



Intelligent Software
Real-time and
traceable monitoring

Supporting Materials	Titanium Alloy, Stainless Steel, Superalloy, Cobalt Chromium Alloy
Build Dimension ⁽¹⁾	160mm×160mm×200mm (W×D×H)
Laser Power	200W/500w; 200W/500W×2
Wave Length	1060nm-1080nm
Layer Thickness	20μm~100μm
Maximum Scanning Speed	7m/s
Building Speed ⁽²⁾	Approx. 15cm ³ /h; Approx. 30cm ³ /h
Preheating Temperature	RT +20°C/RT +20~200°C
Optics System	F-theta Lens
Beam Quality	M ² <1.1
Recoating	Variable Speed Recoating System
Minimum Oxygen Content	≤100ppm
Gas Requirement	Ar/N ₂
Power Requirement	≤5.5kW; ≤7kW
Supply Voltage	AC220V 1Ph/N/PE
Machine Dimension ⁽³⁾	1450mm×1050mm×2150mm (W×D×H) Height of Tri-color Indicator: Approx.380mm
Machine Weight	Approx. 1100kg
Software	Magics; BLT-BP; BLT-MCS; Exclusive Data Processing Software for Dentistry



*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

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.

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➤ BLT-A160 APPLICATION CASES



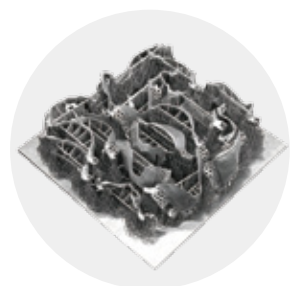
Terra-cotta Warriors
Desktop Ornaments



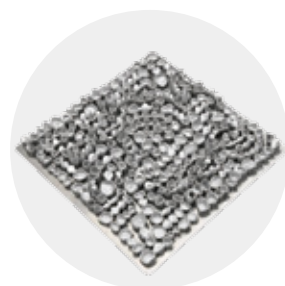
Bottle Opener



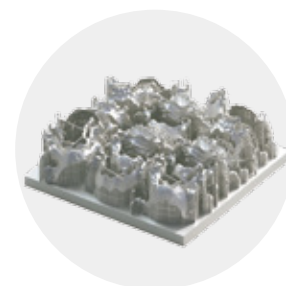
Rollerball Pen



Cobalt Chromium Alloy Oral Stent



Cobalt Chromium Alloy
Dental Crown



Titanium Alloy Oral Stent

➤ BLT-A160 INTELLIGENT MODULES

Standard Functions

Diagnosis Fault-grading/Multiple Safety Interlocking Mechanism/Real-time Status Monitoring

Optional Functions

BLT-MES System

➤ BLT-A160 SUPPORTING CONSUMABLE

Consumable

Scraper/Substrate/Back Blowing Filter Element

Powder

Titanium Alloy/Stainless Steel/Superalloy/Cobalt Chromium Alloy