



Stock Code:688333.SH

MAKE EASIER MANUFACTURING
MAKE A BETTER WORLD

Metal Additive Manufacturing Machine BLT-S210



ISO9001:2015 / ISO14001:2015 / ISO45001:2018

Brilliant Research Tool for R&D Users

Forming a Variety
of Special Materials

R&D Superior
Options

Multiple Universities
Recognizing

Comprehensive
Quality Control

More Customized
Solutions



**High-end Core
Components**
Stable & reliable:
From international brands



Intelligence Software
Real-time and
traceable monitoring



**Modular Design
Open Layout**
More convenient operation
and maintenance



**All Process
Parameters are Open**
294 parameters
can be edited



**Multiple Safety
Interlocking**
Safety guarantee for
human & machine



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

Supporting Materials	Titanium Alloy, Aluminum, Superalloy, Cobalt Chromium Alloy, Tantalum, Silver, Stainless Steel, High-strength Steel, Tool Steel, Copper Alloy, Tungsten Alloy, Magnesium Alloy
Build Dimension ⁽¹⁾	105mm×105mm×200mm (W×D×H)
Laser Power	500W
Wave Length	1060nm~1080nm
Layer Thickness	20μm~100μm
Maximum Scanning Speed	7m/s
Building Speed ⁽²⁾	15cm ³ /h
Preheating Temperature	RT+20°C~350°C
Beam Quality	M ² < 1.1
Optics System	F-theta Lens
Recoating	Single Variable Speed Recoating System
Minimum Oxygen Content	≤100ppm
Gas Requirement	Ar/N ₂
Power Requirement	≤5kW
Supply Voltage	AC220V 1Ph/N/PE
Machine Dimension	1300mm×1000mm×1850mm (W×D×H)
Machine Weight	Approx. 900kg
Software	Magics; BLT-BP; BLT-MCS



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Citations: (1)Excluding substrate thickness; (2)Dependent on part geometry, material and parameter set used.

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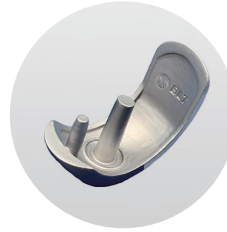
BLT-S210 APPLICATIONS



Titanium Alloy
Flexible Structure



Magnesium Alloy
Porous Orthopedic
Implant (Exhibit)



Co-Cr-Mo Alloy
Femoral Condyle (Exhibit)



Bronze
He Zun

BLT-S210 INTELLIGENT MODULES

Standard Functions

Self-diagnosis Fault-grading/Real-time Monitoring of the Printing Process
/Full Printing Process Traceability

Optional Functions

Smaller Research Platform Module/Laser Power Upgrade Solution

BLT-S210 CONSUMABLES AND POWDERS

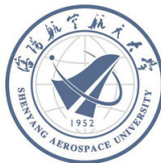
Consumable

Scraper/Substrate
/Filter Element

Powder

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

UNIVERSITIES WHO CHOSE BLT-S210



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