



Stock Code: 688333.SH

MAKE EASIER MANUFACTURING
MAKE A BETTER WORLD

Metal Additive Manufacturing Machine

BLT-A300/A320



CE Safety
Certification



Laser FDA Safety
Certification



ATEX (Explosion Proof)
Certification



ISO9001:2015 / ISO14001:2015 / ISO45001:2018

Continuous and Economic Production

Stable Full-substrate
Printing

High-accuracy and
High-quality Production

A Variety of
Application Scenarios

Two Optics
Configurations

24-hour
Unattended Operation



**Variable Speed Adaptive
Powder Spreading**
Intelligent powder
saving&printing efficiency
UPPING



**Advanced Flow
Field Design**
The forming quality
is greatly improved



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



**ETHRCAT
Telecommunications**
Rapid communications
Accurate synchronization



**Back Blowing
Filtration System**
Filter's life lasts
for 1500 hours



**BLT-MES System
Upgraded Available**
Centralized management
Intelligent interconnection

Supporting Materials	Titanium Alloy, Aluminum Alloy, Superalloy, Cobalt-chromium Alloy, Stainless Steel, High-strength Steel, Tool Steel, Copper Alloy
Build Dimension ⁽¹⁾	250mm×250mm×300mm(W × D × H)
Laser Power	500W; 500W×2
Wave Length	1060nm-1080nm
Layer Thickness	20μm~100μm
Maximum Scanning Speed	7m/s
Building Speed ⁽²⁾	25cm ³ /h; 50cm ³ /h
Preheating Temperature	RT +20°C~200°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	≤6kW; ≤8kW
Supply Voltage	AC380V 3Ph/N/PE
Machine Dimension	2000mm×2000mm×2200mm (W × D × H)
Machine Weight	Approx. 2600kg
Software	Magics、BLT-BP、BLT-MCS



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



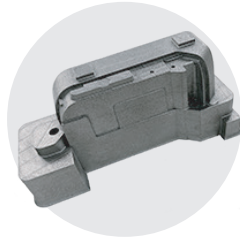
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BLT-A300/A320 APPLICATIONS



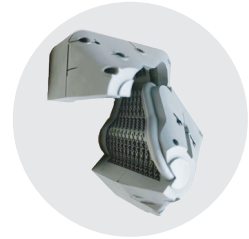
Tire Mold



Cooling Channel Mold



Sprue Bush



Lightweight Waterway Mold

BLT-A300/A320 INTELLIGENT MODULES

Standard Functions

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

Optional Functions

Automatic Grafting/BLT-MES System

BLT-A300/A320 AUXILIARY MACHINES



Powder Sieving Machine
BLT-SF400



Powder Collection Machine
BLT-WL200



Powder Cleaning Machine
BLT-QF400

BLT-A300/A320 CONSUMABLES AND POWDERS

Consumable

Scraper/Substrate/Filter Element

Powder

Titanium Alloy/Aluminum Alloy/Superalloy/Cobalt-chromium Alloy/
Stainless Steel/High-strength Steel/Tool Steel/Copper Alloy