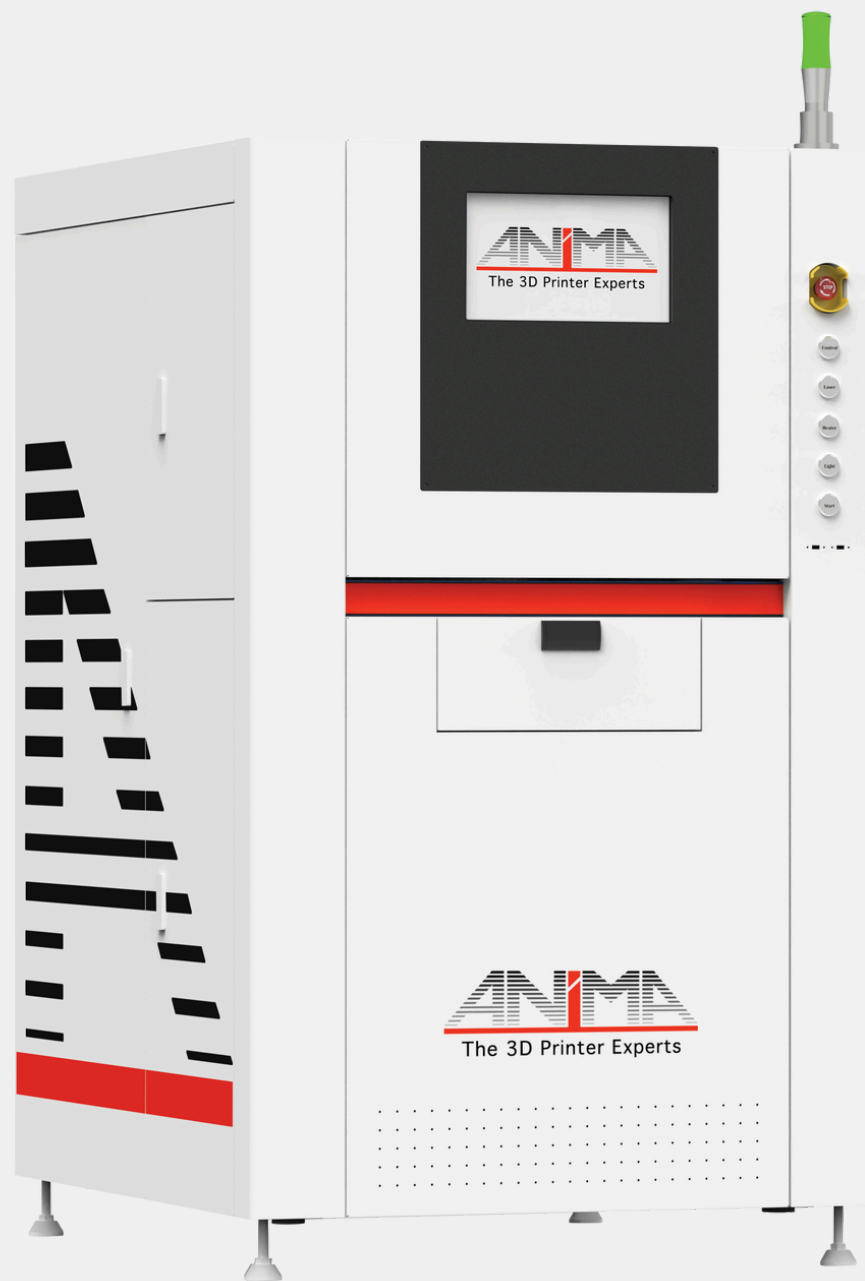
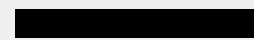




The 3D Printer Experts

# A1 Industrial Metal 3D Printer



ANiMA 3D Printers

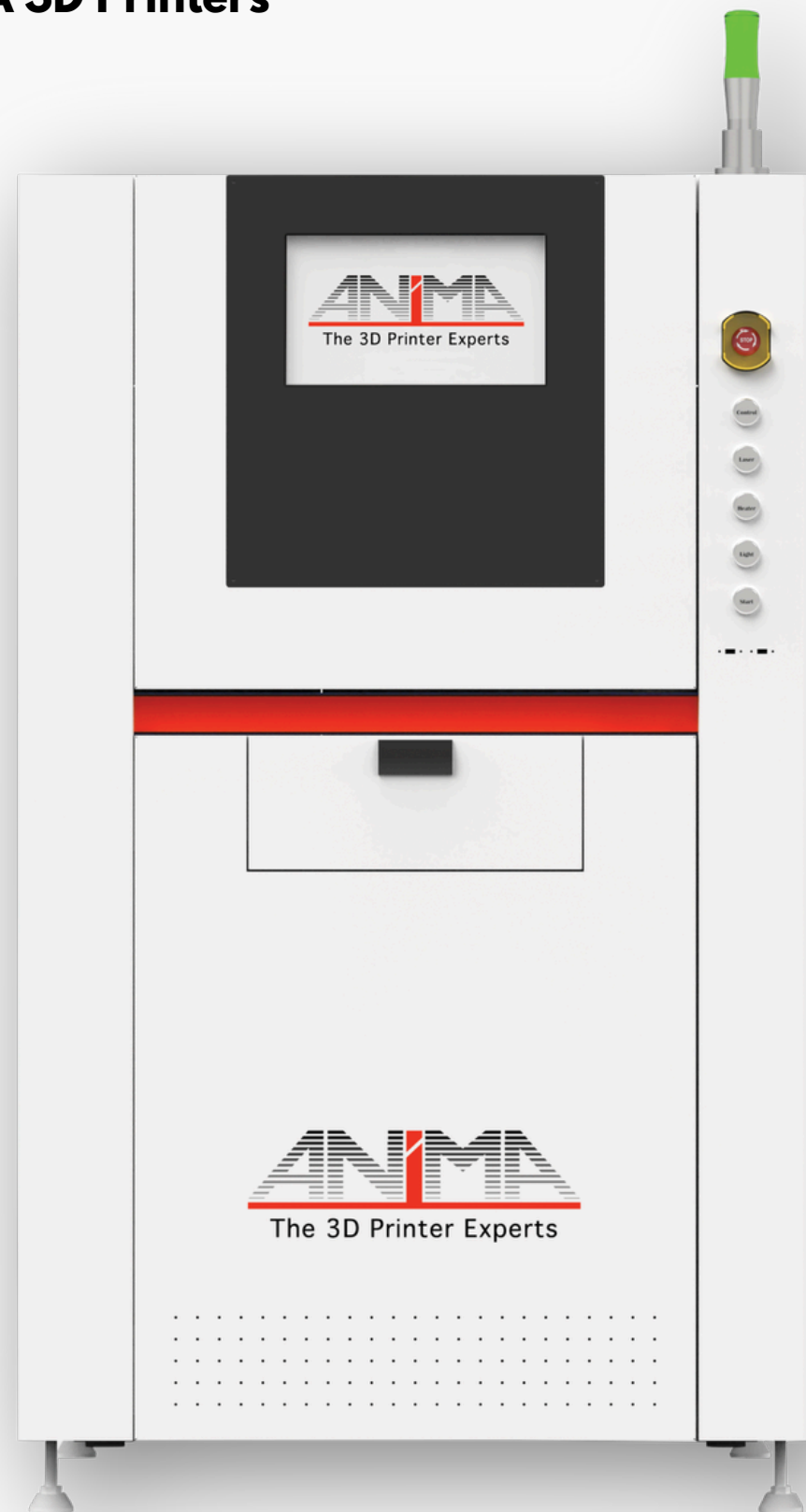
# Introducing A1

## Positioning

A compact, well-designed industrial machine built for manufacturing and research. A1 is designed to integrate seamlessly into production lines, offering unparalleled value and versatility.



## ANiMA 3D Printers



### **01 VERSATILE BUILD VOLUME OPTIONS**

Tailor your build volume to meet the specific needs of your projects. Whether you're creating smaller parts for research or larger components for production, A1 delivers.

### **02 TOP-QUALITY COMPONENTS**

Engineered with the highest quality components, ensuring reliability and precision in every print.

### **03 INNOVATIVE DESIGN**

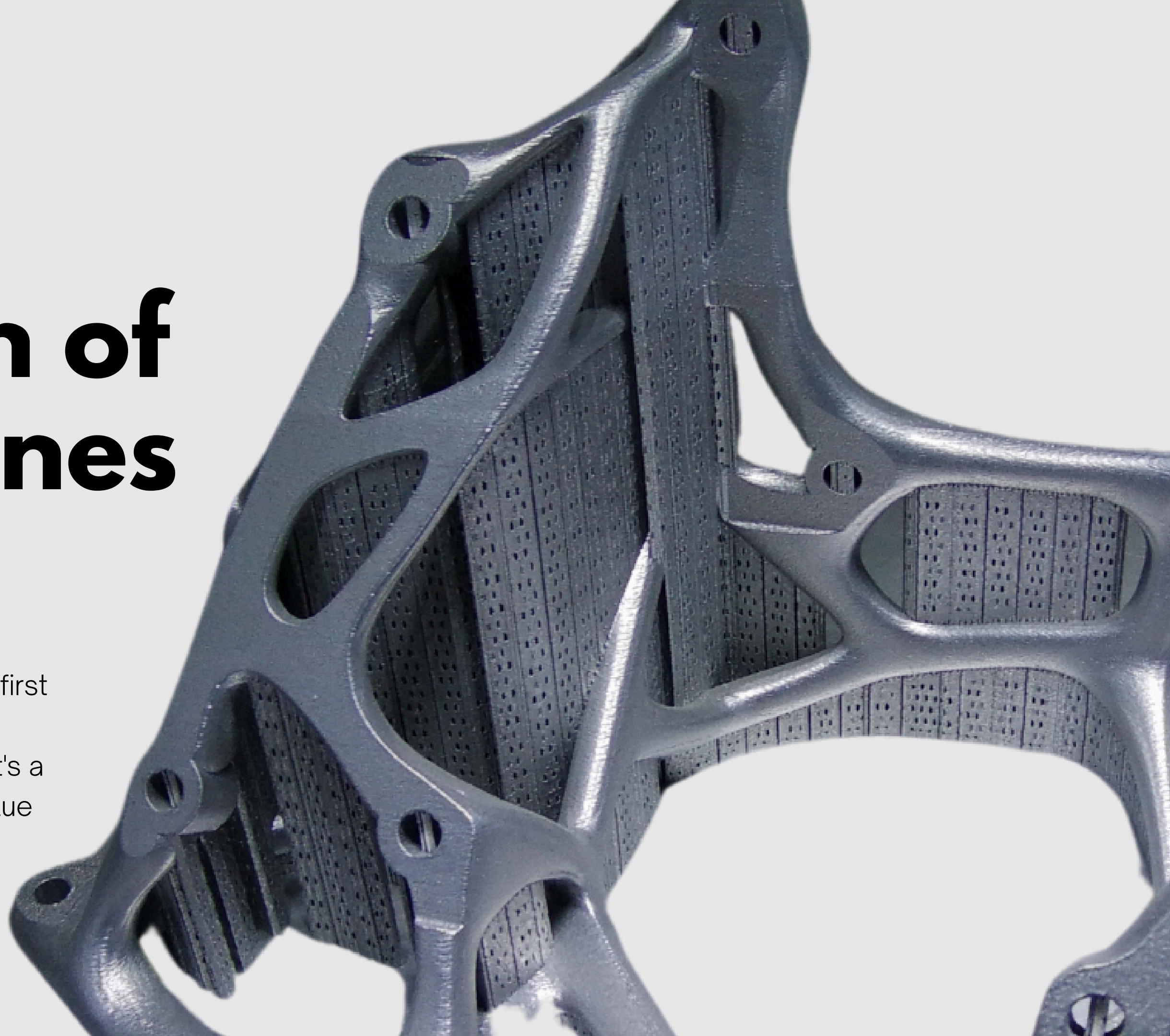
A sleek, modern design that fits perfectly into any workspace without compromising on industrial strength.

ANiMA 3D Printers

# A New Generation of SLM Machines

---

The world doesn't need just another SLM machine; it needs a game-changer. A1 is the first step in a new path, leading the way in 3D printing innovation. This isn't just a machine; it's a revolution, designed to provide additional value and streamline your production process.



## ANiMA 3D Printers



LASER	
Type	Fiber Laser (IPG)
Wavelength	1064nm
Laser Power	500W (upgrade up to 2x500W)
RECOATING SYSTEM	
Process	Single or double side coating
Normal build style	0.05mm
Quick build style	0.05-0.15mm
Precision build style	0.02-0.05mm
OPTICAL & SCANNING	
Beam (diameter @ 1/e <sup>2</sup> ):	0.04~0.15 mm
Focus style	Scan Lab High-speed galvanometer
Reference Building rate	2~15 cm <sup>3</sup> /h
Blank Jumping Speed	10.0 m/s (recommended)
BUILD VOLUME	
Volume	Approx. 5L
XYZ platform	<b>160mm(X) * 160mm(Y)* 200mm(Z)</b>
Heating style	Precision resistance wire heating
Gas shielded	Nitrogen, argon
SOFTWARE	
Network	Windows 10 Pro, Ethernet, IEEE802.3
Control Software	iSLM ZRapid Software
Data Preparation Software	3D Layer, Materialise Software (optional)
Compatible formats:	SLC file, CLI file, STL file
INSTALLATION CONDITION	
Power	220-240VAC 50/60Hz, Single-phase, 16Amps
Ambient temperature	20-26°C
Relative humidity	Less than 40%, non-condensing
Machine Size	1.10m(W) X 1.30m(D) X 1.85m(H)
Machine Weight	Approx. 1000 Kg
WARRANTY	
Laser	5000 hours or 12months (whichever comes first)
Main Machine	one (1) year from the date of installation date