VELO 3D

INVESTOR PRESENTATION | *August 2025*

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Company Overview

We are visionary, innovative, collaborative, and bold – unlocking the next generation of metal 3D printing

Founded
2014

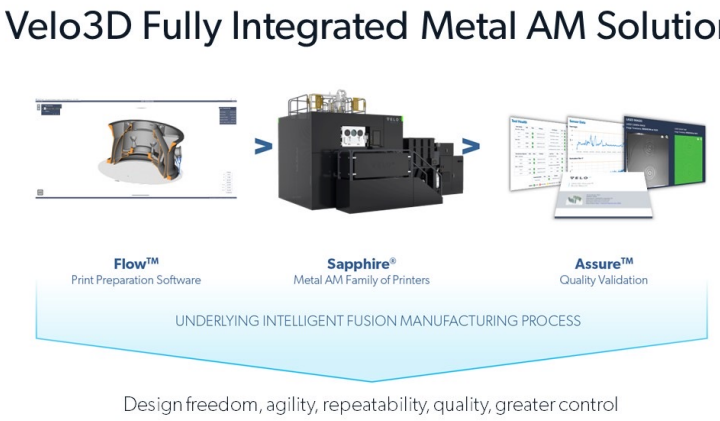
Headquarters
Fremont, CA

Employees[1]
133

What We Do

We are a leading provider of advanced metal additive manufacturing (AM) 3D printing solutions, offering a full-stack manufacturing platform used across industries such as space, aviation, defense, automotive, energy, and semiconductors to enhance performance, reduce costs, and accelerate production.

Velo3D Fully Integrated Metal AM Solution



Our Winning Differentiators

- **Disruptive Additive Manufacturing ("AM") Platform:**
  - **Proprietary laser powder bed fusion ("L-PBF") technology** enables complex, support-free metal parts, reducing costs, lead time, and enabling on-demand, low-volume production. Velo3D is differentiated by enabling affordable scalability of complex geometries of large metal parts
- **Strong Relationships with Leading Customers:**
  - Strong direct and indirect relationships with industry leaders, backed by a track record of **value delivery**, **repeat sales**, and **growing market adoption**
- **Tailored Support That Meets Customer Needs:**
  - Whether it's hands-on white service or empowering customers through training and self- sufficiency to drive success, we **align our support model to each customers' needs** – so they get exactly what they need to succeed, when they need it
- **Robust Intellectual Property Portfolio:**
  - **63 issued patents**, **51 pending applications**, and trademark protections extending through 2047 create a **strong IP moat** supporting long-term differentiation and competitive advantage
- **Capital-Efficient Business Model:**
  - **Asset-efficient model** focused on rapid return on investment that support scalable, **high-margin growth**

1) *As of July 25, 2025*

Arrayed Additive & Velo 3D – Stronger Together

Arrayed Additive, a leader in lightweight additive manufacturing technology, expands market opportunities, provides production scale, and significantly strengthens balance sheet

- Supplier of magnesium & aluminum components to top OEMs
- Serving **aerospace, automotive, and general engineering markets**
- High performance, complex, and lightweight parts – scale driven by **production repeatability**
- Offers customers **total solution approach** – material selection through postproduction quality assurance

ARRAYED ADDITIVE INC

+

VELO 3D

Strategic Rationale

1. **Technology Leadership**
2. **Marquee customer base serving critical industries**
3. **Complementary technology & products**
4. **U.S.-based company aligns with re-shoring trend**
5. **Expands market opportunity**
6. **Cost synergies**

Diverse Customer Base: Defense, Space, Aviation, and Energy

Velo3D's customers are some of the biggest names in the industry

Defense / Aerospace

RTX

U.S. AIR FORCE
3 Active Efforts

NAVY
4 Active Efforts

Huntington Ingalls Industries

LOCKHEED MARTIN

GENERAL DYNAMICS

KRATOS

SIKORSKY
A LOCKHEED MARTIN COMPANY

Leading Aerospace/Defense OEM

innoveering
A GE Aerospace Company

HERMEUS

Space

AEROJET ROCKETDYNE

AVIO

FIREFLY AEROSPACE

IMPULSE SPACE

NASA

SPACEX

ULA

URSA MAJOR
FLY FASTER

VAYA SPACE

VELO 3D

Energy/Semiconductors

Leading Semiconductor Equipment Supplier

Lam RESEARCH

PWR
ADVANCED COOLING TECHNOLOGY

SCHOELLER BLECKMANN
OILFIELD EQUIPMENT

CM

ADDMAN
ENGINEERING

ATI

CARPENTER ADDITIVE

KRM
KESELOWSKI ADVANCED MANUFACTURING

KNUST-GODWIN

Mears
MACHINE CORPORATION

TAIYO NIPPON SANSO
The Gas Professionals

VALIANT

Geopolitics Demands Domestic Supply Chain

Key drivers of reshoring: national security, economic resilience, simplified supply chain, localized production

- Reshoring to be key investment theme of the next 5-10 years
- Annualized US manufacturing construction spend rose 86% to $237 billion (2022 – 2024)
- 90% of North American manufacturing companies have relocated part of their production / supply chain to the US in the past five years (50% shifting more than 20% of operations)
- Significant Pentagon emphasis on US defense-related manufacturing
- Increasing focus on securing domestic production of critical materials

Velo3D - Only US Home Grown Large-Format Metal Additive Manufacturing Company

Velo3D Printed Hypersonic Scram Jet

Industry Tailwinds Driving Large Addressable Market Adoption

Our differentiated technology gives us a competitive advantage in the untapped global market opportunity for high-value metal parts

3D – Printing Metals Market Overview[1,2]

- The metal 3D printing market was valued at **$1.19 billion in 2025** and is expected to reach **$3.62 billion by 2030**, growing at an annual rate of **25%**
- It allows companies to make **complex, hard-to-produce parts** more easily and at lower cost than traditional manufacturing, **speeding up prototyping** and **shorten product development cycles**
- Recent improvements have boosted **printing speed, accuracy, material use,** and part durability. As a result, metal 3D printing is being adopted for **full-scale production**, not just prototypes
- Key industries driving growth include **aerospace, automotive, and healthcare**, where demand for **lightweight, complex metal parts** is rising
- **Advances in printer technology** and **metal materials** – like titanium, stainless steel, and cobalt chrome – are expanding the range of applications

Industry Tailwinds

- Reshoring – Government-backed reshoring & supply chain programs
- Rebuilding industrial base
- Deficient traditional metal supply chain

Market Statistics[2]

- $1.2B metal AM market (2025)
- Growing 25% CAGR
- $3.6B Market by 2030

1) Markets and Markets: 3D Printing Metals Market by Metal Type Report
2) Additive Manufacturing Research: Q4 2024 3DP/AM Market Data and Forecast

Autonomous Factory Solution for National Readiness

The AWS of Advanced Manufacturing

Key Challenge

Critical Parts production is slow, fragmented, and dependent on manual processes and fragile global supply chains

The Opportunity

Build a resilient, intelligent, and autonomous manufacturing network using Velo3D's proven platform

Enabling Mission-Critical Metal Parts

- ❑ On Demand
- ❑ Anywhere
- ❑ Anytime

Foundation Years 1 – 2

- Enhance print file into full Digital Twin format
- Launch Velo version one: autonomous job control & scheduling

Intelligence & Distribution Years 3 – 4

- AI-driven quality prediction and adaptive build control
- Federated manufacturing: deploy certified twins across sites
- Expand capacity with DoD and prime contractors

Platformization Year 5

- Launch Velo as Platform-as-a Service (PaaS)
- Enable autonomous factory handoff: print → post-processing
- Deploy AI Co-Pilot to assist with part design & certification

Long-Term Vision (10+ Years)

- Become the AWS of Advanced Manufacturing
- Every certified Velo3D print file is a secure Digital Twin
- Every Velo3D-enabled machine is a node in a national production network
- On-demand manufacturing for defense, space, energy, and security for US supply chain

Our Rapid Production Solutions (RPS) vs. Traditional Mfg.

Velo3D's RPS model offers a next-generation, digital-first manufacturing approach built for speed, complexity, and mission-critical industries, without compromising performance, lead time, or traceability

Key Factors	Traditional Manufacturing	VELO 3D RPS Model
Design Constraints	• Redesigned to fit casting/machining	✓ Design-true with SupportFree printing
Lead Time	• 8–20 weeks (tooling/vendor delays)	✓ 1–4 weeks direct from CAD
Tooling Cost	• High cost, long lead times	✓ Zero – digital eliminates tooling
Supply Chain Complexity	• Multiple vendors/steps	✓ End-to-end under one roof
Volume Flexibility	• Cost-effective only at high volume	✓ Profitable at low–med volume with fast iteration
Change Adaptability	• Slow, costly changes	✓ Instant updates via reprint
Traceability	• Manual, fragmented	✓ Full digital build/layer record
Industry Fit	• General/commodity	✓ Aerospace, Defense, Space, Energy
Part Complexity	• Limited; often requires assemblies	✓ Fully integrated complex prints
Qualification Ready	• Requires post-process inspection	✓ Real-time monitoring & in-process QA

Go-to-Market Strategy: Key Markets with High Demand

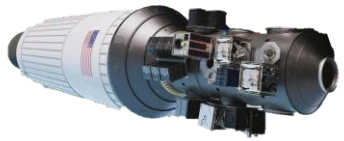
Securing domestic supply and partnering with local governments to meet growing demand amid geopolitical shifts

DoD/Primes

- Defense industrial base must scale quickly - PRC, Russia
- Process needs to be repeatable – Golden File capability
- Onshoring - only US home-grown large-format metal AM Company
- AM - key to critical technologies (USAF, Navy Subs, Hypersonics / Propulsion)

Space & Aerospace

- Traditional supply chain is broken
- Casting replacements have staggering lead times - >52 weeks
- Velo tech offers demand responsiveness with improved performance
- FAA parts compliance – in process



Semiconductor

- AI boom driving increased CapEx demand
- Increasing complexity driving new manufacturing technologies
- Market leadership secured by AM adoption
- Investing in U.S. AM suppliers to ensure domestic supply chain

Near-term Demand Proof Points

Customer	Large Defense Primes	US Navy Programs and Affiliates	Large Suppliers to USAF Programs	Leading Semiconductor Equipment Supplier
Why Velo3D	• Large print envelope size and complex geometric capabilities • Unattainable with competitive AM offerings	• Large print size • Deep expertise on part qualification & first article development • Alloy suitable for maritime applications	• Build volume and throughput capabilities • Competitive cost • Accelerated delivery timeline	• Technological superiority to produce highly complex internal geometry • Rapid iteration in addressing technical challenges
Opportunity	**Multi-alloy coverage (In718, Ti64, Aluminum)** • Multiple system purchases • Additional parts coming online • Long-term RPS needs for traditional supply chain replacement	**Rebuilding U.S. maritime industrial capabilities to catch up with adversaries** • Multiple system sales • Recurring RPS / Services contract	**Very large volume expected for munition replenishment** • Exponential increase in volume for single part • Stamp & repeat - high yield and high margin	**Proven technical abilities allows for multiple customer departments to engage with Velo3D** • System sales to enable production quantity at Velo3D or at CM • Parts in queue to qualify for RPS
Current Status	**First components delivered; testing underway** • FAA certification in progress • Additional programs in discussion	**First XC purchase and services contract completed** • Ship-in-place arrangement allows for system sales revenue and recurring RPS revenue	**Signed first contract, executing initial orders** • Validation testing began late 2024 • Fulfilling customer requests for faster production ramp	**System purchased with services contract in place** • Exploring capacity expansion • Additional parts in dev, similar size • Moving to production mid-2025

Attractive Business Model

Shifting business model to parts printing through RPS will drive long-term revenue and EBITDA growth

1 Rapid Production Solutions (RPS)

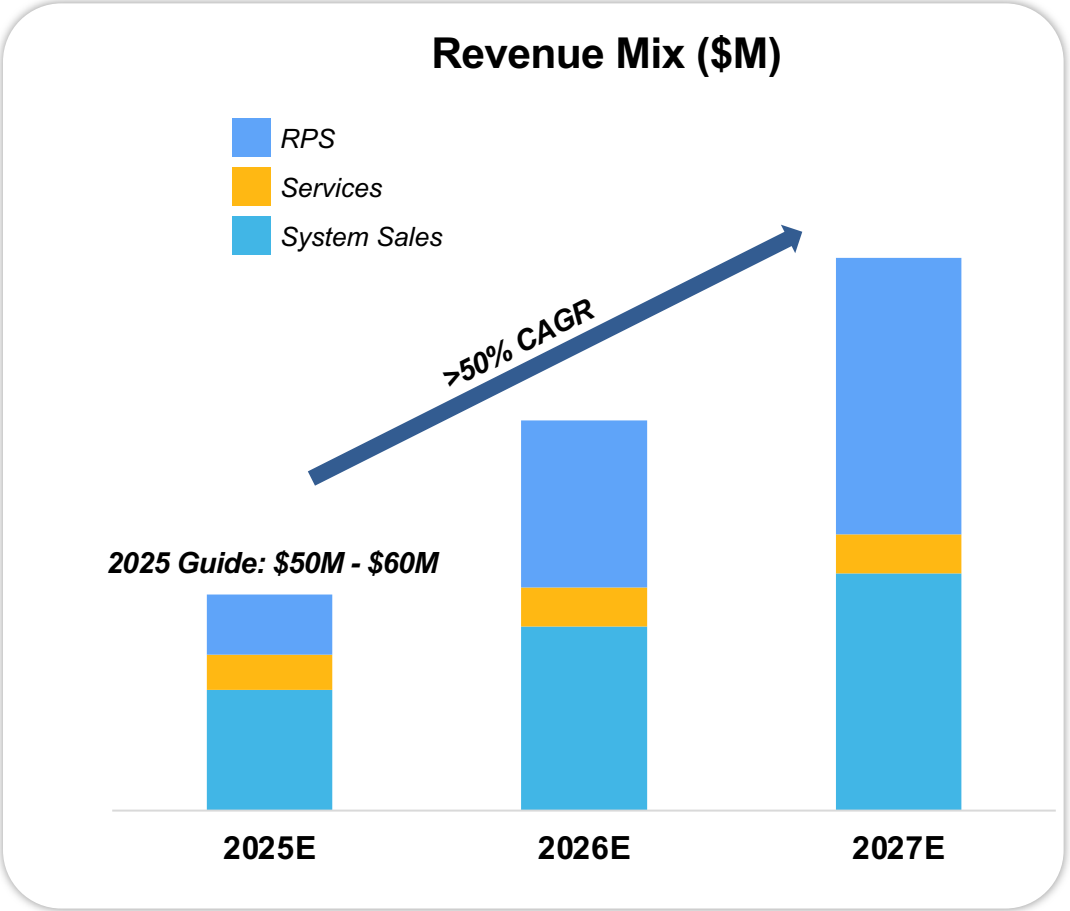
- Accelerate time to market via hosted systems
- Scalable and recurring revenue stream

2 System Sales

- Vertically-integrated OEMs/CMs
- “Ship in place” – captive creativity / parts production

3 Services

- Cost plus pricing model
- Expansion of customer self-service tools



Focus on Profitability

1 Implementing New Business Model

- **Launched Rapid Production Solutions (RPS)** – parts production
- Focused on higher ASP system sales / profitable customer service
- >30% revenue growth in 2025

Focused on higher margin RPS & system sales

2 Improving Efficiency

- **Right-sized company** for current business model
- **Lowered manufacturing costs**
- **Reduced OpEx by 25% in 2024**

Profitability a TOP priority

3 Executing Growth Strategy

- **Backlog of $16M** exiting Q2 2025
- Increasing **customer confidence**
- Increasing system / parts orders in Defense

Robust pipeline

4 Strengthened Balance Sheet

- **Completed senior note and warrant exchange**
- Closed $15M bridge financing in Q1 2025

Reduced financial liabilities

Partnering with Local Governments for Expansion

Location: In Discussion

- Multiple state / county sites in consideration
- Focusing on manufacturing and technology hubs
- Strategically located to major cities with significant infrastructure already in place
- Strong local governmental support
- Partnership with major developers
- Capacity ramp – 18 months construction

Join Us at the Inflection Point

- **First-mover** in **mission-critical AM** with **proven IP**
- Transforming into **high-margin recurring revenue** business
- **Deep traction** in **defense and aerospace**
- **Visionary team** and **marquee customer base**

Appendix

Executive team has the vision and experience to execute

Arun Jeldi
Chief Executive Officer & Director

+1	11+
Years with Company	Years Experience

Education

Experience

LiteMagnesium
ARRAYED ADDITIVE INC
Green Metal Reclaim
INK

Hull Xu
Chief Financial Officer

+1	29+
Years with Company	Years Experience

Education

Stanford
Berkeley UNIVERSITY OF CALIFORNIA

Experience

RBC
BARCLAYS
hp
Agilent Technologies

Michelle Sidwell
Chief Revenue Officer

+1	30+
Years with Company	Years Experience

Education

ROBERT MORRIS UNIVERSITY ILLINOIS

Experience

Salesloft.
Adobe
LOOP
[P]
YEXT

Zachary Murphree
Chief Strategy Officer

8+	14+
Years with Company	Years Experience

Education

TEXAS The University of Texas at Austin

Experience

Freeform
CONCEPTLASER a GE Additive company
HALLIBURTON
OSCILLA power

Our Fully Integrated Metal AM Solution Platform

Redefining metal AM with support-free, mission-critical precision

Our Software Solutions

Flow™	▪ Powers all Sapphire printers with custom print instructions based on part geometry, ensuring precision and reducing support structures.
Assure™	▪ Advanced quality control software that uses real-time sensor data to ensure consistent, repeatable part quality.
Flow Developer	▪ Available with Flow 7.0, provides full control to customize, optimize, and create print parameters for specific applications and new materials.
Intelligent Fusion	▪ Integrates Flow, Sapphire, and Assure, using data from 1,000 sensors to precisely control the full print process.
Rapid Production Solutions (“RPS”)	▪ Supports scalable, high-quality part production and strengthens supply chains across aerospace, defense, and energy industries.

Our Metal AM Family of Printers

Sapphire®

▪ Our first-generation production system using L-PBF technology, featuring a 315 mm diameter × 400 mm height build volume, totaling up to 31 liters.

Sapphire XC

▪ Our second-generation printer, features a larger 600 mm × 550 mm build volume (155L) and eight 1 kW lasers for higher throughput while remaining fully compatible with Sapphire parts and recipes.

Sapphire 1MZ & Sapphire XC 1MZ

▪ Our latest printers offer the same capabilities as Sapphire and Sapphire XC, with an extended 1-meter build height for larger part production.

Technology Advantage to Drive Long-Term Growth

Print file portability – service support offerings

	VELO 3D	Commodity Incumbents	Metal AM Peers
Technology	Powder Bed Fusion	Powder Bed Fusion	Binder Jetting or Metal filled FDM
Reproduce legacy parts without redesign	✓	✗	✗
Print file portability across global fleet (golden file)	✓	✗	✗
Print large multi-component assemblies with high density (up to 600mm x 1000mm)	✓	✓	✗
Dedicated customer support / services	✓	✗	✗