6K ADDITIVE, INC

Jefferies Defence Summit

ABOUT 6K ADDITIVE

6K Additive is a U.S. producer of high-performance materials for mission critical applications. Using exclusive **UniMelt® plasma technology** and **proprietary processes**, we convert domestic scrap into high-value materials reducing reliance on imports and strengthening **U.S. supply-chain resilience and national security**.

What we make:

High-performance metal powders & alloy additions (Ti, Ni, Refractory Metals)

Why it matters:

Reduces import dependence and improves supply-chain resilience

How we do it:

Proprietary UniMelt® plasma + proprietary processes

Who we serve:

Aerospace, defence, space, energy, medical and industrial markets

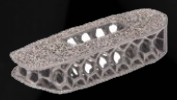
Headquartered in Burgettstown, Pennsylvania

PRODUCING PRODUCTS FOR NUMEROUS CRITICAL END-USE APPLICATIONS

Select Commercial Applications

Space: A2200 Rocket Engine
6K Additive's Nickel 625 powder is used in the manufacturing of the Bipropellant engine targeted for moon landing missions

Energy: GE Vernova Land Based Turbines
6K Additive Ni 625 powder is approved through a contract manufacturer for GE's combustion components

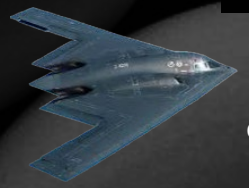


Biomedical: Spinal Implants
Nuvasive (A Globus Medical Company) has qualified 6K Additive Titanium 6-4 powder their AM spinal implants

ABB: Vacuum Interrupter
ABB (and others) uses 6K Additive's high purity Cr powder in the contactor portion of their vacuum interrupters for medium voltage switching applications

Specific Defence Applications

Current Customer Defence Applications



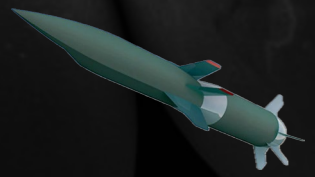
USAF: Northrop Grumman B-2 Bomber
Combustion components produced with 6K Additive Ni 625 powder

DOD & Space/Moog:
6K Additive Titanium 6-4 powder used for Flight Control & Manifolds

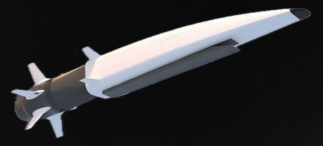
Army: Next Generation Squad Weapon
Each suppressor produced by Sig Sauer uses 6K Additive Ni 625 powder

Targeted Defence Applications

Unmanned Aircraft Systems



Hypersonic Cruise Missiles



Hypersonic Glide Vehicles

Military Aircraft

THE PROBLEM: THE U.S. LAGS IN CRITICAL METALS PRODUCTION

U.S. military readiness depends on metal powders that America cannot currently produce at scale

U.S. is heavily dependent on China for most critical materials

80%
of tungsten supply controlled by China

600%
Increase in tungsten cost in the last six months

73%
of the worlds titanium sponge comes from China

57%
of nickel production controlled by China

100%
of niobium is imported into the United States

Hypersonics & Missiles
Refractory metals such as niobium, tungsten, and molybdenum are unavailable to replenish rapidly depleting munitions stockpiles

Next-Generation Platforms
Critical air, naval, and ground systems cannot be qualified and produced without supply chains at scale

China's Strategic Play
Moving downstream from mining and chemical processing dominance to metal and alloy production to maintain a chokehold on U.S. supply chains

A Less Capable and Modernized Military

6-month lead times and 30–50% price increases on critical metals in the last year alone

BUILDING A RESILIENT, SECURE & INDEPENDENT DEFENCE INDUSTRIAL BASE

6K ADDITIVE

FY27 Legislation - The U.S. DoW priority is eliminating reliance on China for critical materials and investing in U.S. capabilities to strengthen national security and supply chain resilience.

THE CHALLENGE

Overreliance on China for Critical Materials

DoD has identified risks in the supply of materials essential for advanced defence systems.

- Dependence on foreign adversaries for critical minerals and metals
- Vulnerable supply chains threaten readiness and innovation
- Need to scale domestic production and secure reliable alternatives

THE POLICY RESPONSE

DoW & Legislative Actions Driving Change

DoW Priorities & Policies

- 10 USC 4872 — Prevents DoD from acquiring certain REE, tungsten, and tantalum materials from North Korea, China, Russia, and Iran
- 10 USC 4863 — Prohibits DoW acquisition of end items or components containing specialty metals not melted or produced in the U.S.
- Covered Items
  - Applies to major defence systems (aircraft, missiles, ships, tanks, weapons, ammunition)
  - Specialty Metals Definition Includes specific steels and metal alloys that must meet U.S. melting/production requirements

FY26 NDAA Policy & Implications

- Incentivizes suppliers to illuminate supply chains and address issues
- Bans DoW from acquiring Chinese additive manufacturing machines
- Signals the need for advanced manufacturing capabilities
- Requires DoW to develop & improve advanced manufacturing strategies

BUILDING A RESILIENT, SECURE & INDEPENDENT DEFENCE INDUSTRIAL BASE

The U.S. DoW is eliminating reliance on China for critical materials and investing in U.S. capabilities to strengthen national security and supply chain resilience.

THE OPPORTUNITY

$1.5 TRILLION REQUESTED BY PRESIDENT TRUMP

for DoW — approximately 60%+ increase from FY26 appropriations

SUBSTANTIAL MARKET OPPORTUNITY

FY27 NDAA + Appropriations presents a significant growth opportunity for U.S. manufacturers

DRIVING DOMESTIC CAPABILITIES

Increases for advanced manufacturing and critical materials like titanium and refractory metals

STRENGTHENING U.S. INDUSTRY

Investments will build a secure, resilient, and independent defence industrial base

MARKET OPPORTUNITIES / DEFENCE TAILWINDS

U.S. DoD SPENDING IS ACCELERATING ADOPTION OF ADDITIVE MANUFACTURING

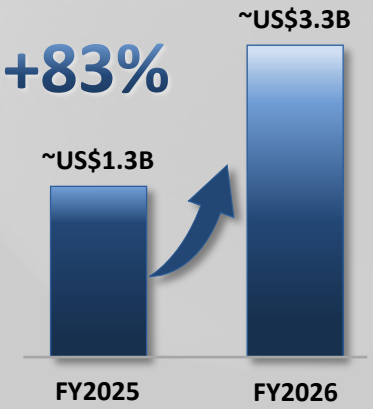
DEFENCE SPENDING DRIVING AM ADOPTION

U.S. DoD 2026 BUDGET INCLUDES

~US$3.3B

FOR ADDITIVE MANUFACTURING INITIATIVES

Signaling a long-term shift toward digitally manufactured, mission-critical components. Defence primes and OEM's are accelerating adoption of metal AM to reduce lead times, improve supply chain resilience and enable next-generations system designs.



ADDITIVE MANUFACTURING IN DEFENCE

Metal AM is rapidly moving from prototyping to serial production across defence applications. AM is particularly suited for complex, high-temperature, lightweight components that are difficult or impossible to manufacture conventionally.

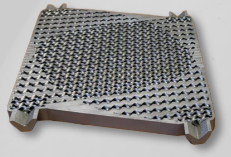
KEY ALLOYS BEING PRINTED INCLUDE:

- **Ti** — Titanium Alloys (Ti64)
- **Ni** — Nickel Superalloys (IN718, IN625)
- **W** — Refractory Alloys (W, Nb, Ta, Mo)
- Stainless & Specialty Steels

EXAMPLES OF DEFENCE AM APPLICATIONS

AEROSPACE & PROPULSION

- Rocket nozzles and combustion chambers
- Heat exchangers and fuel systems components
- Turbine and hypersonic propulsion parts

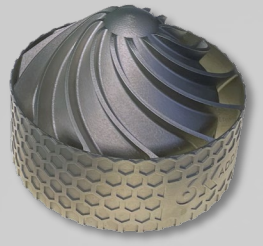


WEAPONS & SURVIVABILITY

- Suppressors and weapon components
- Armor structures and lightweight brackets
- Missile and munitions components

NAVAL & SUSTAINMENT

- Submarine and shipboard spare parts
- Obsolete component replacement
- Distributed manufacturing for readiness



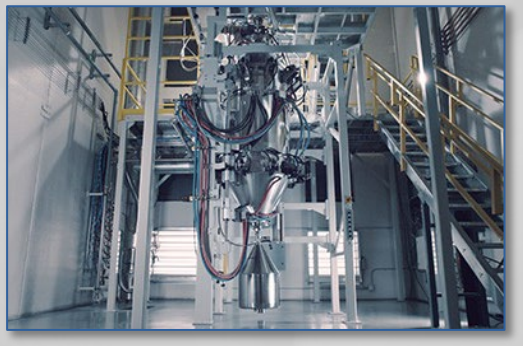
Source: US Department of Defence Budget Materials (FY2025–FY2026)

6K ADDITIVE: THE AMERICAN SOLUTION

Burgettstown, PA — converting domestic scrap into mission-critical defence materials

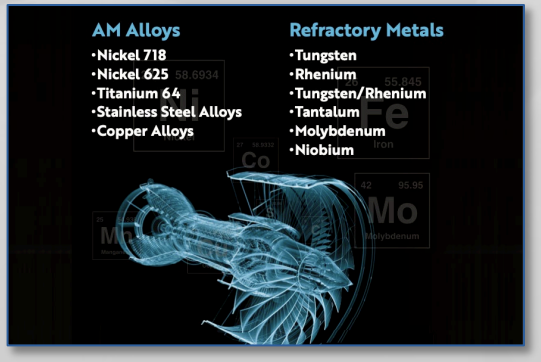
UniMelt® Technology

6KA uses proprietary processes to turn U.S. scrap into high-quality AM powder. ~85% yield vs 25-50% for legacy atomisation makes 6KA structurally low-cost.



Diverse Alloy Capability

6KA's technology enables the broadest range of alloys in the segment. The platform's flexibility supports commercial-scale production of conventional alloys as well as next-generation high-performance materials.



100% Domestic Sourcing

Scrap feedstock pulled from U.S. military depot scrap. No foreign supply chain exposure. Only 6KA can turn the military's own compliant scrap into high-value powder for critical applications.

Defence-Proven Materials

Already qualified across major production programs: B-2 Bomber combustion components, SIG SAUER Next Gen Squad Weapon suppressors, DoW flight control systems, and hypersonic programs.

$41.5M+ in prior government awards validates 6KA as a critical supplier to national security

CURRENT EXPANSION PLAN

DPA TITLE III US$47M 50/50 COST SHARE

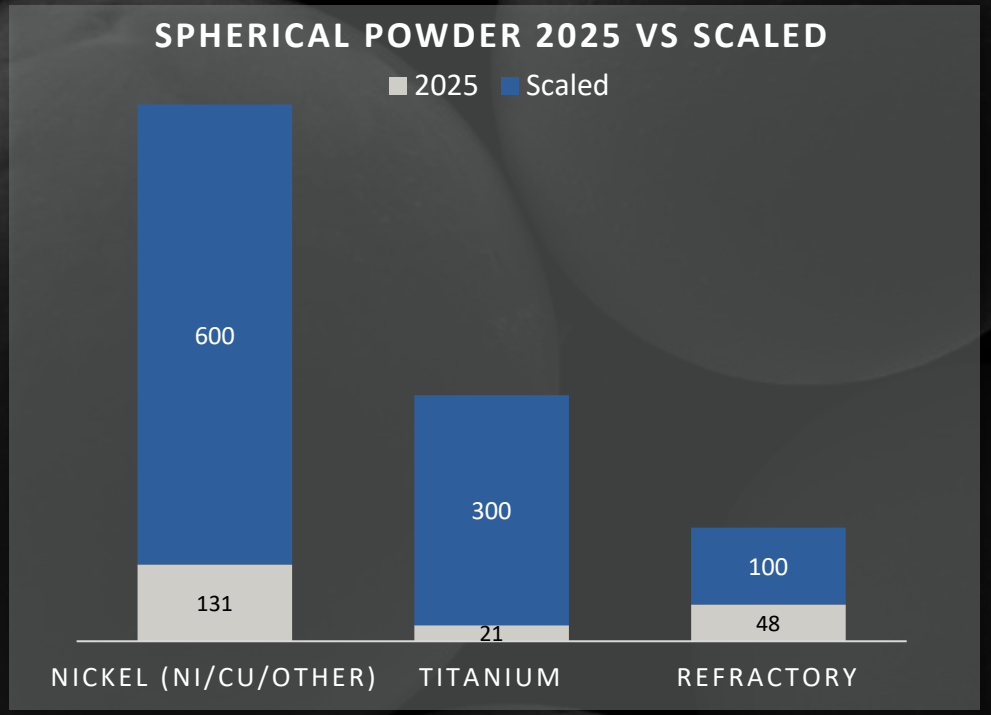
- 1 Atomizer in production (2025)
- 4 New UniMelt systems (2026 commissioning)
- Insourcing of feedstock production (2026)
- Ingot Melt Capability (2028)

6KA FUNDED PLAN (OUTSIDE OF DPA TITLE III)

- Dedicated Refractory production facility
  - 2 additional UniMelt systems 2028
  - Pre/post processing equipment

6KA Burgettstown Campus – illustrative future expansion plan

	CURRENT	EXPANDED OPERATIONS
Spherical Powder	200MT	1,000MT
Alloy Additions (Ti/Zr)	1,350MT	1,350MT
Angular powder (Ti/Cr)	90MT	340MT
Ingot Melt	0	3,600MT
Total Capacity	**1,640MT**	**6,290MT**



CONTINUED SUPPORT FROM U.S. GOVERNMENT

ALIGNMENT WITH NATIONAL PRIORITIES

- 6K Additive materials directly support **U.S. defence, aerospace, medical, and energy sectors**
- Enables **secure, domestic, high-performance supply chains**
- Recognized as **critical to national security and industrial resilience**

GOVERNMENT FUNDING & PROGRAMS

- **DLA funding:** ~$12.4M (historical) + **$3.9M contract** to scale domestic powder production
- **Defence Production Act Title III: $23.4M** grant supporting titanium & nickel alloy expansion

CIRCULAR & DOMESTIC SUPPLY CHAIN

- Builds a **domestic, circular supply chain** for critical minerals
- Reduces reliance on **foreign suppliers**
- Aligned with **DoD supply chain and readiness priorities**

GOVERNMENT ENGAGEMENT & VALIDATION

- Hosted **Congressman Guy Reschenthaler** (PA-14) highlighting **advanced manufacturing capabilities**
- Ongoing collaboration with U.S. defence agencies
- Reinforces position as a **trusted U.S. supplier**

CEO Frank Roberts explaining expansion plans to Congressman Reschenthaler

Reinforces 6K Additive's role as a trusted U.S. supplier supporting defence readiness, supply-chain resilience, and sustainable manufacturing

2026 MOMENTUM

2H25 → Q1 2026

Annualized revenue run-rate accelerated to ~US$25M, from ~US$22M in Q4 2025.

Multiple strategic relationships executed, including Siemens Energy, AGF Defcom & an OEM.

Awarded a US$3.9M DLA SBIR Phase II contract to advance domestic production of critical metal powders.

Customer receipts of US$6.6M, up 74% vs Q1 2025 and 69% vs Q4 2025, reflecting higher sales volumes.

Order intake up 46% vs Q4 2025, w/ Powder Products backlog increasing to US$7.0M at quarter end.

Product manufacturing and operating costs of US$4.3M, down 27% vs Q4 2025, reflecting improving operating efficiency.

OVER 100 UNIQUE CUSTOMERS

Multiple end markets, including space, defence, land-based turbines, vacuum interrupters, medical applications

SCALE ANNUAL DOMESTIC CAPACITY 5X

Construction underway w/Phase 1 completion scheduled for Q4 2026

STRONG BALANCE SHEET

Access to US$67m in available funding through a combination of net cash, government grants, and low-cost loan

ONGOING LTA NEGOTIATIONS

Positioning 6K Additive as a preferred partner for Military and Civil end-use applications

6K ADDITIVE QUALIFICATION EXPANDING

Our TAM and strengthening our sales pipeline to a total of over US$250m annually

THANK YOU FOR YOUR TIME, ANY QUESTIONS?

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