

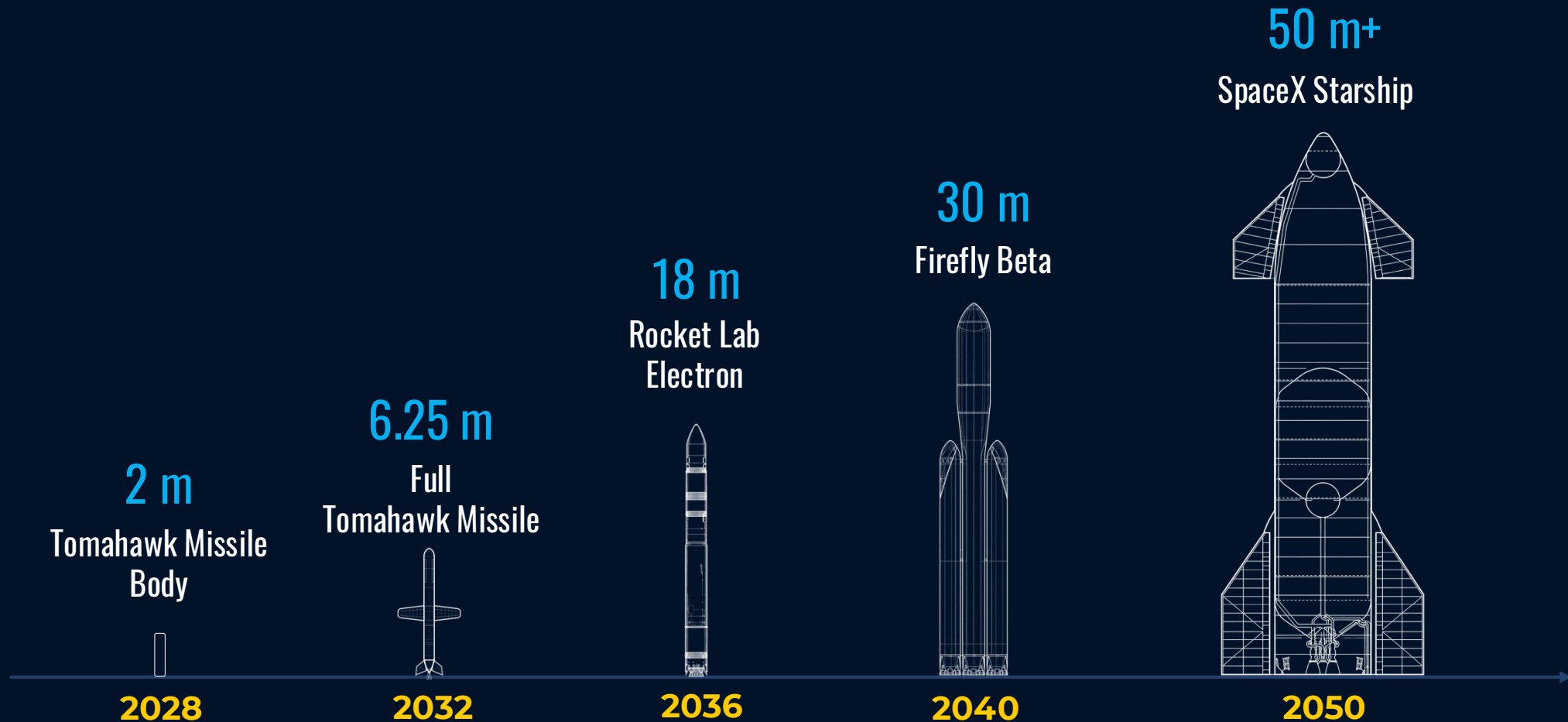


Autonomous Manufacturing Systems for Ultra-Large Components

VISION

Our North Star: Aircraft body, manufactured in one piece.

Nazar Technology is building toward a future in which all aircraft and launch vehicles can be manufactured as single integrated structures.



WHY NOW

America can't build **big enough, fast enough.**

Domestic demand is surging

 **\$1.0T → \$1.5T**

What the U.S. is investing in defense.

Yet stockpiles run dry in a week.

Backlogs stretch past 2030.

Demand grew by 10-20x.

Parts are getting bigger

 **2-meter+ parts**

What primes need now – and can't get.



Machines cannot keep up

 **1.5-meter limit**

Where additive machines are stuck

EOS, Nikon SLM, Velo3D – all incumbents top out at 1.5 m in height.

Conventional metal additive manufacturing hits a wall at 2-meter parts.

We are building towards 10–20× that scale.

TEAM

Founded by Additive Manufacturing **Machine Builders**



Hoa Nguyen

Co-Founder, CEO

- ❖ Former Product Manager and core R&D engineer at a tier-1 U.S. Additive Manufacturing OEM.
- ❖ Built multiple metal additive machines and process iterations at Michigan State University.
- ❖ Led a DOE-backed development program that grew from \$100K to \$4.5M in funding.
- ❖ B.S. & Ph.D., Michigan State University; MBA, Quantic School of Business and Technology.



Pheng Sin

Co-Founder, CTO

- ❖ Former Hardware Director at a tier-1 U.S. Additive Manufacturing OEM.
- ❖ 25+ years in industrial hardware design across semiconductor, automotive, defense industries and government programs.
- ❖ Shipped revenue-generating hardware products and founded two hardware businesses.
- ❖ Holds multiple patents in hardware design and technology.

Customers and Partnerships



HADRIAN



Pilot Customers: We have secured a **letter of intent with MIMO Technik** and are in **late-stage discussions with Hadrian** regarding a similar agreement. The proposed agreements cover potential purchases of pilot-production and production systems.

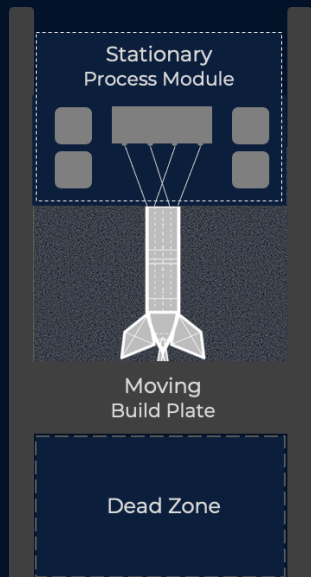
Commercial Value: These suppliers to major US defense and Navy primes represent potential demand for **100-150 machines** over the next two years.

Technology Partnership: **Secured an MOU with Dyndrite** as software provider and development partner for AI-instrumented closed-loop laser control.

Laser Powder Bed Fusion **Redesigned**

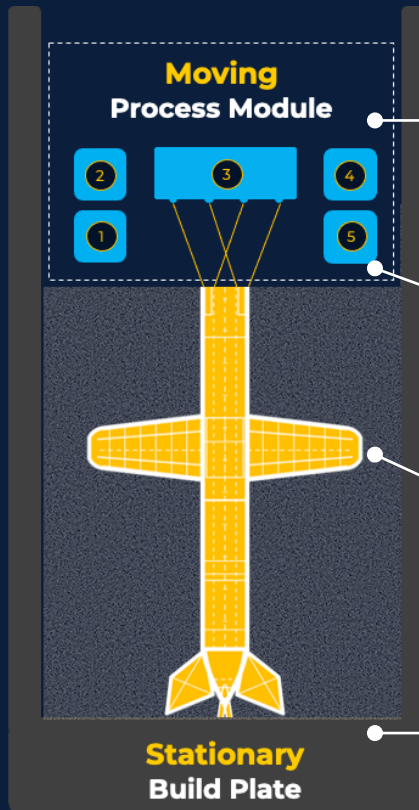
We **inverted the conventional design** to unlock an architecture with **no part-size limit**.

Conventional Design



Our Approach

PATENT-PENDING



1 No Height Ceiling

All process assemblies move upward as one unit, as high as the part needs to be.

2 AI-Instrumented Control

AI-Instrumented software control enables consistent production quality at scale.

3 Taller Part in Less Space

Part height approaches machine height, and vertical factory space is utilized efficiently.

4 Scalable to Large Parts

The plate stays stationary, so the machine is not lifting the heavy part and powder mass, enabling production of large components.

2-meter machine, **designed for factory automation.**

Our first product **solves an immediate production gap** the primes have today.



PATENT-PENDING



Best-in-class part height

Enables production of 2-meter-class structures.



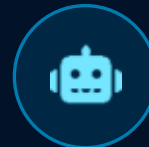
Multiply productivity

Multi-laser system allows production at speed.



Autonomous production

Zero changeover time, with no human intervention.

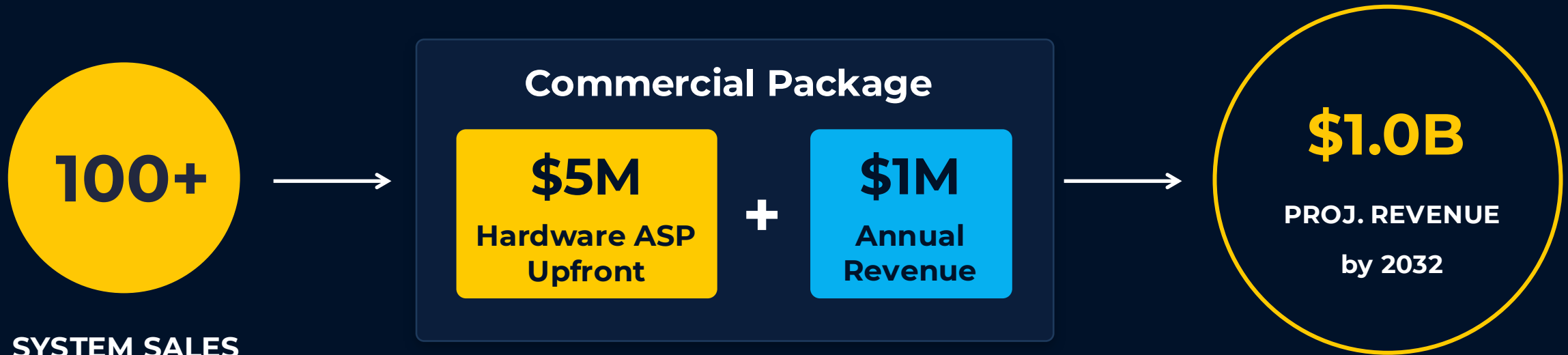


Factory Automation Ready

Robot-ready handling and software designed for autonomous factory control.

Performance-Aligned **Business Model**

We earn upfront revenue from each machine sale and recurring revenue from every qualified part the machine produces.



Market Sizing and Beachhead



**Global Metal Component
Manufacturing**

Total Addressable Market



**Global Large to Ultra-large Metal
Component Manufacturing**

Serviceable Addressable Market



**Targeted Defense
Manufacturing Program**

Serviceable Obtainable Market
(2026)

ROADMAP

24 Months to **Production**

Today

ALPHA

BETA

PILOT

Month 18

Beta prototype completed

Validated: Production repeatability

Pilot production units shipped

First Revenue

Secured POs for production units

Month 9

Alpha prototype completed

Validated: Architectural design

First print demonstration

Secured POs for pilot-production units

Month 24

Pilot production program completed

Validated: Field production readiness

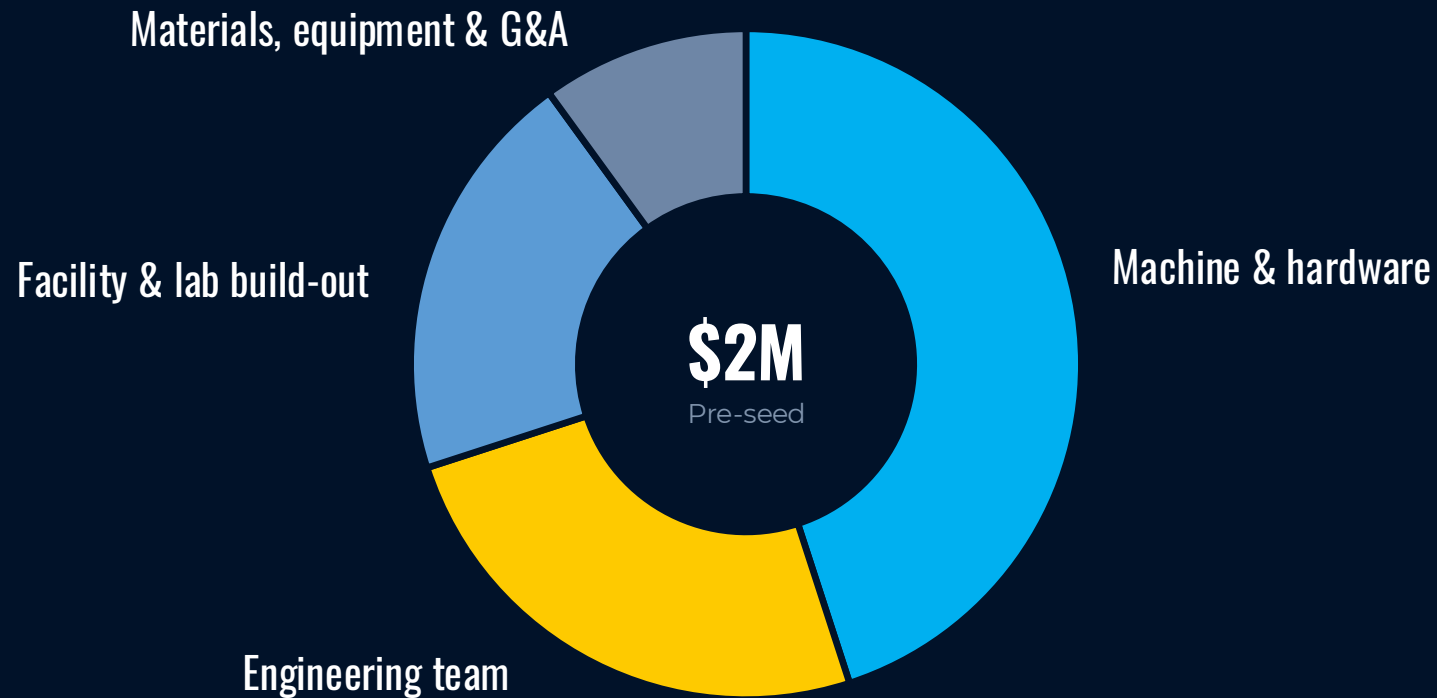
First production machine shipped

R&D for next product begins

THE ASK

Raising Our Pre-Seed Round

We are raising **\$2M** to complete Alpha phase development and deliver the first integrated machine, with a target of **Q2 2027** to secure customer purchase agreements and raise our **next round of funding**.



Contact Us



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