



INTELLIGENT. AGILE. SOFTWARE-DEFINED FACTORIES.

Machina is building manufacturing infrastructure to accelerate aerospace and defense production. Our factories deliver high-performance metal structures faster and with greater flexibility than traditional tooling-based manufacturing.

DISTRIBUTED
FACTORIES

DESIGN-INTEGRATED
PRODUCTION

AI-DRIVEN SHEET
METAL FORMING

INTEGRATED TRIMMING,
DRILLING, & JOINING

ADVANCED METAL
STRUCTURE PRODUCTION

WHAT WE DO

Machina builds and operates intelligent, agile manufacturing infrastructure.

Our advantage is RoboCraftsman, a containerized, AI-guided production cell that forms, scans, trims, and finishes **complex metal structures with repeatable precision**.

With two factories operating today in Los Angeles, **Machina is scaling this capability** with 50 RoboCraftsman cells, welding and assembly operations for Factory 3 and Factory 4. The result is a software-defined production environment that moves from LRIP to full-rate production within a single facility.



Interior rendering of Machina Factory 3, a 250,000-square-foot intelligent manufacturing facility engineered to deliver production-grade advanced metal structures at scale.

APPLICATIONS

Proven to form and assemble at production scale, Machina factories deliver aerospace and defense-grade metal structures up to 10× faster than conventional tooling-based manufacturers.



AIRFRAMES



MISSILES



HYPERSONICS



USV + BOAT HULLS



ADVANCED MOBILITY



SPEED. PRECISION. SCALEABILITY.

Traditional metal forming depends on hard tooling, long lead times, and fixed production lines. Machina replaces those constraints with AI-driven robotics and adaptive, software-defined manufacturing that operates at mission speed.

Machina's production model enables rapid program transitions without factory retooling, reducing capital intensity and accelerating response to evolving defense requirements

- SUPPLY CHAIN SECURITY**
New, distributed capability for defense
- SPEED TO PRODUCTION**
Compress design-to-deployment timelines from years to months
- FLEXIBILITY AT SCALE**
High-mix, high-volume production, from prototype through full-rate output
- WORKFORCE ENABLEMENT**
Augment skilled labor with intelligent, flexible manufacturing
- EXPEDITIONARY READINESS**
Deploy containerized factories for point-of-need production

PROVEN APPLICATIONS



MISSILES & HYPERSONICS

Partnering with defense primes to manufacture high-temp metal structures and tanks for missiles and hypersonic platforms



AIRFRAMES

Supporting defense sustainment with airframes and metal components for military aircraft and deployed factories at U.S. Military Installations



ADVANCED MOBILITY

Trusted by Toyota to scale customized, automotive panel production, demonstrating Machina precision, quality, and production reliability.

REAL METAL CAPABILITIES

- ALUMINUM ALLOYS
- MILD STEELS
- STAINLESS STEELS
- LOW-EXPANSION ALLOYS
- NICKEL-BASED SUPERALLOYS
- REFRACTORY & SPECIALTY ALLOYS

OUR PARTNERS



URSA MAJOR



TOYOTA

