

THE LEADER IN METAL FABRICATION, WELDING AND POWDER COATING

BUILT TO PERFORM



**UA UNITED
ALLOY®**

KEEPING LIFE POWERED ON™



ENGINEERED FOR CRITICAL APPLICATIONS

United Alloy is a customer-oriented, engineering-driven manufacturing partner for OEMs and integrators building systems where performance and reliability are non-negotiable. From power generation to industrial infrastructure, we specialize in complex, mission-critical fabrication—work that demands precision, compliance and accountability at every stage.

As a family-owned company operating at enterprise scale, we combine passion and deep technical expertise with flexibility and responsiveness. Our role goes beyond build-to-print production. We collaborate vigorously, engineer deliberately and execute decisively, delivering results and confidence long after your product leaves our facilities.


When performance matters, United Alloy delivers.



“Hulk and Thor,” UA’s Robotic Welders

ENGINEERING THAT SOLVES PROBLEMS

United Alloy’s engineering team works collaboratively with customers from concept through production to deliver practical, manufacturable solutions. Across all stages of development—from preliminary design to prototype and production—our engineers focus on meeting requirements, optimizing fabrication, and supporting performance, manufacturability, and compliance.

 <p>Design for Manufacturability (DFM)</p>	 <p>3D CAD modeling and FEA simulations</p>	 <p>Prototyping and validation testing</p>
 <p>Pressure and load verification</p>	 <p>Regulatory expertise (incl. UL, CSA, DOT, Transport Canada)</p>	 <p>Third-party PE certifications (U.S. & Canada)</p>

EVERY BUILD TELLS A STORY OF PRECISION, PRIDE AND TEAMWORK

Every product we deliver reflects our engineering-first approach, rigorous quality standards and deep understanding of mission-critical requirements.



CNC laser and 6-axis plasma cutting



Large-scale robotic welding systems



Continuous paint line using a monorail system



Massive, in-house powder-coating capacity
(60 ft. × 16 ft. × 16 ft., up to 40 tons)



Heavy-duty beam drilling
(up to 40 ft.)



Plate roller
(material thickness up to 3/8 in.)




High-capacity overhead crane systems
(up to 40 tons)



ERP and barcoding for enhanced production efficiency


TANKS



We are a leading manufacturer of leak-proof metal tanks and vessels for a wide range of applications. Our expertise ensures that each solution we produce is engineered, fabricated, powder coated and tested in accordance with internationally accepted standards as well as strict customer specifications.

- Perimeter-mount and cover-mount tanks ranging from 50 to 20,000 gal.
- UL 142/ULC 601 above-ground tanks
- UL 142A/ULC 601 generator sub-base tanks
- UL 2085/ULC 655 fire-rated, protected above-ground tanks
- Transport Canada-approved mobile tanks
- Stainless steel tanks (DEF, special use)
- Custom tanks (OEM equipment, hydraulic reservoirs)

TRAILERS

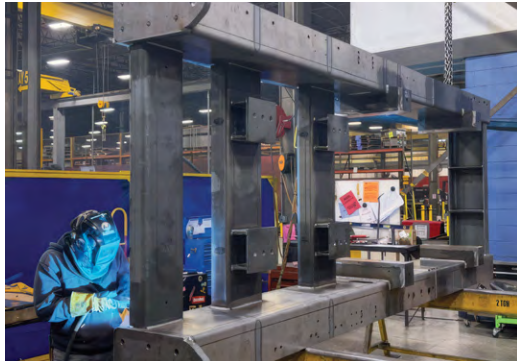


Our heavy-duty trailers are manufactured to reliably transport mobile equipment, withstand harsh environments and integrate seamlessly with OEM systems and specifications, including generators, heaters, air compressors, pumps, light towers and more.

- Tank-trailer combinations
- Flat-deck, modular and custom trailer designs
- Single-axle, dual-axle and tri-axle configurations
- NATM-compliant
- Rated up to 30,000 lbs. GVWR for on-highway use

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BASE FRAMES & SKIDS



When customers look for strong, portable solutions to safely mount and move heavy equipment, they turn to UA. From super-duty skids to light-duty frames and a wide range of chassis, our products are built to last and ensure equipment gets where it needs to go.

- Suitable for use in both mobile and stationary applications
- Heavy-duty steel construction
- Custom chassis and mounting solutions

PLENUMS



We engineer and build complete plenum systems, including structural steel towers and internal exhaust piping, designed to meet environmental and acoustic regulations and optimized for quick on-site assembly.

- ASCE 7 wind load-certified and seismic-certified exhaust plenums
- Stainless steel internal exhaust piping with ANSI flanges
- Sheet metal enclosure with acoustic insulation
- Modular designs for stability and rapid field assembly
- Heights ranging from 13 ft. to 73 ft.

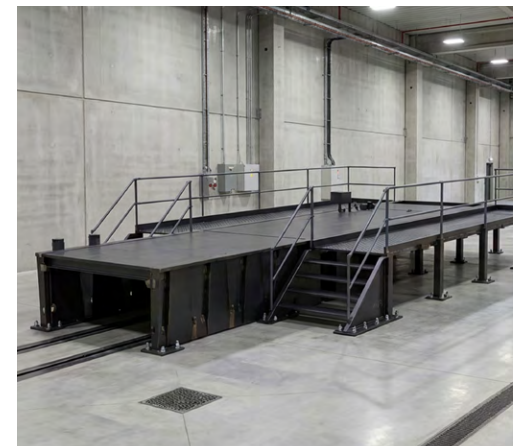
SHEET METAL PRODUCTS



We produce high-quality sheet metal products that are designed, cut and bent to meet unique geometric and performance requirements, while supporting both high-volume and custom production needs.

- Panels and enclosures
- Electrical boxes
- Ventilation screens and louvers
- High-volume or custom production

FABRICATED ASSEMBLIES



We coordinate large, multi-faceted projects that integrate several fabrications into a single assembly.

- Structural and enclosure assemblies
- Walkways and staircases
- Loading docks and service platforms

COMPLEX WELDMENTS



We demonstrate quality and foster trust one exceptional weld at a time. Our expert, artful welds are the backbone of the intricate projects we produce and structural requirements we're called upon to meet.

- Multi-component welded assemblies
- Intricate geometric designs
- Structural steel weldments



**REQUEST
A QUOTE**

A WORKFORCE THAT ALWAYS OWNS THE OUTCOME

United Alloy’s people are central to our ability to deliver at a high level. Our skilled welders, certified fabricators and experienced engineering teams bring deep expertise—and a shared sense of ownership—to every project.

Through continuous training, rigorous certification standards and a culture grounded in accountability and safety, we ensure quality that isn’t dependent on a single individual or facility. It’s built into how we work—every day, across the organization.

- All welders are AWS D1.1 certified; many are also AWS D1.3 certified
- Certified Weld Inspectors at every facility
- 126 hours of annual training per employee



Designed by engineers. Built by craftsmen.

United Alloy’s engineers collaborate closely with skilled technicians and craftsmen to turn ideas into world-class, finished products. The direct connection between design and the production team ensures our solutions are practical, performance-driven and production-ready.

CERTIFIED. COMPLIANT. TRUSTED.

Quality is built into every stage of United Alloy’s process. From engineering and fabrication through finishing and inspection, our teams follow disciplined quality systems and documented procedures to ensure products meet required specifications, standards and certifications. This commitment allows our customers to specify with confidence and trust the consistency of every build.

- ISO 9001 certified
- UL Listed and cUL dual certified products for U.S. and Canada
- Transport Canada approved
- NATM-compliant
- UL 1332 recognized powder coating process
- Production Part Approval Process (PPAP) supported, as applicable
- Product testing that meets or exceeds all applicable regulatory body and customer requirements
- “Poka-Yoke” error-proofing provides certainty starting with the design and continuing through manufacturing and assembly processes
- Multiple RCCA processes utilized including 8D, 5 why and others



All United Alloy quality control processes and technologies are embedded throughout production, including Vision Systems and Mobile Apps that power Quality Gates and inspections. Standardized, documented procedures and systems help ensure consistency, compliance and repeatable results across facilities.

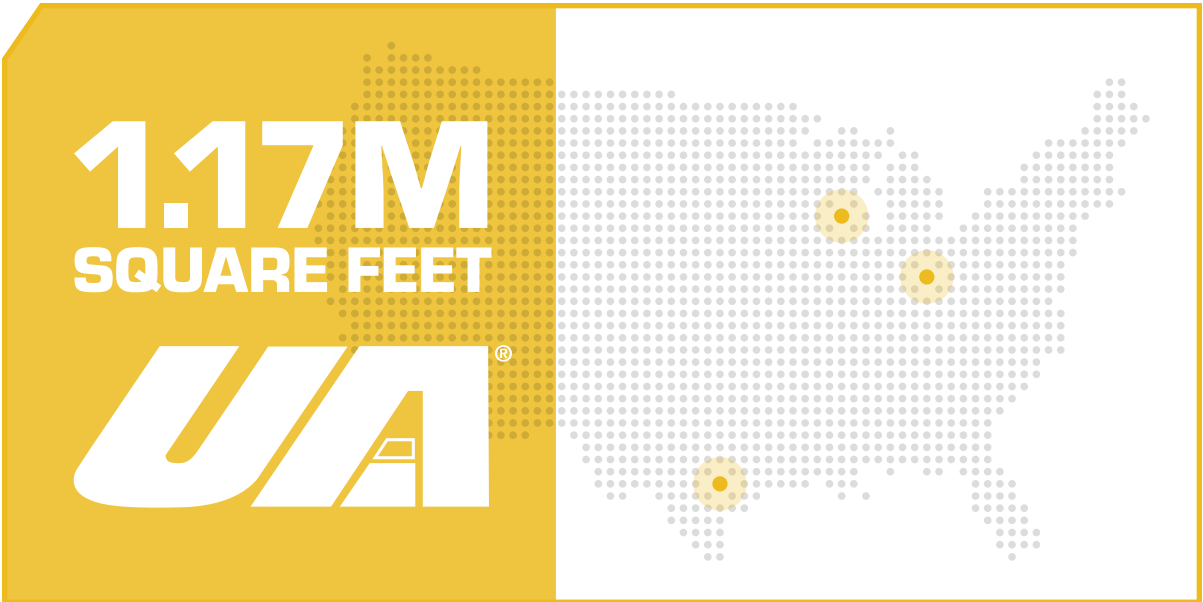


World-class skill meets heartland work ethic.

**MANUFACTURING THAT THINKS BIG
AND DELIVERS BIG**

Our facilities are designed to deliver repeatable quality across complex programs and demanding timelines. With advanced fabrication capabilities, integrated finishing, and multiple production locations, United Alloy provides dependability and scale. Every investment we make in equipment, automation and process discipline is focused on one outcome: delivering consistent, high-quality results across every facility, every program and every part.

United Alloy operates more than 1.17 million sq. ft. of manufacturing space across three strategic U.S. locations. Our footprint enables regional responsiveness, production redundancy and scalable capacity for high-mix, complex fabrications and assemblies.



Janesville
WISCONSIN

444,500 sq. ft.
HEADQUARTERS



Seguin
TEXAS

210,000 sq. ft.



Union
OHIO

524,000 sq. ft.

**WHEN IT HAS TO PERFORM...
IT MUST BE UNITED ALLOY**

Your requirements are demanding, your timelines are tight and the real world is unforgiving. You need more than another metal fabricator—you need a partner that takes ownership, solves problems fast and delivers consistency at scale.

When systems matter, experience matters. Whether you're validating a new design, envisioning a major project or looking for long-term production, United Alloy has the people, processes and capacity to deliver.

Let's build what's next for your organization:
letsconnect@unitedalloy.com

**A WORLD-CLASS MANUFACTURING PARTNER
WHERE EXCELLENCE IS THE NORM AND
PERFECTION IS THE EXPECTATION.**

- ISO 9001 certified
- Trusted by leading OEMs
- Second-generation family-owned
- Established: 1999
- Employees: 1,000+
- Facilities: Wisconsin, Texas and Ohio
- Manufacturing footprint: 1,178,500 sq. ft.
- All products proudly made in the U.S.A.

**REQUEST
A QUOTE**

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**JOIN OUR
TEAM**

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