



WELDSHIP CORPORATION



*Navigate with* **Weldship**



# Navigate to Success with ***Weldship***

Our lines of industrial and specialty gas tube trailers, ISO-Containers, gas and liquid chemical tankers, ASME ground storage modules, and CNG tube trailers are proven products with over 60 years of engineering and technical experience behind them. Weldship is ISO 9001 certified. When you call on Weldship, you call on a leading source for quality gas containment, both for your company reputation and profitability.

Weldship Corporation and Texas Trailer Corporation provide quality products for lease or purchase to domestic and international markets. Due to the potential hazards of gas and chemical shipping and storage, a multitude of national and global standards and codes must be met. Weldship adheres to all major codes and standards to provide safe, reliable trailers, ISO-Containers, tankers and storage units. In addition, Weldship provides recertification as required by domestic and international regulations.

The engineering and technical team at Weldship are some of the most experienced and knowledgeable personnel in the industry. We will guide you to the best trailer, tanker or ISO-Container for your particular market need. Given the wide range of gas and chemical densities, our knowledge of the numerous codes and standards, structural requirements, and capacities is paramount to your success in shipping, whether over the road or over the seas. We will help you to maximize your load and minimize your risk, while enhancing your bottom line. Weldship is the company to call for safe, profitable transportation and storage equipment.

**W**eldship Corporation was founded in 1946 to build welded barges for transporting petroleum products. Eventually, Weldship transitioned from barge fabrication to manufacturing tube trailer equipment for the industrial gas industry. The company built its own lease fleet of industrial gas trailers. Through the 1980's, Weldship expanded its capabilities, and, with a growing reputation for quality and service, became a leading force in the industrial, specialty gas, and specialty chemical shipping and storage markets. Along with industrial gas tube trailers, Weldship subsequently became an expert in the construction of ISO-Containers to satisfy our global customer base.

Today, Weldship Corporation provides compressed gas tube trailers, CO<sub>2</sub> transports and other gas and chemical tankers, compressed natural gas (CNG) trailers, ISO-Containers (also known as Multiple Element Gas Containers), and high-pressure ground storage tube assemblies to industrial gas markets around the world.

### **Texas Trailer Corporation, a Weldship Group Company**

Texas Trailer Corporation, a Weldship Group Company, is the foremost CO<sub>2</sub> trailer manufacturer and refurbishing company in the United States, serving domestic and international markets. Our extensive experience in manufacturing and refurbishing CO<sub>2</sub> trailers and transports provides superior products for purchase or lease. In addition, Texas Trailer manufactures ISO-Containers, refrigerant specialty gas and chemical trailers and storage tanks. Texas Trailer also assembles, retests and refurbishes tube trailers, Multiple Element Gas Containers (MEGC's), and ground storage assemblies, as well as conducts acoustic emission and ultrasonic tube testing for recertification.

Weldship Corporation and Texas Trailer Corporation offer complete industrial, specialty semiconductor and chemical trailer, and ISO-Container capabilities to the gas market and its distributors. With facilities in Bethlehem, Pennsylvania and Gainesville, Texas, customers have ready access to products, services and support.



*Weldship Corporation, leading the way to  
industrial and specialty gas shipping success!*

**T**ube trailers have been an essential mode of transportation for the industrial gas and specialty chemical industries for many years. Weldship engineers and manufactures trailers to maximize payload capacity for specific products while adhering to the Gross Vehicle Weight (GVW) and Federal Bridge Law weight restrictions. Trailer designs incorporate the appropriate tube specifications, valves, manifold, and pressure relief devices required by the DOT and the Compressed Gas Association. Precision-crafted, high-strength chassis designs support all high-pressure components, and both Anti-Lock Brake (ABS) and Roll Stability Systems (RSS) are available to ensure your product is secure while on the road. Weldship maintains a fleet of tube trailers that are available for either short- or long-term lease. New and refurbished equipment also is available for purchase, and trailers can be built to customer specifications.

***Every trailer in the Weldship lease fleet is either built or retested by Weldship, so your product quality is maintained the first time, every time.***



## Standard Trailers

Standard Trailers are an ideal gas transportation solution when limited space is available. Built to the same high standard as the rest of our trailer offerings, Standard Trailers are an economical and practical choice when a job does not require the maximum product payload. The tubes can be arranged in a cluster formation, or modularized for acoustic emission testing.

- 9-5/8 inch diameter DOT 3A or 3AA tubes
- Tube lengths from 20 ft 6 in to 32 ft
- Pressures available from 2,400 to 4,000 psig
- 10-year periodic retest qualification available



# Mini Jumbo Trailers

Weldship's Mini Jumbo Trailers are uniquely designed to provide the same reduced footprint as our Standard Trailer with even higher pressures. Utilizing 22-inch diameter jumbo tube technology, and available in DOT 3AAX, DOT3T and UN/USA specifications, these units are a dynamic blend of both Standard and Jumbo trailer capabilities. The best solution for small storage areas, Mini Jumbo Trailers contain a minimum number of threaded connections, and ensure that your product integrity is maintained.

- Pressures up to 3,190 psig available
- Tube lengths vary from 18 to 28 ft
- Ideal for Electronics and Specialty Gas applications
- 20 ft ISO/MEGC units can also be paired with a chassis for use as a Mini Jumbo.



# Jumbo/Super Jumbo Trailers

Jumbo Trailers utilize 22-inch outside diameter tubes up to 40 ft long and have a large capacity for bigger jobs where space is not critical. These units are designed for large volume and pressure capacities, and are tailored to your specific product. Weldship ensures your trailer will conform to the Gross Vehicle Weights (GVW), and is in compliance with all Federal DOT regulations. Our Super Jumbo Trailers offer larger capacities for certain products such as Hydrogen and Helium. Whether your project requires purchase or lease, Weldship has an extensive fleet to provide you with the ultimate haul.

- Pressures up to 3,190 psig available
- Tube lengths from 34 ft 4 in to 40 ft maximum





*Weldship certified  
MEGC's are  
manufactured to the  
optimum weight/  
payload efficiency thus  
providing the highest  
payloads and lowest  
cost available*

# ISO Containers (Multiple Element Gas Containers)

ISO-Containers, also known as Multiple Element Gas Containers, or MEGC's, are standardized, reusable shipping modules that provide safe, economical and secured storage for transportation of a variety of gases and specialty chemicals within a global containerized freight transport system. These types of containers can be shipped by any mode of transportation, whether ship, rail, or truck.

Weldship tube ISO-Containers (MEGC's) are manufactured in accordance with UN Model Regulations 6.7.5 and American Bureau of Shipping specifications. MEGC production is witnessed and verified by a 3rd party notified body inspector. Weldship tube ISO-Containers (MEGC's) are approved in accordance with IMDG, USDOT, AAR, CSC, UIC, ADR/RID, Customs/TIR and EU12079 for offshore approval.

The rigorous and stringent certification process ensures the containers are manufactured to withstand the maximum stacking, racking, 4G impact and other associated loading procedures that international intermodal transportation requires.

Weldship certified MEGC's (ISO-Containers) are manufactured to the optimum weight/payload efficiency thus providing the highest payloads and lowest cost. Available in 20 ft and 40 ft lengths, Weldship selects the tube, specification, pressure and container size to be compliant with U.S. and international regulatory requirements that meet our customers' needs.

Our in-house engineering and manufacturing professionals in Bethlehem, PA, and Gainesville, TX, design, manufacture, and test our containers to qualify them to transport compressed gases, liquefied gases and specialty chemicals around the globe.

ISO-Containers can be certified with SELO approval for China, KGSC for Korea, or KHK for use within Japan. Wherever you need to ship product, Weldship equipment will safely maximize your payload profitability.



*Our in-house engineering and manufacturing professionals design, manufacture, and test our containers to qualify them to transport compressed gases, liquefied gases and specialty chemicals around the globe*





# Texas Trailer Corporation



Texas Trailer Corporation, a Weldship Group company, manufactures, repairs and refurbishes high-pressure DOT/ASME cargo tanks, refrigerant and specialty chemical trailers, and storage tanks for refrigerated gases, liquefied gases and chemicals such as carbon dioxide (CO<sub>2</sub>), nitrous oxide (N<sub>2</sub>O), ammonia, chlorine, mercaptan and many others. Texas Trailer provides proven designs and will customize to the specific requirements

of any application. Each unit is engineered for proper weight distribution and optimal payload.



Our technically proficient workforce utilizes state-of-the-art manufacturing techniques, refurbishing and testing systems including Acoustic Emission and Ultrasonic Testing Equipment, Orbital Welding, and internal cleaning processes to provide the highest quality products and services. Texas Trailer assures that all national and international regulatory codes and standards are met for safe transport and storage. All Texas Trailer equipment is available for sale and lease.





## Trailer, ISO-Container (MEGC), Storage Manufacturing and Refurbishment

- CO<sub>2</sub> Trailer Manufacturing and Refurbishing
- CO<sub>2</sub> ISO-Container Manufacturing and Refurbishing
- CO<sub>2</sub> Portable Storage Manufacturing and Refurbishing
- Testing of Standard and Jumbo Tube Trailers
- Packaging and Testing of ASME Tube Assemblies
- Acoustic Emission and Ultrasonic Testing Services at the Texas Trailer facility or customer location
- Manufacturing and Refurbishing of Chemical and Refrigerant Equipment

## Features

- Optimized Payload
- Reduced Weight
- Adjustable for Optimized Weight Distribution
- Intraax AirRide Suspension
- Available Disc Brakes
- Roll Stability Systems
- Kubota Diesel Engine or Hydraulic Drive
- Electronic Turbine Meter
- Wide Base Tires
- Auto Inflation System
- Plug and Play LED Light Systems

# ASME Ground Storage Assemblies



Weldship offers a wide variety of newly manufactured and reconditioned ground storage modules, designed to meet ASME code. Our pressure vessel assemblies are National Board Certified and can be customized to meet any volume, pressure, and size requirements. ASME bundles are assembled to order whether your project calls for lease or purchase. Weldship also provides retesting and refurbishment to your aging assemblies.

- Pressure up to 10,000 psig
- ASME Section VIII, Division I, Appendix 22. Specification SA372, Grade J, Class 65 and 70
- Shorter length tubes available for tight spaces, 12 ft to 45 ft
- Assembled to any configuration required



# Leasing

Weldship owns, operates and maintains one of the largest tube trailer and ISO-Container (MEGC) lease fleets in the world. Equipment can be leased on a month-to-month basis or long term for the most economical rates. Our equipment meets all national and international codes and regulations and can be designed to meet your specific requirements.

# Services and Support

Weldship is committed to providing quality products and outstanding customer service for our customers around the globe. Our total support includes maintenance, engineering services, and retest capabilities at our locations, as well as for customer-owned equipment anywhere in the world. Weldship has the capabilities to perform Acoustic Emission and Ultrasonic Testing in the field saving on transportation costs and down time for your operations.

- Testing: Hydrostatic, Acoustic Emission and Ultrasonic testing of DOT and ASME pressure vessels
- Rehabilitation of tube trailers, ground storage assemblies and ISO-Containers
- Internal cleaning and preparation for high-purity service
- DOT testing of MC-331 containers (PKVI)
- Helium mass spectrometer leak detection
- Orbital welding

# Codes and Standards

- US DOT Registered Cargo Tank Manufacturer
- US DOT Registered Repair/ Retest Facility
- ASME/ National Board
- ISO-Container Periodic Testing and Requalification
- International Approvals:
  - ISO- IMDG- IMO- ADR/ RID
  - CSC- Customs TIR (SELO- China)
  - KS- KGSC (Korea) CE Marking
- Contracting with Authorized Inspection Bodies:
  - American Bureau of Shipping (ABS)
  - Bureau Veritas (BV)
  - DNV Det Norske Veritas



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**ISO 9001 CERTIFIED**  
