



Custom Fabricated Tanks



Specializing in Tanks & Equipment
for Chemical, Oil & Gas Industries

MANCHESTER TANK, an affiliate of McWane, Inc., is the premier manufacturer of pressure vessels for the containment of propane, compressed air, and chemicals in the United States, Canada, and Australia. The company's broad product line includes Department of Transportation (DOT) approved steel and aluminum cylinders ranging in size from 5 to 420 pounds and American Society of Mechanical Engineers (ASME) approved steel tanks ranging in size from 1 to 30,000 gallons. Our customers include Original Equipment Manufacturers (OEMs) and distributors in the following markets:

- | | |
|------------------------------------|----------------------------------|
| Air Compressor Assembly | Oil & Natural Gas Refining |
| Air Separator Assembly | Propane Equipment |
| Chemical Companies | Propane Major Marketers |
| Compressed Air | Propane Vehicle Systems |
| Fire Suppressant Systems | Recreational Vehicles |
| Food Processing | Refrigeration Recovery Equipment |
| Forklift Trucks | Retail Mass Merchandisers |
| Gas Grill | U. S. Government |
| Gasification | Utility & Waste Water Systems |
| HVAC Assembly | |
| International | |
| Oil & Gas Exploration & Production | |

Since 1946, Manchester Tank has grown from seven employees and one product line into an international company of over 700 employees and a broad line of virtually all low-pressure tank families. Our strong business development group is dedicated to work continuously to ensure our customers' needs are met efficiently and cost effectively. Our North American operation is headquartered in Franklin, TN, and includes manufacturing facilities in Bedford, IN, Crossville, TN, Elkhart, IN and Quincy, IL. Our added distribution points throughout the continent are strategically placed to guarantee timely delivery and convenience to our customers. Our Australian operation includes one manufacturing plant and a dedicated business development group, serving markets in Australia, New Zealand, and the Pacific Rim.



For more information on your company's chemical storage & transportation containers call:

1-800-399-5628

or fax 1-800-877-9988

CUSTOM 2 PIECE DE-AERATOR Used in steam generation systems. Because of its complex construction, this application is made in two sections, which are bolted together by the customer.



CUSTOM VESSEL FOR THE OIL & GAS INDUSTRY



LOW-PRESSURE TEE-TANK

This is a custom, 60" TEE, used for air applications.



INTERMEDIATE BULK CONTAINER - IBC



Preparing to lift the heaviest custom **INDUSTRIAL AIR RECEIVER** built by Manchester. 96" in diameter, 502" long.



VERTICAL TORICONICAL TANK Custom, 108" cone.



UN PORTABLE VESSEL FOR TRANSPORTING CHEMICALS



CUSTOM CYCLONE SEPARATOR AIR TANK



NON-CODE CUSTOM TANK & 10' ANGLED STAND

FIRE SUPPRESSANT CYLINDER

This 29 liter cylinder is being drop-tested.



FULLY AUTOMATIC CNC LASER CUTTING MACHINE WITH STATE-OF-THE-ART MATERIAL HANDLING

Manchester Tank is currently building tanks and cylinders under the following codes: DOT, ASME, USCG, ABS, IMDG, SAE-J10, TPED, PED, and CE, TC, Brazil NR-13 and Australian Approvals, ADR/RID or UN performance packaging. Manufactured to your specifications in vertical or horizontal configurations.

Maximum Container Capacities

(variance with container size):

Working Pressure

- Up to 36" (914.4mm) diameter, 3,000 psi (20.69 MPa) max
- Over 36" (914.4 mm) diameter, dependent on calculated thickness vs. overall weight

Diameter Range

- 2" to 120" (50.8 mm – 304.8 mm)

Length

- Up to 54' (16.4 m) or longer, determined by over the road permits

Weight

- Maximum 40,000 lbs. (18,100 kg), determined by crane

Water Capacity

- Up to 30,000 gallons

- Available in carbon steel, stainless steel and aluminum.
- Choose handling from 2-way, 4-way, forklift access, and/or lift lugs for safe transport.
- Valve compartments can be internal (concealed valve protection) or external (protected by heavy steel collars.)
- Valve installations are customer specific. We install customer supplied valves or special order to meet your engineering requirements.
- Capable of manufacturing complex multiple piece configurations and multi-chamber vessels.
- Various types, colors and finishes of internal and external coatings available. Special coatings are available through a subcontractor.
- Full engineering staff at your service.

Plant Capabilities

- Equipped with in-house x-ray testing and stress relieving ovens.
- State-of-the-art CNC laser, plasma, and punching machines.
- Special machining capabilities.
- Pneumatic testing used for tanks up to 36" (914.4 mm) diameter or 93" (2,362.2 mm) long.
- Hydro testing available for pressures up to 5,000 psi (34.48 MPa).
- Standard chemical cylinders manufactured:
 - Clean Agent Fire Suppressants
 - Propane
 - Refrigerants
- Standard industrial tanks manufactured:

Air Drying	Oil
Air Separators	Portable Chemical
Bladder	Propane
Compressed Air	Vacuum
Gas Compression	
- Custom chemical cylinders and industrial tanks available, contact Manchester Tank for additional engineering information and pricing.

Save Money with Our Reusable Tanks & Cylinders

Now you can not only safely transport or store hazardous materials, these rugged packages are built for re-use, so you no longer have to dispose of your investment.

Custom tank shipments originate from the plant of manufacture.



800-399-5628

www.mantank.com

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