

CHLORTAINER®

TOTAL CONTAINMENT SYSTEM

150 CHLORTAINERS



ChlorTainer is a high-pressure containment vessel into which a 150-lb chlorine gas cylinder is processed. If the cylinder should leak, all chlorine gas is contained within the vessel and processed at a normal rate, so no hazardous waste is generated. Scrubber systems, fans, pumps, tanks, and mechanical systems are not required. ChlorTainer addresses RMP considerations, enhances site security, and provides fail-safe protection for plant operators.

Our Single 150 vessel accommodates one 150-lb cylinder, while the Twin & Dual ChlorTainers accommodate two 150-lb cylinders. The Twin processes both cylinders simultaneously, while the Dual processes gas from only one cylinder at a time and is designed for automatic switchover capabilities. Whether you need a 150 Single, Twin, or Dual ChlorTainer, all vessels come with a 2-bolt chain-drive closure, a scale system and a movable loader.

**The Safest, Most Reliable Technology for Processing
and Preventing a Chlorine Gas Release**

For the safety of water treatment plants and other facilities, ChlorTainer is the best way to store and process chlorine gas.

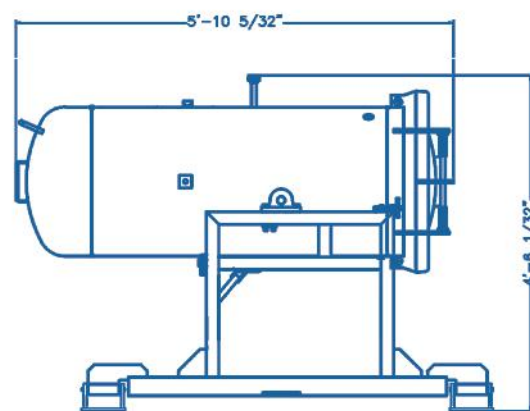
It is a simple secondary containment vessel that can be installed indoors, or even located in an open-air structure as long as it provides shelter from direct sunlight and rain.

ChlorTainer works not only to provide chlorine gas safety and containment, but can operate with sulfur dioxide and anhydrous ammonia as well. The vessel is built to ASME code and can easily withstand the maximum pressure produced by a failed cylinder.

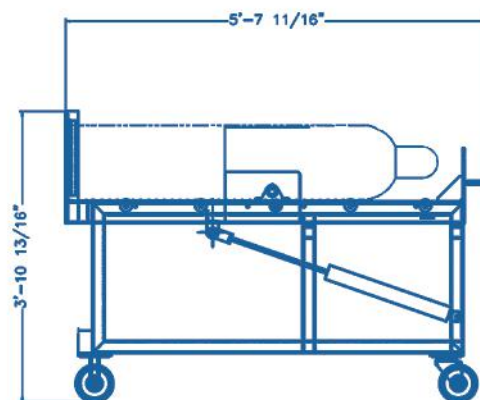
ChlorTainer provides dependable operation with minimal annual maintenance and is designed to have a life expectancy of no less than 100 years.

Design Pressure	285 psig @ 300° F
Minimum Design Metal Temperature	-20° F @ 285 psig
Corrosion Allowance	1/16 inch
Fabrication Code	ASME Section VIII, Div 1
Hydro Test	380 psig per UG-99
Interior Paint	2.5-3.0 Mils DFT Inorganic Zinc
Exterior Paint	4-6 Mils DFT Epoxy 2 Mils DFT Polyurethane
Welding	ASME Code Section IX
Vessel Weight	1,500 pounds
Materials Used	Carbon Steel Vessel, Monel 400 Bossets

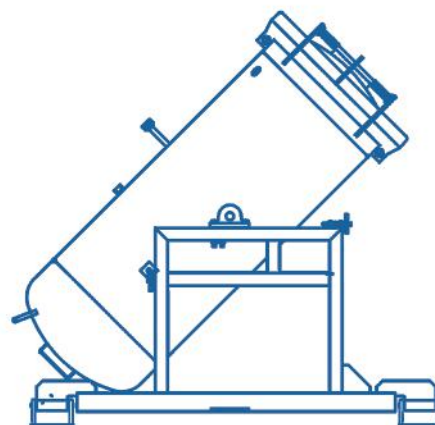
NOTE: Material used may vary when designed for other toxic gases



Side View of Vessel
Positioned for Cylinder Loading



Side View of Loader
Positioned for Cylinder Loading



Side View of Vessel
Positioned for Operating

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