TRAFFIC SAFETY SYSTEM

O2 Tank Lifter

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TSS100-TL



TSS100-HD



TSS100-TL-12v

Compressed Gas Tank Lifters available in Manual and 12 volt.

Custom Orders available Build to suit. Sizes include Standard (TL) and Heavy Duty (HD) both sizes available in manual or 12 volt operation

Option: 9" standard Tank holder, 16" upon request

Overview

The Traffic Safety System Tank Lifter is designed to assist in the lifting and moving of compressed gas cylinders. The stabilizing legs and front wheels provide a firm base when lifting a cylinder into a vehicle or storage rack. The hand-cranked or 12 volt winch provides for precise lifting through a high-strength nylon strap. sizes available. LT, HD and 12 volt

Features

Strong all steel Construction

Tank Hold-down Strap

10” airless Tires, never go flat

Stabilizing Legs w/Wheels

Hand-cranked Winch or 12 Electric





Specifications LT series

Height:	51 “
Width:	21”
Length:	20”
Weight:	90 lbs
Lift Height:	30”
Capacity:	250lbs

Specifications HD series

Height:	76”
Width:	25”
Length:	26”
Weight:	120 Lbs
Lift Height:	45”
Capacity:	400lbs





TL Tank Lifter Specifications

Caution: The TSS Tank Lifter is designed to be used with the listed compressed gas cylinders only. Using the Tank Lifter to move or lift any other equipment could result in damage to equipment or injury to personnel.

Cylinder Size:	9 inches , 16 inches
Height:	52” to 72”
Weight:	250 Pounds LT, 400 Pounds HD
Lift Height:	32 Inches LT, 45 inches HD

SAFETY SUMMERY

TSS products are engineered and manufactured with safety in mind. It is critical that all products are maintained, and operated correctly. Read and understand all instructions before performing maintenance, or operating.

The following safety precautions shall be observed while performing procedures in this manual.

- ***“Lift tanks only on a flat surface”.***
- It is recommended that 2 personal operate these units together for safety.
- The Tank Lifter should only be used only with the cylinder size listed in the Specification Section.
- The cylinder should have a valve cap in place.
- The Tank Lifter should only be used to transport cylinders when in the down position.
- The Tank Lifter should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the Tank Lifter to tip or fall.
- Make sure that the web lifting strap is in place on the roller.
- The Tank Lifter tires are foam filled and do not need air but the bearings should be greased annually.
- Do not over load unit.

USING THE TANK LIFTER

Read the Safety Summary before using the Tank Lifter.

When loading a cylinder lower the slide assembly. It must be all the way down and there must be some slack in the web strap. Move the cylinder onto the shoe and push to very back. Pull the restraint strap around the cylinder, and hook into ring on opposite side, snug it up, transport the cylinder in the down position, when in position crank the winch and lift to needed height. Use winch in the lock position and release when lowering. ***Always hold winch handle when raising and lowering or flipping the change of direction lever.*** The cradle will stay locked at what ever height it is set at until the change lever is flipped.

Use extreme care when moving the Tank Lifter with the cylinder raised.



Tank Holder in 9" or 16"





Use extreme care when moving the Tank Lifter with the cylinder raised.
lift only on Flat surface.

Notes: