

# SAF~T~LIFT

**PATENT PENDING**

## **History:**

The development of the Saf-T-Lift was born from the need to safely handle equipment. Using rope slings or cables and guessing where to balance the load has resulted in damaged equipment and injuries to workers. Some transformer companies will not warranty their equipment if it is installed using slings instead of an approved spreader bar such as the Saf-T-Lift.

The Transformer Saf-T-Lift enables the user to safely lift and/or install transformers, capacitor banks, electrical pole mount and pad mount transformers, switches in substations, arrestors, MVA transformer insulators, lift vault lids, vault grates, manhole lids, setting wire reels in wire trailers and many other uses.

The Communications Saf-T-Lift enables the user to safely lift vault lids using adjustable J-hooks.

The Manhole Saf-T-Lift enables the user to safely lift manhole lids with the grate hooks, cable slings and a multiplying foot.

## **Material and Accessories:**

The Saf-T-Lifts are made of aircraft aluminum. 64", 48", 42" & 30" in length. ODT can custom build the Saf-T-Lifts to meet your specific needs.

The Transformer Saf-T-Lift can be ordered with or without lifting nylon straps. The nylon straps come with metal D-rings to reduce abrasion and wear and tear on the nylon strap at the attachment points. Choose the accessories that best fit your needs for the Communications and Manhole Saf-T-Lifts.

## **Specifications:**

The Saf-T-Lift is designed with a 6 to 1 safety factor. Each unit will have the model number, the lifting capacity and the serial number embossed into the aluminum.

## **Patented Design:**

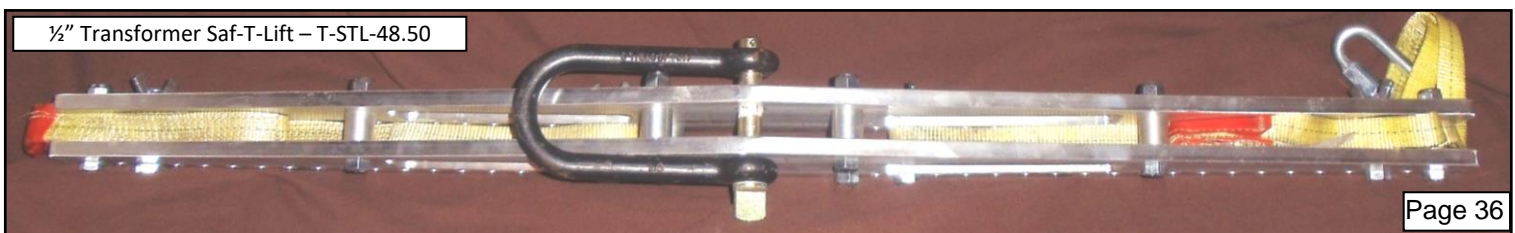
The Transformer and Communications Saf-T-Lifts are designed with two plates connected with 1" stabilizing spacers and bolts to provide increased rigidity which reduces the potential for overloading resulting in damage to the device and equipment. There are 21 attachment points on each side of the device providing excellent adjustment capabilities for the user. Each time the attachment point is moved in on each side, the lifting capacity is increased by 200 pounds.

The Manhole Saf-T-Lift has one plate designed to defect when the rated capacity is exceeded, but reverts to its original shape. Place two Manhole Saf-T-Lifts together to double the lifting capacity.

## **Advantages/Uses:**

1) The 2 point lifting system will remove the stress load off the equipment thereby eliminating damage to the equipment and providing a safe working environment for the worker. When a single point lifting device is used, the potential for crushing the equipment exists and is a potential hazard for the worker. 2) Lift large loads due to the design of load to work ratio. 3) The ability to relocate the lifting points for safer lifting. 4) The ability to balance the load. 5) Designed to be used with a crane or fork lift.

NOTE: The ½" assembly uses 2" straps



# SAF~T~LIFT



<b>Transformer Saf-T-Lift</b> - rated for 13,000 pounds (42" long) - 1/2" Double Plates	T-STL-42.50
<b>Transformer Saf-T-Lift</b> - rated for 11,960 pounds (48" long) - 1/2" Double Plates	T-STL-48.50
<b>Transformer Saf-T-Lift</b> - rated for 10,970 pounds (64" long) - 1/2" Double Plates	T-STL-64.50
Transformer Sling - 2" x 36" w/D Rings - rated 12,000 pounds (each)	T-SLING-2D
Cylinder Pin with Clips	T-STL-C-Pin
Oval Link	T-STL-OVL-Lnk
<b>Communication Saf-T-Lift</b> - rated for 10,000 pounds (42" long) - 1/4" Double Plates	C-STL-42.25
<b>Communication Saf-T-Lift</b> - rated for 9,200 pounds (48" long) - 1/4" Double Plates	C-STL-48.25
<b>Communication Saf-T-Lift</b> - rated for 8,400 pounds (64" long) - 1/4" Double Plates	C-STL-64.25
J-Hook - rated for 5,400 pounds - 6" long	JH-6
Detent Pin - Rated for 10,000 - 4"	DP-4
<b>Manhole Saf-T-Lift</b> - rated for 2,400 pounds (30" long) - 1/2" Single Plate	MH-STL-30.50
<b>Manhole Saf-T-Lift</b> - rated for 1,200 pounds (48" long) - 1/2" Single Plate	MH-STL-48.50
<b>Manhole Saf-T-Lift</b> - rated for 1,000 pounds (64" long) - 1/2" Single Plate	MH-STL-64.50
Saf-T-Lift Multiplying Foot 11" long	STL-MTP-FT
Saf-T-Lift 6' Pipe Cable Sling Set w/hooks	STL-CABLE
Saf-T-Lift Grate Hooks per set	STL-HKS

Choose the Saf-T-Lift and accessories that best fit your needs to safely lift the following...

Overhead and pad mount transformers, wire or wire reels, compositor banks, manhole lids, vault lids, pipe, equipment...the possibilities are endless.



In these pictures, the 1/2" Transformer Saf-T-Lift – T-STL-48.50 was used to set the pad mount transformer in place with the lid open.



1/2" Manhole Saf-T-Lift – MH-STL-64.50

