

# FORK MOUNTED TELESCOPING BOOM OWNERS MANUAL

## SAFETY PRECAUTIONS

***Read owner's manual completely before operating unit!***

- Secure Boom Lift to fork truck carriage with safety chain.
- Never stand underneath lift device when in use.
- Be sure fork mast is tilted back toward driver.

## RECEIVING INSTRUCTIONS

Every unit is thoroughly tested and inspected prior to shipment. However, it is possible that the unit may incur damage during transit. If damage is noticed when unloading, make a note of it on the **BILL OF LADING**. Remove all packing and strapping material, and then inspect the unit again for damage. **IF DAMAGE IS EVIDENT, NOTE ANY DAMAGES ON BILL OF LADING AT TIME OF DELIVERY, AND FILE A CLAIM WITH THE CARRIER IMMEDIATELY!** Finally, check the design specifications to ensure they match those as requested (i.e. model type, capacity, etc...)

## INSTALLATION INSTRUCTIONS

**STEP 1** -Insert forks through fork pockets of Boom so that the back side of boom is in contact with fork carriage of fork truck.

**STEP 2** -Attach safety chain to fork truck carriage.

**STEP 3** - Tilt fork carriage and mast back toward the driver so that boom does not slide off forks.

**STEP 4** - Make desired adjustments to boom length by sliding the inner extension tube in or out of main tube, and locking it down with infinite locking screw.

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## BEFORE OPERATION

- 1.) Ensure that forks of forklift are completely through boom fork pockets, and that the boom is against the fork uprights near the carriage of the forklift.
- 2.) Secure boom to forklift by wrapping chain around the carriage of the forklift. Pull the chain as tight as possible and lock chain to carriage utilizing the locking hook on either end of the chain.
- 3.) To adjust height using the orbital function: lower boom to the ground with the fork truck tines engaged and safety chain secured to mast. While stabilizing the boom pivot handle, remove pivot locking pin and position boom to desired height. (Note: this operation can be performed by one person, but it is strongly recommended to have two persons position the boom.)
- 4.) Extend the telescopic pipe to the desired distance and secure with locking pin. Ensure the pin is locking the telescopic pipe is in place and it cannot move horizontally.
- 5.) Review boom capacity to ensure the boom can lift the desired load at the desired distance safely.
- 6.) Review forklift owner's manual for forklift capacity at the load center of gravity distance and raised height to ensure the forklift can lift the desired load safely. **NEVER OVERLOAD THE FORKLIFT!**
- 8.) Do not use the boom if it has been damaged.
- 9.) Tilt mast back toward driver. **NEVER** tilt mast top forward as boom may tend to slip off forks.

## OPERATION

- 1.) Wrap lifting chain, nylon strap, around the load you desire to move. Secure load to boom utilizing one or both front and rear hooks of the hook bar.
- 2.) Lift the load slowly. If the forklift begins to rise, the load is too heavy for the forklift. Unattached the bundle and move the center of the load closer to the forklift. This may require pushing the telescoping pipe back into the larger pipe and locking into position. Make sure all personnel are clear before attempting to lift load. If bundle does not rise evenly, re-center the lifting chains so the load remains parallel with the surface.
- 3.) Raise the load to transporting height, keeping load as close to the ground as possible.
- 4.) Transport the load to the desired location. Move slowly and avoid all bumps and inclines/declines. Ensure all personnel are clear of the area. If at any time the forklift begins to raise, **STOP**, and adjust the center of the load as described in paragraph number 2.
- 5.) Raise/Lower the load into the desired position. Lower load slowly into place.
- 6.) Un-attach load lifting chains from boom. Push telescoping boom back into larger pipe and secure with locking pin.