

# Electric Tubavator

The Tubavator is designed to lift and lower tuba cases from the ground level to the open doorway. While one person can operate the Tubavator from the second floor, additional help is needed on the ground to attach and detach tuba cases. Begin by opening the upstairs gate or removing the door bar. The door bar can be pinned into the hanging keeper in the E-track next to the door opening. Unclip the Tubavator hook from the frame, letting the hook dangle from the end of the arm. Check that the line is around the pulley at the end of the arm and not frayed. Swing the arm out of the trailer, ensuring the hook will not swing back against the trailer exterior during the lowering process. Use the down button on the switch against the trailer wall to lower the hook so that it can be attached to a case. Once the case has been secured and the path is clear around the case, press the up bottom on the switch. Raise the case high enough to swing the arm and case into the trailer and over the floor. Lower the tuba case onto the floor using the down button.

DO NOT pull on the case as the Tubavator is hoisting; the slack in the line may cause it to dislodge from the pulley. Gently lower the case to the floor using the down button, then unhook from the case. Move the case to its proper transit storage location.

To lower a case to the ground, attach the hook to the tuba case, and raise enough to clear the floor. Gently swing the arm out of the trailer, and make sure the tuba case is not swinging before lowering. Press the down button on the switch until the tuba case meets the ground. An assistive person on the ground can unhook from the case.

To stow the Tubavator, clip the hook onto the frame of the trailer. Do not tighten against the hook. Make sure the gate is closed and latches or the door bar is replaced. Routine checks of the Tubavator lifting line are necessary to look for fraying or damage and to ensure the lifting line is properly routed through all the pulleys. The hook weight should always raise and lower smoothly. Contact the Clubhouse for any assistance.

\*\*The Tubavator is rated for 85lbs. Attempting to lift items in excess of 85lbs can result in damage to the Tubavator or operator.\*\*

## Maintenance:

- Check that the lifting line is not frayed or damaged at the beginning of the season, during each use, and before storing the trailer at the end of the season. Replacement lines can be purchased through the Clubhouse.
- During and after each use, ensure that the lifting line is still properly routed through the pulley system and is not twisted.