

Yard Ramp Owner's Manual



Review and understand all Safety Practices, Warnings, Installation and Operating Instructions prior to operating, installing or servicing the ramp. Failure to review and understand all instructions could result in serious injury or death.

INSTALLATION

READ AND FOLLOW THE INSTALLATION INSTRUCTIONS CONTAINED IN THIS MANUAL BEFORE OPERATING THE YARD RAMP. If you do not understand the instructions, ask your supervisor to teach you how to install the Yard Ramp.

Safety chains should be looped around the carrier frame and pulled tight to prevent excessive slack. Excessive slack could result in accidental separation of ramp and trailer. Dock surface or trailer floor should allow the 15" ramp lip to rest firmly on top. Loading docks or other fixed platforms must be equipped with a firmly anchored eye or hook device to properly secure the ramp.

Position the ramp to the dock or trailer with the bumper plate as close to the dock face or trailer as possible to prevent excessive slack. Loop both safety chains to the trailer and eye or hook device and pull tight to remove any excessive slack.

Not attaching or allowing too much slack in safety chains may cause the ramp to move and fall free from the dock surface, resulting in equipment damage, serious injury or death.

SAFETY & OPERATION

READ AND FOLLOW THE SAFETY & OPERATION INSTRUCTIONS CONTAINED IN THIS MANUAL BEFORE OPERATING THE YARD RAMP. If you do not understand the instructions, ask your supervisor to teach you how to use the Yard Ramp.

To meet OSHA requirements, before use the carrier must set the brakes and wheel blocks in place to prevent movement of the trailer while loading and offloading. If the trailer is not coupled to a tractor to meet OSHA requirements, support jacks may be necessary to support a trailer during the offloading and loading process. Ramp must be secured to a dock or truck with the use of safety chains prior to traveling on the ramp. Do not use the ramp if safety chains are missing or are not secured in place. Separation of ramp and carrier or ramp and dock may result in serious injury or death.

Lift truck operators should always follow standard operating and safety procedures. Forklifts and vehicles should always travel in a low gear at a slow and safe speed, never exceeding 5mph. Maintain an even rate of speed as you approach the ramp with the fork truck or vehicle. Never attempt to accelerate, change gears or stop vehicles while traveling on the ramp. Never travel on ramp unless lip is securely on dock floor and attached safety chains are securely in place. Forks should always be tilted back and raised to avoid contact with the ramp decking while ascending and descending. Do not exceed the rated capacity of

the ramp; exceeding the rated capacity may cause damage, serious injury or death. Do not exceed the height range that this ramp was specifically manufactured to accommodate. Forks should point toward the dock or elevated end while traversing the ramp. When traversing up the ramp toward the dock or elevated end be certain there is door clearance for large loads. Ramp should not be used if personnel or material is located in front of or in the general area of the lip. Discontinue use of the ramp if it appears damaged and contact the factory.

ADJUSTABLE LEGS

Two speed hand crank design allows for easy adjustability to service a variety of dock and trailer heights. Raise ramp to desired height by rotating handle counter clockwise, always grip the handle tightly using both hands. Ramp lip should be raised slightly higher than truck bed or dock height. Slowly move ramp by use of the ramp clamp to dock allowing lip to rest fully on the dock surface. Truck to ground applications should have carrier back slowly into ramp, ramp lip should rest fully on trailer floor. All personnel, equipment and machinery should be clear of ramp while carrier is positioning itself toward ramp. The ramp lip should be fully inside trailer, once in position, lower ramp onto trailer floor or dock surface by rotating the hand crank counter-clockwise to lower.

Once ramp has been lowered, secure the ramp to the trailer or dock by utilizing the safety chains. Ramp must be secured to carrier or dock prior to use. Failure to secure ramp could result in serious injury or death.

Carrier must set brakes and set wheel blocks in place to prevent movement of the trailer while offloading and loading to meet OSHA requirements.

Never attempt to raise or lower the ramp while under load.

Always secure the handle when not in use.

STORAGE

Once trailer or dock has been completely loaded / offloaded and the lift truck is clear from ramp, the ramp can be disconnected from the carrier or dock by removing the safety chains.

After the safety chains have been removed, use the crank legs to raise the ramp lip high enough to clear the dock or trailer floor.

The carrier may now be slowly pulled forward away from the ramp or the ramp can be moved from the dock to another location.

MAINTENANCE

Welds, grating and materials should be inspected for any sign of damage or failures annually or more frequently depending on usage.

Steel framing that shows signs or rust should be wire brushed, primed and painted. Steel will show signs or rust due to environmental conditions; this is not a warranty issue and is considered maintenance.

Adjustable legs should be greased every 6 months or more often depending on environment and usage.

TROUBLE-SHOOTING

Hard to Raise	1) Turning handle in wrong direction 2) Lack of Grease 3) Damaged lift screw or lift nut 4) Cross shaft binding	Rotate counter-clockwise to raise / clockwise to lower Grease landing gear Check for any signs of impact damage Inspect cross shaft bolts. Back off bolts to allow lateral (side to side) movement of the cross shaft
Shaft Turns but Legs Do Not Operate	1) Broken shaft or shaft bolt. 2) Broken pinion gear or bevel gear or gear pins.	Replace broken bolt(s) or shaft as needed. Replace broken gear(s) or pins.
Shaft Does Not Turn	1) Broken gear teeth 2) Damaged lift screw or not 3) Seized lift screw or nut 4) Bent inner or outer leg tube	Replace broken gear(s) Replace inner leg or entire landing gear Replace inner leg or entire landing gear Replace bent inner or outer leg, or entire landing gear leg.
Crankshaft Skips When Cranking	1) Broken gear teeth	Replace broken gear(s)

WARRANTY

Industrial Toolz (warrantor) warrants to the original consumer (purchaser) only that any Loading Ramp will be free from defects in workmanship under normal use for a period of one year from the date of purchase, provided the purchaser maintains and utilizes the ramp in accordance to the Owner's Manual.

This warranty does not apply to products altered, have been subject to negligence, overloading, accident, misuse, damage or lack of reasonable and unnecessary maintenance or service, nor does it warranty the improper installation, normal wear and tear or defects in the product during installation.

If you believe the product ordered is defective in workmanship please contact Industrial Toolz to determine whether your claim is covered by the warranty. Prior to providing a warranty service or replacement product Industrial Toolz may request you return the product freight prepaid to our manufacturing facility located in Kenosha, WI for evaluation.

Except to the extent prohibited by applicable law, all implied warranties, including warranties of merchantability and fitness for a particular purpose, are limited to the duration to the shorter of the period provided by law or period of the warranty and under no circumstances shall Industrial Toolz, be liable for incidental or consequential damages sustained in connection with the product. The express warranty above constitutes the entire warranty and in lieu of all others expressed.

Some states do not allow the exclusion or limitation or consequential damages, or limitation on how long an implied warranty lasts, so the above limited or exclusions may not apply to you.

The warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.