

## YARD RAMP

### Balance

Wheels are located near the balance point of the yardramp with the heavy side on the approach (or low) end for ease of operation and to make the yardramp trail properly when being towed. The balance will shift as the yardramp is elevated.



### Towing

Release hydraulic pressure (rotate pump release valve handle counter-clockwise) and let yardramp settle slowly to its lowest position. Leave pump release valve open while yardramp is being towed to prevent damage to the hydraulic system.

Towing speed will be governed by prevailing conditions but should not be such as to cause severe jostling. Towing speeds should not exceed 10 MPH. Off Road towing must be accompanied with appropriate suspension option. The ramp clamp is intended for short towing distances. Tow bars are intended for longer distances. Over the road towing is limited by governing state and federal laws.



### Raising

Open pump vent plug/drain cock by making 2 complete turns counter-clockwise. The vent plug/drain cock must be partially open while operating pump.

Close pump release valve by rotating handle clockwise or pushing handle toward mid-section of ramp. **Caution:** Do not over tighten, as it is unnecessary and will damage the valve seat.

Install pump handle, stored on side of yardramp, onto the pump actuator pin which is accessible through an opening in the grating. Actuate pump handle with long strokes parallel to yardramp until lip of yardramp is higher than the level on which it is to rest. Return pump handle to holder. **Note:** Numerous cycles of the handle are required to prime the system after shipment or following extended periods without use.



**Warning:** To avoid injury and equipment damage, do not continue pressurizing cylinders after they reach maximum travel.

### Positioning

Position the yardramp so that the front lip is over the surface on which it is to rest with the stop plates resting against the edge of surface. Slowly open the pump release valve by turning the lever counter-clockwise to lower the ramp. Downward movement of the yardramp can be stopped at any point and its lip height held at that level by closing the pump release valve. After the yardramp has settled into place and stopped moving, open the pump release valve completely and leave in open position until ready to raise the yardramp again.

**Do not load yardramp with the pump release valve closed. Do not back trucks up to and under lip of yardramp. Always move the yardramp to the truck.**



## Securing

For safety, always secure the yardramp in place utilizing the two safety chains. Chains should be looped around a sturdy part of the carrier, platform, or dock on which the yardramp is resting using the grab hooks to complete the loop. The chains should be as tight and as horizontal as possible but allow for change in vehicle height caused by shifting loads.

## Using

Vehicles traversing the yardramp should always maintain a slow, steady speed, preferably in low gear. They should not stop or change gears while on the yardramp as the increased traction will cause excessive wear and damage to the vehicle tires.

Forklift trucks should ascend and descend with their forks tilted back and raised enough to avoid contact with the yardramp deck.

## Storage

When finished using the yardramp:

1. Release the safety chains and place them securely on deck of the yardramp
2. Close pump release valve
3. Insert pump handle and actuate pump until lip of yardramp is clear of supporting surface
4. Roll yardramp away from platform, dock, or vehicle. Trucks may be driven away from the yardramp but not before steps 1-3 above have been performed
5. Open pump release valve slowly
6. Lower yardramp to stored position
7. Close pump release valve and vent plug/drain cock
8. Replace pump handle into holder on the side of the yardramp

