

3.0 Operation

This section provides the necessary information needed to operate the aerial platform. It is important that the user reads and understands this manual before operating the aerial platform.

3.1 General

In order for this aerial platform to be in good working condition, it is important that the operator meets the necessary qualifications and follow the maintenance and inspection schedule referred to in this manual.

3.1-1 Operator Qualifications

- Only trained and authorized personnel shall be permitted to operate an aerial platform.
- Safe use of this aerial platform requires the operator to understand the limitations and warnings, operating procedures and operator's responsibility for maintenance. Accordingly, the operator must understand and be familiar with this operating manual, its warnings and instructions, and all warnings and instructions on the aerial platform.
- The operator must be familiar with employer's work rules and related government regulations and be able to demonstrate the ability to understand and operate this make and model of aerial platform in the presence of a qualified person.

3.1-2 Operator's Responsibility for Maintenance. **WARNING.** Maintenance must be performed by trained and competent personnel who are familiar with mechanical procedures. Death or serious injury could result from the use of an aerial platform that is not properly maintained or kept in good working condition.

- The operator must be sure that the aerial platform has been properly maintained and inspected before using it.
- The operator must perform all the daily inspections and function tests found in Table 4.6, even if the operator is not directly responsible for the maintenance of this aerial platform.

3.1-3 Maintenance and Inspection Schedule

- The inspection points covered in Table 4.6 indicate the areas of the aerial platform to be maintained or inspected and at what intervals the maintenance and inspections are to be performed.
- The actual operating environment of the aerial platform may affect the maintenance schedule.

SCISSOR LIFT SAFETY & OPERATING PROCEDURES:

All lift vehicles are should rope off the area in which they are working using either YELLOW caution ribbon or RED danger tape, anytime there is danger that something could be dropped on a person

below.

A Yellow caution ribbon is used to make people aware that there is potential for injury and to take caution. A person may enter the caution zone with your permission. Red DANGER tape is used to ensure no one is to enter the hazardous area where there is greater potential for injury. No one should enter a Danger area once it is roped off.

Operators will display a professional attitude and will demonstrate the following skills:

Respect for personal safety.

Regard for safety of others.

Obey procedures at all times.

Demonstrate excellent work habits, efficiency and reliability.

Demonstrate respect for facilities and property.

It is wise to consider safety as top priority in any job.

General Instructions for Safe Operation:

Any person operating the controls of the Scissor lift or occupying the platform must be familiar with these Safety and Operating Procedures.

Electrocution Hazard: This machine is not insulated. Maintain safe clearances from electrical power lines and apparatus.

You must allow for platform sway, rock or sag.

This work platform does not provide protection from contact with a proximity to an electrically charged conductor.

The National Safety Council reminds us that most accidents are caused by the failure of some individuals to follow simple and fundamental safety rules and precautions, common sense dictates the use of protective clothing when working on or near machinery. Use appropriate safety devices to protect your eyes, ears, hands, feet and body. You as a careful is the best insurance against an accident. Therefore proper usage of this work platform is mandatory.

The purpose of the Scissor Lift work platform: to transport and raise personnel and tools to overhead work areas.

The following points must be remembered when operating a Scissor Lift:

Do not drive near drop-offs, holes, or loading docks.

Do not raise platform on slope or drive onto slope when elevated.

Do not raise platform on uneven or soft surfaces.

Do not drive onto uneven or soft surfaces when elevated.

Do not use without guardrails, mid rails, chain, or bar in place.

Do not raise platform in windy or gusty conditions.

Do not exceed rated load.

Do not use if working platform is not working properly or if any part is damaged, worn or missing.

Do not use near moving vehicles or cranes.

Do not stand or sit on guardrails.

Do not use under the influence of alcohol or drugs.

Do not override safety devices.

Do not raise platform while machine is on a truck, forklift, or other device or vehicle.

Do not use ladder, scaffolding, or other devices to increase size or working height of platform.

Do not use with damaged tires.

Do not attach ropes or chains to guardrails or use as a crane.

Do not use with tires that are not per manufacturers, specifications.

When using the Scissor Lift above or near an overhead hoist travel way, the overhead hoist must be locked out. If you are working near the orange duct-o-bars by the hoist travel rail, the main switch for the duct-o-bars must be locked out and checked for power by an electrician.

FAILURE TO AVOID THE ABOVE HAZARDS MAY RESULT IN SERIOUS INJURY!

Procedures for Operation

PRE-START CHECKS

1. Check for obstacles around the work platform and in the path of travel such as holes, drop offs, debris, ditches and soft fill.
2. Check for overhead clearances.
3. Make sure the batteries are fully charged. Disconnect battery-charging system from external power source.

START AND OPERATION

1. Pull out the emergency stop button on the control panel.
2. Select “platform” with off/platform/base select key switch.
3. Enter the platform.
4. Pull out the emergency stop button on the platform control panel.
5. Proceed with job using the required buttons, levers and controller located on the operator console.
6. The Scissor Lift is equipped with a high and low range for travel. It can be used in high range in open travel ways, but should be used in low range in tight areas.
7. If painting is being done while on the Scissor Lift, cover up the platform, handrails and controls to minimize overspray or splashing on the Scissor Lift.

SHUTDOWN PROCEDURE

1. Fully lower the platform.
2. Push the emergency stop buttons.
3. On the operator console.
4. On the base control.
5. Turn the base key switch to the off position.
6. If you are finished with the Scissor Lift, clear all tools, debris, etc., from the platform and plug the Scissor Lift in to recharge the battery.