



023-24004

Mounted Material Lift Manual



Always verify the latest revision of the Safewaze Manual is being utilized. Visit the Safewaze website, or contact Customer Service, for updated manuals.

⚠️WARNING:

THIS EQUIPMENT IS DESIGNED FOR USE AS A MATERIAL HAULING LIFT. DO NOT USE FOR FALL PROTECTION.

The manufacturer's instructions must be provided to users of this equipment. The user must follow the manufacturer's instructions for each component of the system. The user must read and understand these instructions before using this equipment. Manufacturer's instructions must be followed for proper use and maintenance of this equipment. The user must understand how to safely and effectively use the Mounted Material Lift and all equipment used in conjunction with the system. Alterations to this product, misuse of this product, or failure to follow instructions may result in serious injury or death. Avoid moving machinery, sharp and/or abrasive edges, and any other hazard that could damage or degrade the component.

Do not throw away instructions!
Read and understand instructions before using equipment!

⚠️IMPORTANT:

- Please refer to this manual for essential instruction on the use, care, or suitability of this equipment for your application. Contact Safewaze for any additional questions.
- Only Safewaze, or entities authorized in writing by Safewaze, may make repairs to Safewaze fall protection equipment.
- Record all important product information below prior to use. Documentation of all Competent Person annual inspections is required in the Inspection Log.

INTRODUCTION

Thank you for purchasing a Safewaze Mounted Material Lift. This manual must be read and understood in its entirety and used as part of an employee training program as required by OSHA or any applicable state agency. This manual and any other instructional material must be available to the user of the equipment. Every user must be trained in the inspection, installation, operation, and proper usage of the system.

USER INFORMATION

Date of First Use: _____ Trainer: _____

Serial Number: _____ User: _____

V1. 2024 © Safewaze: 220-00110

SPECIFICATIONS

The Safewaze Mounted Material Lift is a material lifting anchor point that clamps directly to vertical, supported scaffolding.

- Working Load Limit: 500 lbs. (226.8 kg)
- Item Weight: 35.1 lbs. (14.5 kg)
- Dimensions: 40" x 18" x 2-4/10" (1016 mm x 457.2 mm x 61 mm)
- Materials: Steel and Aluminum
- Features:
 - Pulley and rope lock can be used in a 2:1 or 1:1 setup, giving the user a mechanical advantage while lifting.
 - Rope lock engages to prevent accidental dropping of materials.
 - Horizontal pivoting and locking system allows for users to transition lifted materials closer to the working surface, reducing fall hazards.
 - (2) Triple-lock carabiners included
 - Rope sold separately depending on required length.
- Not suitable for fall protection use.

WORKER CLASSIFICATIONS

Read and understand the definitions of those who work in proximity of, or may be exposed to, fall hazards:

Qualified Engineer: "Qualified Engineer" means a person with a Bachelor of Science in Engineering degree from an accredited college or university. They are able to assume personal responsibility for the development and application of engineering science and knowledge in the design, construction, use, and maintenance of their projects.

Qualified Person: "Qualified Person" means one who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training, and experience, has successfully demonstrated their ability to solve or resolve problems relating to the subject matter, the work, or the project.

Competent Person: "Competent Person" means one who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.

Authorized Person: "Authorized Person" means a person approved or assigned by the employer to perform a specific type of duty or duties, or to be at a specific location or locations, at the jobsite.

It is the responsibility of a Qualified Person or Engineer to supervise the jobsite and ensure safety regulations are complied with.

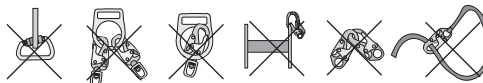
MAKING CONNECTIONS

Snap hooks and carabiners used with this equipment must be double locking and/or twist lock. Ensure all connections are compatible in size, shape, and strength. Do not use equipment that is not compatible. Ensure all connectors are fully closed and locked.

Safewaze connectors (hooks, carabiners, and D-rings) are designed to be used only as specified in each product's manual. See Figure 3 for examples of inappropriate connections. Do not connect snap hooks and carabiners:

- To a D-ring to which another connector is attached.
- In a manner that would result in a load on the gate (with the exception of tie-back hooks).
- In a false engagement, where features that protrude from the snap hook or carabiner catch on the anchor, and without visual confirmation seems to be fully engaged to the anchor point.
- To each other.
- By wrapping the web lifeline around a substrate and securing to lifeline, except as allowed for tie-back models.
- To any object which is shaped or sized in a way that the snap hook or carabiner will not close and lock, or that roll-out could occur.
- In a manner that does not allow the connector to align properly while under load.

FIGURE 3: INAPPROPRIATE CONNECTIONS

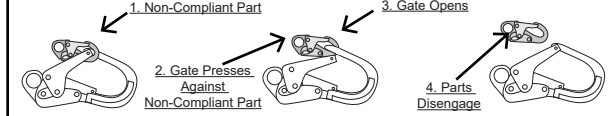


Large throat snap hooks must not be connected to standard size D-rings or similar objects which will result in a load on the gate if the hook or D-ring twists or rotates, unless the snap hook is equipped with a 3,600 lb. (16 kN) gate.

COMPATIBILITY OF COMPONENTS/CONNECTORS

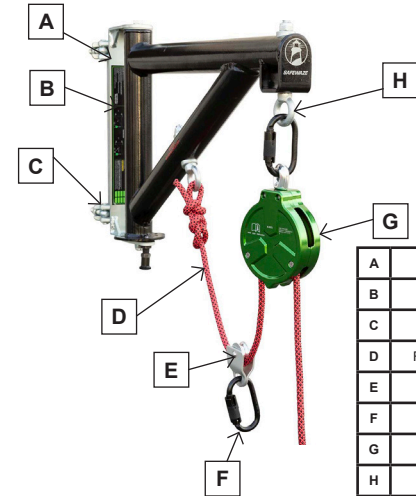
- Safewaze equipment is designed for, and tested with, associated Safewaze components or systems. If substitutions or replacements are made, ensure all components meet the applicable requirements. Read and follow manufacturer's instructions for all components and subsystems. Not following this guidance may jeopardize compatibility of equipment and possibly affect the safety and reliability of the system.
- Connectors are compatible with connecting elements when they have been designed to work together in such a way that their sizes and shapes do not cause their gate mechanisms to inadvertently open regardless of how they become oriented.
- Connectors (hooks, carabiners, and D-rings) must be capable of supporting intended loads.
- Connectors must be compatible with the system or other system components.
- Do not use equipment that is not compatible. Non-compatible connectors may unintentionally disengage (Figure 4).
- Connectors must be compatible in size, shape, and strength.
- Self-locking snap hooks and carabiners are required.
- Some specialty connectors have additional requirements. Contact Safewaze if you have any questions about compatibility.

FIGURE 4: UNINTENTIONAL DISENGAGEMENT



Using a connector that is oversized or irregular in shape (1) to connect a snap hook or carabiner could allow the connector to force open the gate of the snap hook or carabiner. When force is applied, the gate of the hook or carabiner presses against the non-compliant part (2) and forces open the gate (3). This allows the snap hook or carabiner to disengage (4) from the connection point.

MOUNTED MATERIAL LIFT COMPONENTS



A	Anchor Base
B	Label
C	Clamps
D	Rope (Sold Separately)
E	Pulley
F	Carabiner (2)
G	Rope Lock
H	Captive Eye (2)

INSTALLATION LOCATION REQUIREMENTS

Prior to installing a Safewaze Mounted Material Lift, select a suitable location that will provide proper strength for installation of the system.

For Installation Location:

-The vertical, supported scaffolding must have a diameter range of 1.6-2" (40.6 to 50.8 mm) and extend at least 6" (152.4 mm) past each scaffold clamp.

-The scaffolding must have adjacent horizontal or diagonal bracing supports and comply with OSHA regulations.

INSTALLATION STEPS

Installation Steps:

1. Open one of the Scaffold Clamps by loosening its Clamp Nut and swiveling the Threaded Rod outwards. Repeat with the second Scaffold Clamp.
2. Place the Scaffold Clamps onto compatible scaffolding. Close the Scaffold Clamps around the scaffold tubing.
3. Retighten the Clamp Nuts by alternating between the Clamp Nuts until both have been torqued to 60 ft.-lbs.
4. Set Mounted Material Lift to desired angle and ensure Locking Pin is secured.

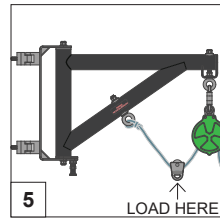
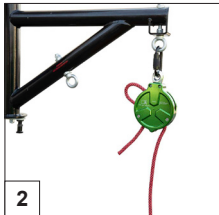
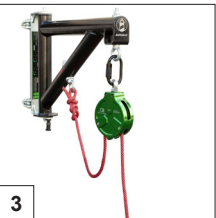
***Note:** Do not release the Locking Pin when using the swivel feature until it is fully secure.



***Note:** The Mounted Material Lift can be removed and reused unless the system is damaged.

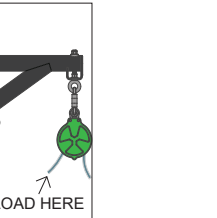
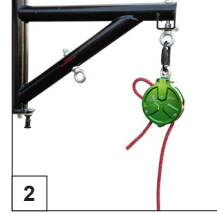
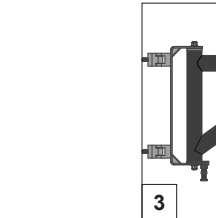
2:1 Haul Ratio Steps:

1. Feed rope through Rope Lock.
2. Using the Carabiner, install the Rope Lock to the outermost Captive Eye with the termination of the rope facing the anchor.
3. Secure the Rope termination with an approved knot (e.g., a bowline) to the Captive Eye located in the middle of the Mounted Material Lift.
4. Install the Pulley by securing it to the rope with a provided Carabiner.
5. Hang the load on the Pulley between the Rope Lock and the Rope termination.



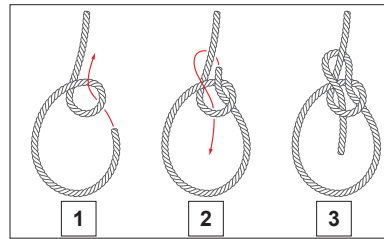
1:1 Haul Ratio Steps:

1. Feed rope through Rope Lock.
2. Using the Carabiner, hang the Rope Lock to the outermost Captive Eye with the termination of the rope facing the anchor.
3. Feed the Rope termination through the intended load and secure using an approved knot (e.g., a bowline).



Bowline Knot Steps:

1. Form a small loop in the rope and leave a long tail.
2. Pass the tail of the rope through the small loop.
3. Wrap the tail around the standing end and pass the tail back through the small loop.



IN USE EXAMPLE:



INSPECTION/MAINTENANCE

- Safewaze equipment shall be inspected prior to each use by the user and at least annually by a Competent Person other than the user. Competent Person inspections must be recorded in the Inspection Log included in this manual and on the inspection grid label on the anchor. Severity of conditions during use of the system may necessitate increased frequency of documented inspections.
- Prior to each use, inspect the system for deficiencies or damage including, but not limited to, sharp edges, rough edges, deformations, corrosion, pits, burrs, chemical exposure, extreme heat exposure, and damaged, missing, or illegible labels. If any deficiencies or defects are found, the system must IMMEDIATELY be removed from service.
- The system can be cleaned with water and mild soap if necessary. The user should remove all dirt, possible corrosives, and contaminants from the system prior to, and after, each use. Never use any type of corrosive substance to clean the system. Excess water should be blown out with compressed air. Hardware can be wiped off with a clean, dry cloth. Do not store system if wet or damp. Allow system to fully dry before being stored.
- Prior to installation, store the system in a cool, dry area where it will not be exposed to extreme light, extreme heat, excessive moisture, or possibly corrosive chemicals or materials.

WARNINGS

- A preplanned rescue procedure in the event of an emergency fall is required. The rescue plan must be specific to the project.
- A Competent Person must conduct an analysis of the workplace and anticipate where workers will be conducting their duties, the route they will take to reach their work, and the existing and potential fall hazards they may be exposed to.

LABEL



Inspection Date:	Inspector:	Pass/Fail:	Comments/ Corrective Action:
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If you have any questions regarding the information in this manual, please contact Customer Service at (800) 230-0319.