Genie
A TEREX BRAND

Operator's Manual

Serial Number Range

Genie Lift™

from GLP-103003

with
Maintenance
Information

Original Instructions
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(valid until 19th January 2027)

Machinery Regulation 2023/1230/EC
(valid from 20th January 2027)

Introduction

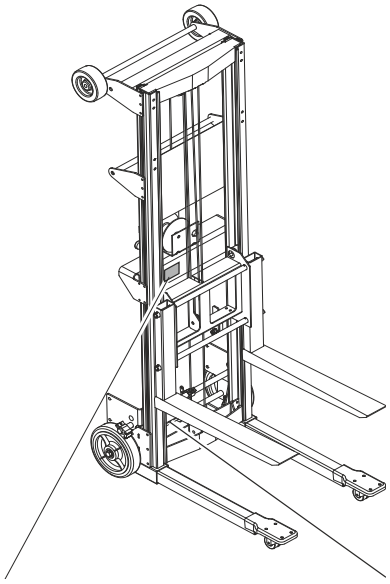
About this manual

Genie appreciates your choice of our machine for your application. Our number one priority is user safety, which is best achieved by our joint efforts. This book is an operation and daily maintenance manual for the user or operator of a Genie machine.

This manual should be considered a permanent part of your machine and should remain with the machine at all times. If you have any questions, contact Genie.

Product Identification

The machine serial number is located on the serial label.



Serial label

Serial number stamped on chassis

Intended Use and Familiarization Guide

The intended use of this machine is to lift material. Before operating the machine, it's the operator's responsibility to read and understand this familiarization guide.

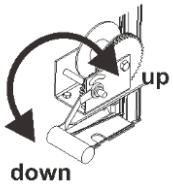
- ☑ Each person must be trained to operate a material lift.
- ☑ Familiarization with the material lift must be given to each person who is authorized, competent and trained.
- ☑ Only trained and authorized personnel should be permitted to operate the machine.
- ☑ The operator is responsible to read, understand, and obey the manufacturer's instructions and safety rules provided in the Operator's Manual.
- ☑ The Operator's Manual is located in the manual storage container, on the machine.
- ☑ For specific product applications, see **Contacting The Manufacturer**.

Introduction

Related machine movement:



Swivel caster lock



Raise and lowering carriage

Limitations of use:

- The intended use of this machine is to lift materials to an aerial work site.
- Do not raise the carriage unless the machine is on a firm level surface.

Stability enhancing means:

- Stabilizer (if equipped)
- Leg

Restricted operating envelope:

- Load handling attachments (See Load Capacity Charts section.)

Introduction

Bulletin Distribution and Compliance

Safety of product users is of paramount importance to Genie. Various bulletins are used by Genie to communicate important safety and product information to dealers and machine owners.

The information contained in the bulletins is tied to specific machines using the machine model and serial number.

Distribution of bulletins is based on the most current owner on record along with their associated dealer, so it is important to register your machine and keep your contact information up to date.

To ensure safety of personnel and the reliable continued operation of your machine, be sure to comply with the action indicated in a respective bulletin.

To view any open bulletins for your machine, visit us on the web at www.genielift.com.

Declaration of Conformity

A copy of the original Declaration of Conformity can be obtained by visiting us on the web at https://my.genielift.com.

Contacting the Manufacturer

At times it may be necessary to contact Genie. When you do, be ready to supply the model number and serial number of your machine, along with your name and contact information. At minimum, Genie should be contacted for:

Accident reporting

Questions regarding product applications and safety

Standards and regulatory compliance information

Current owner updates, such as changes in machine ownership or changes in your contact information. See Transfer of Ownership, below.

Transfer of Machine Ownership

Taking a few minutes to update owner information will ensure that you receive important safety, maintenance and operating information that applies to your machine.

Please register your machine by visiting us on the web at www.genielift.com or by calling us toll free at 1-800-536-1800.

Introduction



Danger

Failure to obey the instructions and safety rules in this manual will result in death or serious injury.

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

Know and understand the safety rules before going on to the next section.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

☑ You read, understand and obey the manufacturer's instructions and safety rules—safety and operator's manuals and machine decals.

☑ You read, understand and obey employer's safety rules and worksite regulations.

☑ You read, understand and obey all applicable governmental regulations.

☑ You are properly trained to safely operate the machine.

Safety Sign Maintenance

Replace any missing or damaged safety signs. Keep operator safety in mind at all times. Use mild soap and water to clean safety signs. Do not use solvent-based cleaners because they may damage the safety sign material.

Decal Legend

Genie product decals use symbols, color coding and signal words to identify the following:



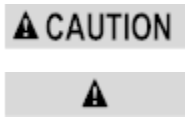
Safety alert symbol—used to alert personnel to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



Red—used to indicate the presence of an imminently hazardous situation which, if not avoided, will result in death or serious injury.



Orange—used to indicate the presence of a potentially hazardous situation which, if not avoided, could result in death or serious injury



Yellow with safety alert symbol—used to indicate the presence of a potentially hazardous situation which, if not avoided, may cause minor or moderate injury.

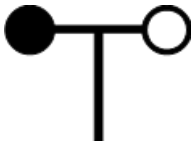


Yellow without safety alert symbol—used to indicate the presence of a potentially hazardous situation which, if not avoided, may result in property damage.

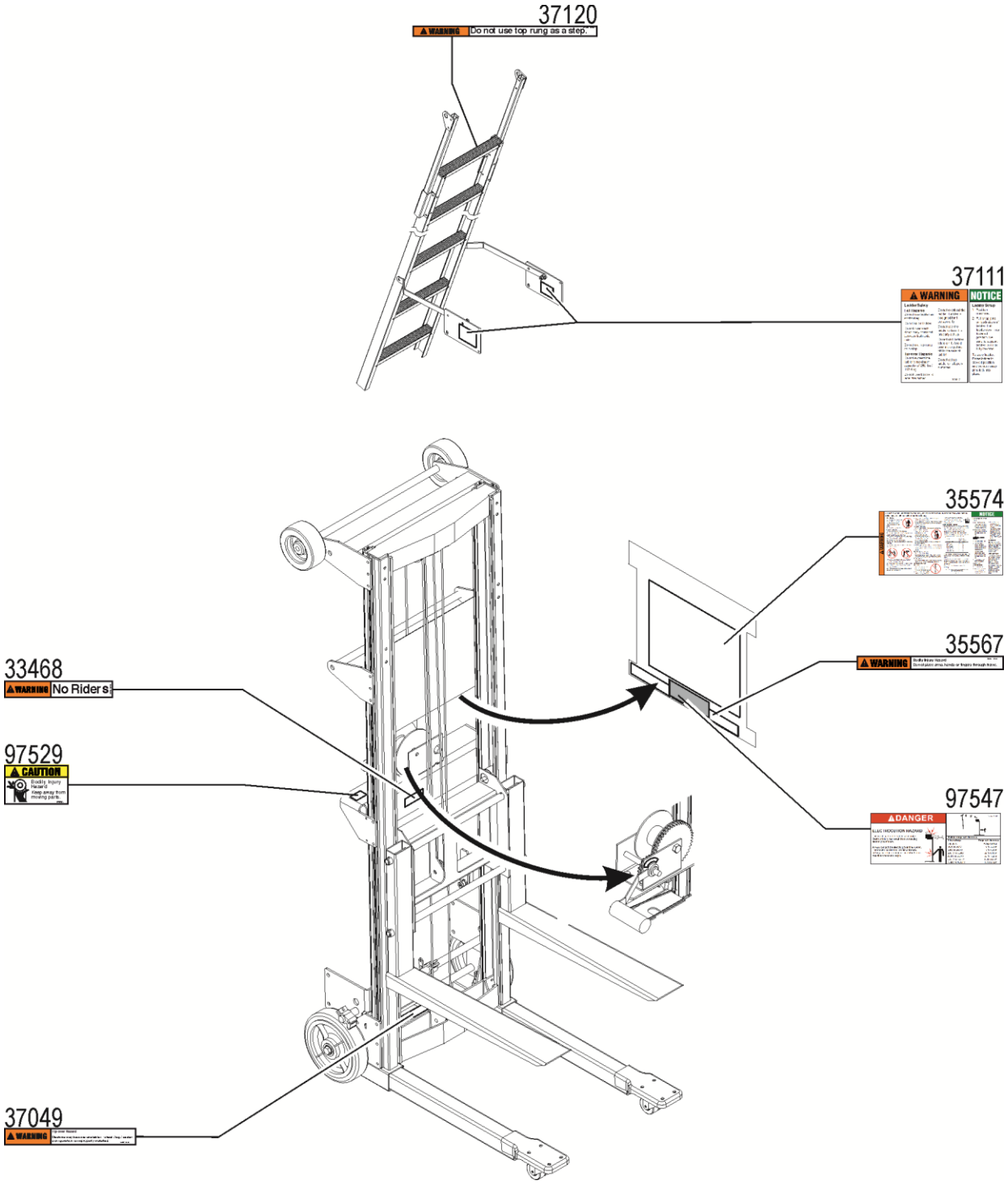


Green—used to indicate operation or maintenance information.

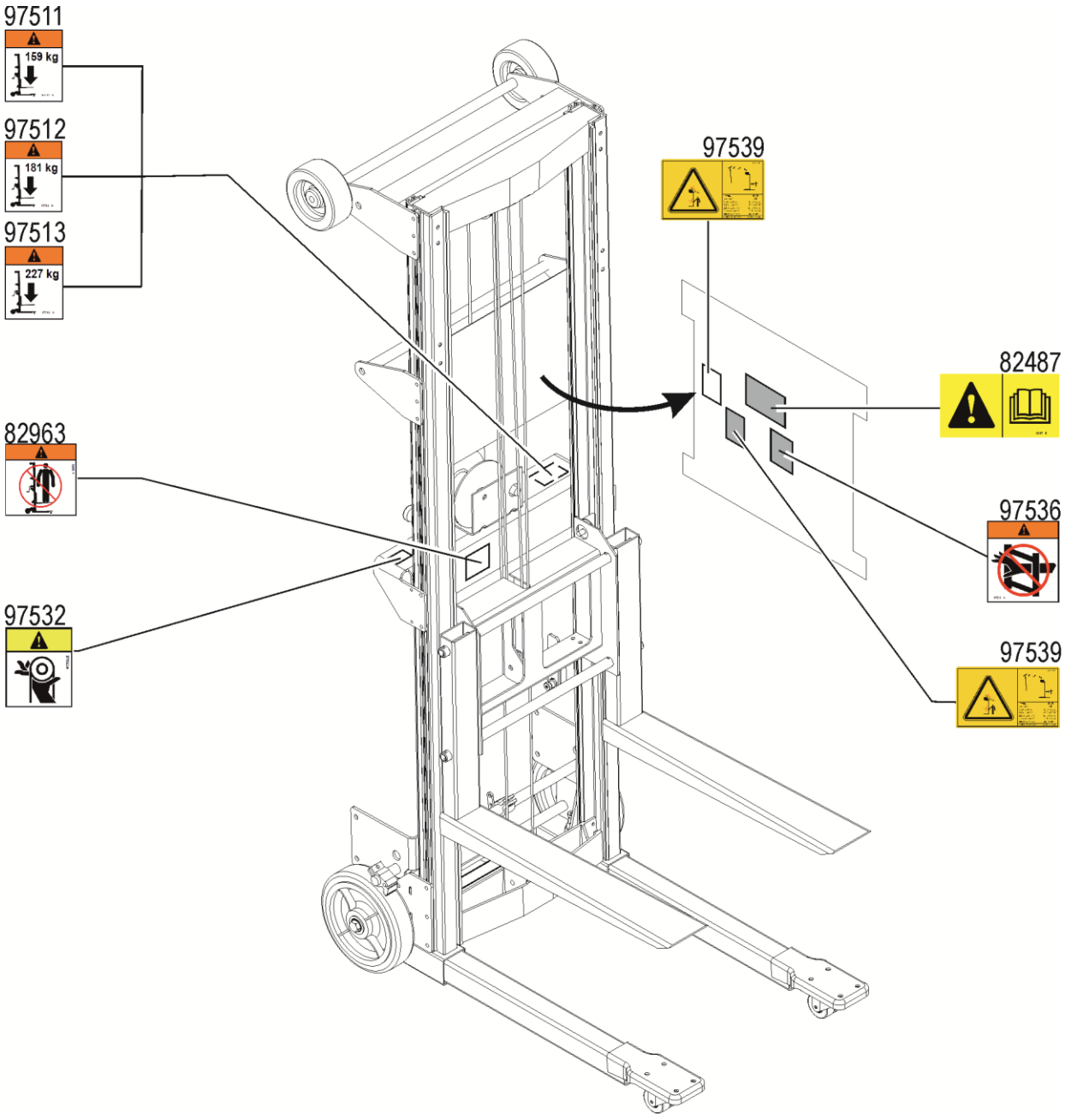
Symbol and Hazard Pictorials Definitions

 Read the operator's manual	 Read the service manual	 Crush hazard	 No smoking	 Collision hazard
 Fall hazard	 Tip-over hazard	 Tip-over hazard	 Electrocution hazard	 Damaged Machine Hazards
 Bodily injury hazard	 Side force	 Wind speed		

General Safety



General Safety



Work Area Safety

⚠ Electrocution Hazards

This machine is not electrically insulated and will not provide protection from contact with or proximity to electrical current.

Maintain safe distances from electrical power lines and apparatus in accordance with applicable governmental regulations and the following chart.

Voltage Phase to Phase	Minimum Safe Approach Distance	
0 to 300V	Avoid Contact	
300V to 50KV	10 ft	3.05 m
50KV to 200KV	15 ft	4.60 m
200KV to 350KV	20 ft	6.10 m
350KV to 500KV	25 ft	7.62 m
500KV to 750KV	35 ft	10.67 m
750KV to 1000KV	45 ft	13.72 m

Allow for platform movement, electrical line sway or sag, and beware of strong or gusty winds.

Keep away from the machine if it contacts energized power lines. Personnel must not touch or operate the machine until energized power lines are shut off.

Do not use the machine as a ground for welding.

⚠ Tip-over Hazards

Do not exceed the rated load capacity. See Load Capacity Charts section.

Do not raise the load unless the leg lock pins have been properly inserted into the legs.

Do not raise the load unless the correct length legs are properly installed.

Do not raise the load unless the machine is on a firm, level surface.



Do not move the machine with a raised load, except for minor positioning.



Do not tilt the machine back with a raised load.

Do not use blocks to level the machine.

Do not operate the machine in strong or gusty winds. Increasing the load surface area will decrease machine stability in windy conditions.

Do not place ladders or scaffolding against any part of the machine.

Work Area Safety

Do not operate the machine unless the wheel / leg / caster configuration is properly installed.

Prior to use, check the work area for drop-offs, holes, bumps, debris, unstable or slippery surfaces or other possible hazardous conditions.

Avoid debris and uneven surfaces while rolling a machine without the legs installed.

Do not replace machine parts critical to stability or structure with items of different weight or specification.

Do not cause a horizontal force or side load to machine by raising or lowering a fixed or overhanging load.

Do not use the machine on a moving or mobile surface or vehicle.

⚠ Fall Hazards

Do not use as a personnel lifting platform or step.

Do not stand or sit on the forks, load platform or boom.

Do not climb on the machine.



⚠ Collision Hazards

Do not raise if the load is not properly centered on the forks or load platform.

Check the work area for overhead obstructions or other possible hazards.

Do not stand under or allow personnel under the machine when the load is raised.



Do not lower the load unless the area below is clear of personnel and obstructions.

Use common sense and planning when transporting the machine on an incline, slope or stairs.

Maintain proper lubrication on the frame channels. See the Pre-operation Inspection section. Unlubricated frame channels can bind or stop moving, which could result in the load shifting or falling.

⚠ Bodily Injury Hazard

Do not grasp the cable.

Keep hands and fingers away from the pulleys, carriage and other potential pinch points.

Do not place arms, hands or fingers through the frame.

Work Area Safety

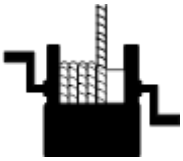
⚠ Damaged Machine Hazards



Do not use a damaged or malfunctioning machine.

Do not use a machine with a worn, frayed, kinked or damaged cable.

Do not use a machine with less than 4 wraps of cable on the winch drum when the carriage is fully lowered.



Conduct a thorough pre-operation inspection prior to each use.

Be sure all decals are in place and legible.

Maintain proper lubrication on the winch. See *Genie Lift Parts and Service Manual* for details.

Do not allow oil or grease on braking surfaces.

⚠ Crushing Hazard

Maintain a firm grasp on the winch handle until the brake is locked. The brake is locked when the load will not cause the winch handle to turn.

⚠ Lifting Hazards

Use proper lifting techniques to load or tip the machine, or move the machine on stairs.

Do not move the machine on stairs when the machine is equipped with the 4 point caster option.

⚠ Ladder Safety

Fall Hazards

Do not use the ladder as scaffolding.

Do not sit on the ladder.

Do not over reach. Keep your body centered between both side rails.

Do not use the top rung as a step.

Tip-over Hazards

Do not exceed the ladder's maximum capacity of 250 lbs / 113 kg.

Do not overload the ladder. Ladders are designed for 1 person only.

Do not use the ladder unless it is properly set up.

Do not shift the ladder while on it. Avoid pushing or pulling off to the side of the ladder.

Do not set up the ladder on slippery surfaces.

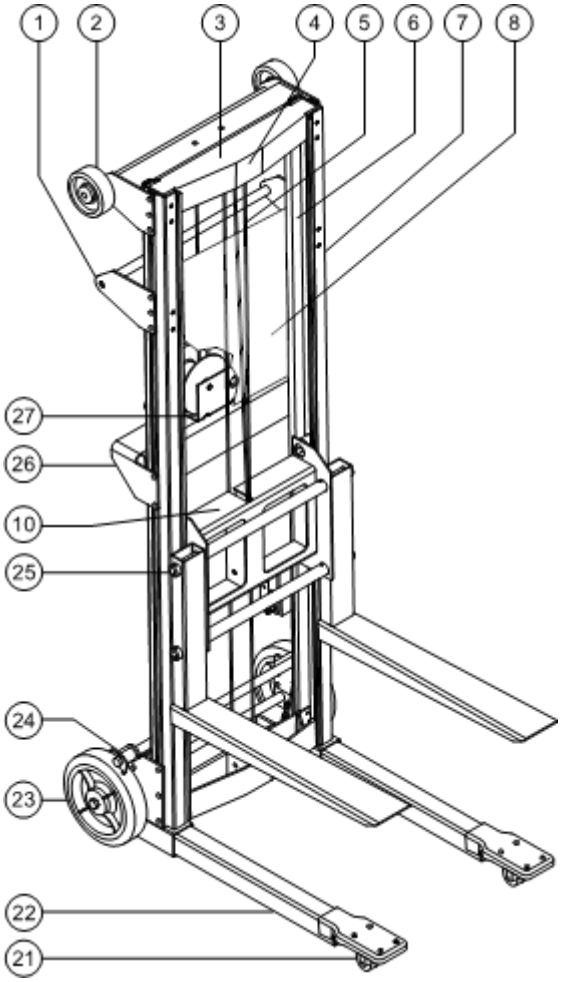
Do not use blocks to level the ladder.

⚠ Improper Use Hazard

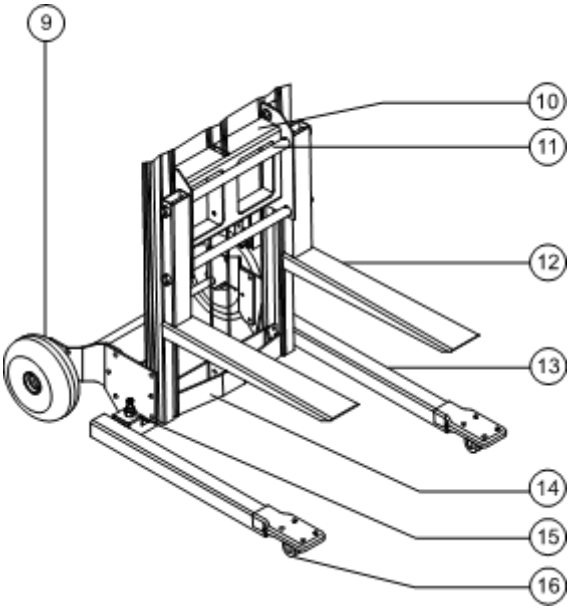
Never leave a machine unattended with a load. Unauthorized personnel may attempt to operate the machine without proper instruction, creating an unsafe condition.

Legend

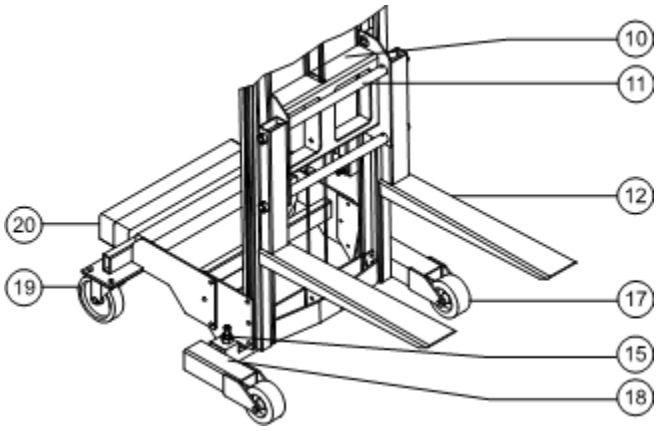
Standard Base with Standard Wheels



Straddle Base with Pneumatic Wheels

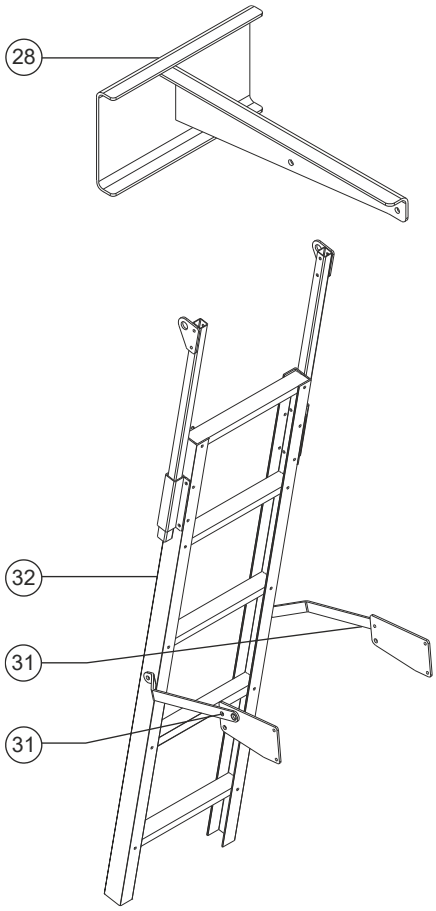


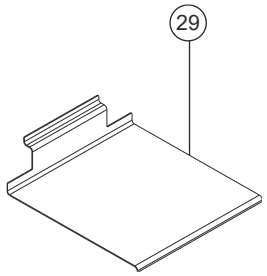
Counterweight Base



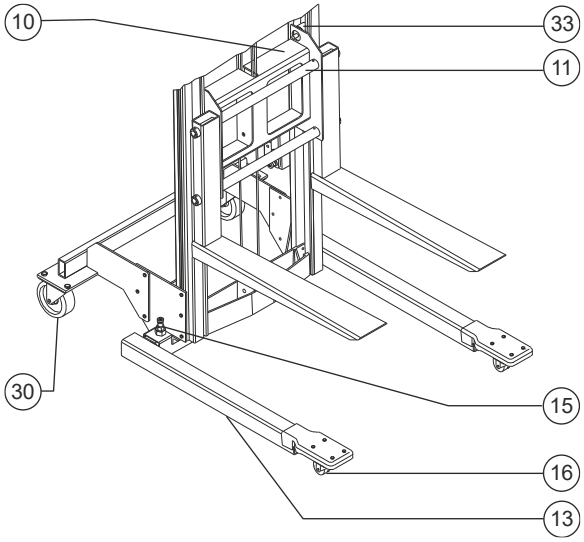
1 Handle
2 Loading wheels
3 Upper inner frame pulley
4 Cable anchor
5 Cable
6 Inner frame
7 Outer frame
8 Decal plate
9 Pneumatic wheel
10 Carriage
11 Fork mounting tube
12 Fork
13 Adjustable leg - straddle base
14 Lower inner frame pulley
15 Leg lock pin
16 Caster, 2 inch - option A
Caster, 2.50 inch - option B
17 Wheel - 4 inch fixed
18 Adjustable leg - counterweight base
19 Caster - 5 inch swivel
20 Counterweight Base
21 Caster - 2 inch dual wheel
22 Leg - standard base
23 Solid rubber wheel

Legend





Straddle Base with 4 Point Casters



24 Brake (option)
25 Fork lock pin
26 Winch mounting bracket
27 Winch
28 Boom (option)
29 Load platform (option)
30 Caster, 4 inch - option A
Caster, 5 inch - option B
31 Ladder snap pin
32 Ladder (option)
33 Hold-down bar

Inspections



Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

Know and understand the pre-operation inspection before going on to the next section.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Pre-operation Inspection Fundamentals

It is the responsibility of the operator to perform a pre-operation inspection and routine maintenance.

The pre-operation inspection is a visual inspection performed by the operator prior to each work shift or change of operator. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests.

The pre-operation inspection also serves to determine if routine maintenance procedures are required. Only routine maintenance items specified in this manual may be performed by the operator.

Refer to the list on the next page and check each of the items.

If damage or any unauthorized variation from factory delivered condition is discovered, the machine must be tagged and removed from service.

Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications. After repairs are completed, the operator must perform a pre-operation inspection again before going on to the function tests.

Scheduled maintenance inspections shall be performed by qualified service technicians, according to the manufacturer's specifications and the requirements listed in the responsibilities manual.

Obey all local and governmental regulations regarding examinations and tests.

Inspections

Pre-operation Inspection

- ❑ Be sure that the operator’s manual is complete, legible and available for reference.
- ❑ Be sure that all decals are legible and in place. See Decals section.

Check the following components or areas for damage, improperly installed, or missing parts and unauthorized modifications:

- ❑ Winch and related components
- ❑ Base components
- ❑ Legs
- ❑ Roller wheels
- ❑ Inner and outer frames
- ❑ Glide buttons
- ❑ Carriage hold-down assembly
- ❑ Cable anchor
- ❑ Cable and pulleys
- ❑ Wheels and casters
- ❑ Forks
- ❑ Load platform and boom (if equipped)
- ❑ Nuts, bolts and other fasteners
- ❑ Cable (kinks, frays and abrasions)
- ❑ Ladder (if equipped)
- ❑ Brake system (if equipped)

Check entire machine for:

- ❑ Cracks in welds or structural components
- ❑ Dents or damage to machine
- ❑ Excessive rust, corrosion or oxidation

- ❑ Verify that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened.
- ❑ Be sure there is a minimum of 4 wraps of cable around the winch drum when the carriage is fully lowered.
- ❑ Be sure the frame channels are properly lubricated and free of debris. Lubricate the channels with a dry silicone spray or silicone wax (Genie part number 90337).

Inspections



Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

Know and understand the function tests before going on to the next section.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Function Test Fundamentals

The function tests are designed to discover any malfunctions before the machine is put into service. The operator must follow the step-by-step instructions to test all machine functions.

A malfunctioning machine must never be used. If malfunctions are discovered, the machine must be tagged and removed from service. Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications.

After repairs are completed, the operator must perform a pre-operation inspection and function tests again before putting the machine into service.

Inspections

Function Tests

1 Select a test area that is firm, level and free of hazards.

Setup

1 Tilt the machine back.

2 Slide each fork onto the carriage and secure it with the fork lock pins.

3 Slide each leg into a base socket until the leg lock pin snaps into the leg.



4 Stand the machine up.

5 Remove the winch handle, reverse the handle and install it. The handle grip should face the operator.

6 Straddle base: Adjust to desired width. Be sure the leg lock pin snaps into the leg.

7 Rotate the hold-down bar off of the carriage.

Boom

1 Hold the boom in a vertical position.

2 Place the top of the boom plate under the upper fork mounting tube and lift up.

3 Rotate the boom down until it locks into place.

4 Attach the lifting shackle to the desired hole on the boom.

Load Platform

1 Lay the load platform onto the forks.

2 Lift the front of the load platform and push it toward the carriage until the back angle is under the lower fork mounting tube.

3 Rotate the load platform down until it locks into place over the forks.

Ladder Setup (if equipped)

1 Position the machine.

2 Pull the snap pins on both sides of the ladder.

3 Pull the ladder down into the lowered position. Be sure to support the ladder until it is fully lowered.

To store the ladder: Raise the ladder to the stowed position and be sure the snap pins lock into place.

Inspections

Test the Brake Operation (if equipped)

1 Press down on the foot pedal to lock the brake.

2 Push the machine.

⊙ Result: The wheels should not roll.

3 Pull up on the foot pedal to release the brake.

4 Push the machine.

⊙ Result: The machine should move.

Test the Winch Operation

Note: The Genie Lift 4 does not have an inner frame.

1 Rotate the winch handle clockwise to raise the carriage.

⊙ Result: The carriage should raise to the top of the inner frame and then the inner frame should raise. The carriage and inner frame should move smoothly, free of hesitation and binding.

2 Rotate the winch handle counterclockwise to lower the carriage.

⊙ Result: The inner frame should lower into the outer frame, and then the carriage should lower into the inner frame. The carriage and inner frame should move smoothly, free of hesitation and binding.

Note: If the carriage and inner frame do not move freely, the channels may need to be lubricated with a dry silicone spray or silicone wax.

Inspections



Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

Know and understand the workplace inspection before going on to the next section.

5 Only use the machine as it was intended.

Workplace Inspection Fundamentals

The workplace inspection helps the operator determine if the workplace is suitable for safe machine operation. It should be performed by the operator prior to moving the machine to the workplace.

It is the operator's responsibility to read and remember the workplace hazards, then watch for and avoid them while moving, setting up, and operating the machine.

Workplace Inspection Checklist

Be aware of and avoid the following hazardous situations:

- ❑ drop-offs or holes
- ❑ bumps, floor obstructions, or debris
- ❑ sloped surfaces
- ❑ unstable or slippery surfaces
- ❑ overhead obstructions and high voltage conductors
- ❑ hazardous locations
- ❑ inadequate surface support to withstand all load forces imposed by the machine
- ❑ wind and weather conditions
- ❑ the presence of unauthorized personnel
- ❑ other possible unsafe conditions

Inspections

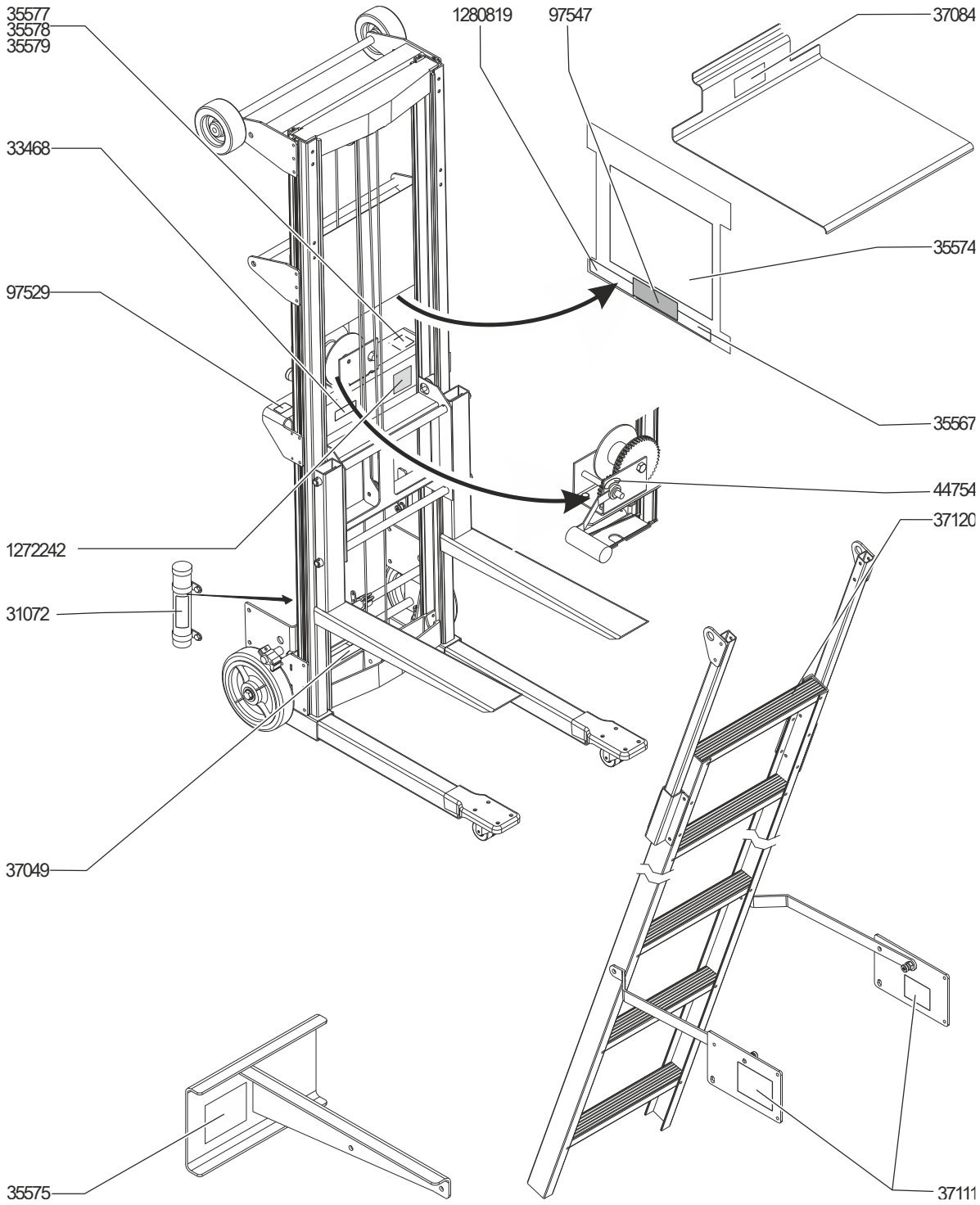
Inspection for Decals with Words

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

Part No.	Decal Description	Qty
31072	Label - Operator's Manual Container	1
33468	Warning - No Riders	1
35567	Warning - Bodily Injury Hazard	1
35574	Warning - Machine Safety and Setup	1
35575	Notice - Boom Setup	1
35577	Notice - Max Capacity 350 lbs / 159 kg, GL-10, GL-12	1
35578	Notice - Max Capacity 400 lbs / 181 kg, GL-8	1
35579	Notice - Max Capacity 500 lbs / 227 kg, GL-4	1
37049	Warning - Tip-over Hazard	1
37084	Notice - Load Platform Setup	1
37111	Warning - Ladder Safety and Setup	2
37120	Warning - No Step	1
44754	Label - Raise / Lower	1
97529	Caution - Bodily Injury Hazard	1
97547	Danger - Electrocution Hazard	1
1272242	Label – Machine Registration	1
1280819	Label – Warning, Prop 65	1

Shading indicates decal is hidden from view, i.e. under covers

Inspections



Inspections

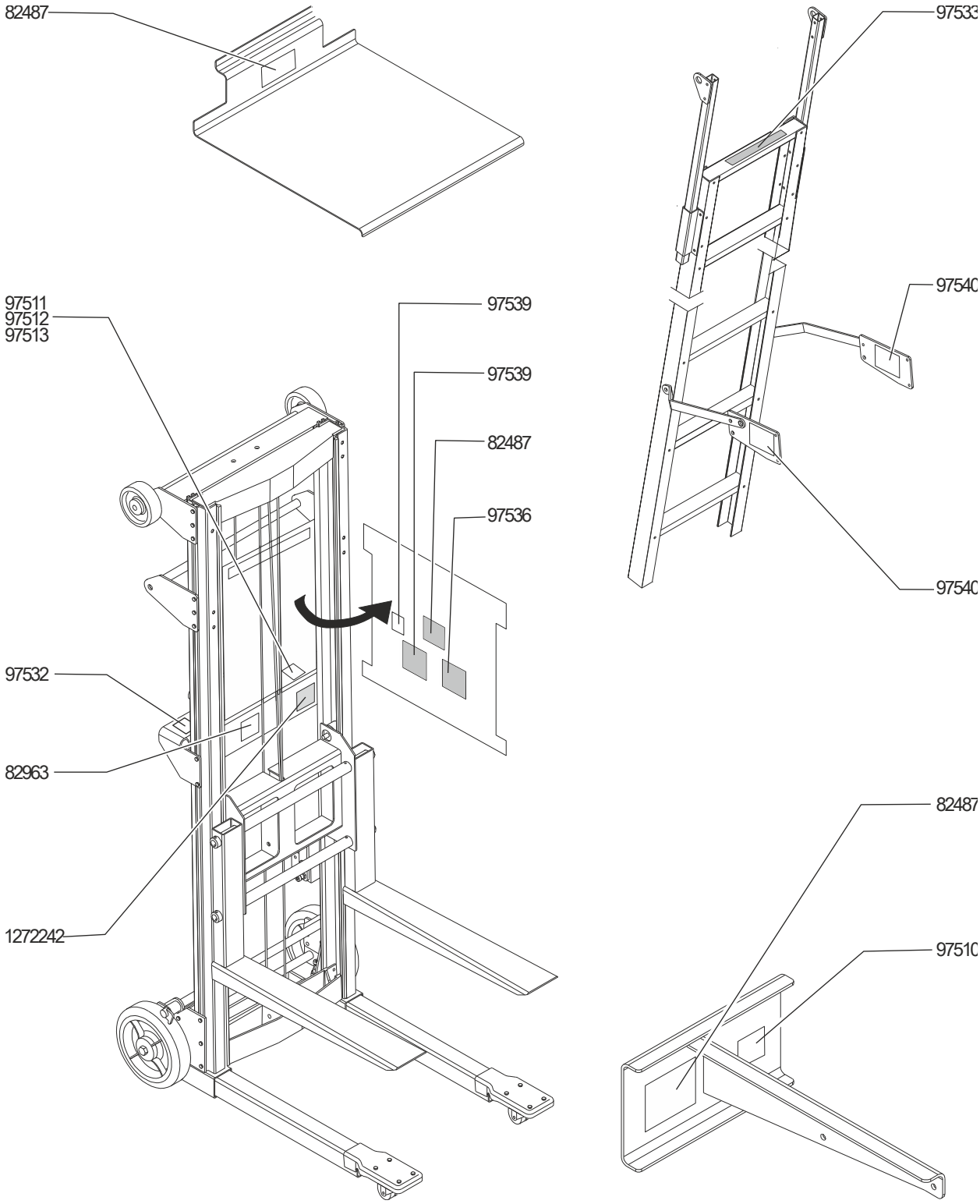
Inspection for Decals with Symbols

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

Part No.	Decal Description	Qty
82487	Label – Read the Manual	2
82962	Warning - No Riders	1
97510	Warning - Boom Setup	1
97511	Warning - Max Capacity 159 kg, GL-10, GL-12	1
97512	Warning - Max Capacity 181 kg, GL-8	1
97513	Warning - Max Capacity 227 kg, GL-4	1
97532	Caution - Bodily Injury Hazard	1
97533	Warning - No Step	1
97536	Warning - Do Not Reach	1
97539	Danger - Electrocution Hazard	2
97540	Warning - Ladder Capacity, 113 kg	2
1272242	Label – Machine Registration	1

Shading indicates decal is hidden from view, i.e. under covers

Inspections



Operating Instructions



Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Fundamentals

The Operating Instructions section provides instructions for each aspect of machine operation. It is the operator's responsibility to follow all the safety rules and instructions in the operator's, safety and responsibilities manuals.

Using the machine for any purpose other than lifting material is unsafe.

If more than one operator is expected to use a machine at different times in the same work shift, each operator is expected to follow all safety rules and instructions in the operator's manual. That means every new operator should perform a preoperation inspection, function tests and a work place inspection before using the machine.

Operating Instructions

Setup

Select an area that is firm, level and free of obstructions.

Follow the Setup procedures in the Function Tests section.

Raising and Lowering Load - Manual Winch

1 Center the load on the forks or load platform.

2 Raise the load by firmly grasping the winch handle and rotating it clockwise. Do not allow the cable to wind unevenly onto the winch drum.

3 Lower the load by firmly grasping the winch handle and rotating it counterclockwise. After lowering to the desired position, turn the winch handle clockwise (raise the load) 1/4 turn to set the brake.

Moving Machine with a Load

It is best to move the machine on the work site with no load. Moving a raised load should be restricted to positioning for loading and unloading. If it is necessary to move the machine with a raised load, understand and obey the following safety rules:

- Make sure the area is level and clear of obstructions.
- Make sure the load is centered on the forks or load platform.
- Avoid sudden starts and stops.
- Travel with the load in the lowest possible position.
- Keep personnel away from the machine and load.
- Do not tilt the machine back with a raised load.

Operating Instructions

Moving Machine on Stairs

It is best to move the machine on stairs using the optional stair glides. Moving the machine on stairs without the use of stair glides is not recommended. If it is necessary to move the machine on stairs, understand and obey the following safety rules:

- Do not move the machine on stairs when the machine is equipped with the 4 point caster option.
- Fully lower the load.
- Ease the machine over each stair. Maintain a firm grasp on the handle.
- Do not allow the machine to become unbalanced.
- Continue carefully up or down the stairs.
- Use the appropriate number of people and proper lifting techniques with heavy loads.

After Each Use

To prepare the machine for storage, remove the forks and legs and reverse the winch handle. Refer to the Setup procedure.

Select a safe storage location—firm, level surface, weather protected, clear of obstruction and traffic.

Transport and Lifting Instructions



Transport Instructions

Observe and Obey:

- ☑ Be sure the vehicle capacity and loading surfaces are sufficient to support the machine weight. See the serial plate for the machine weight.
- ☑ The transport vehicle must be parked on a level surface.
- ☑ Remove the load from the forks, boom or load platform before loading for transport.
- ☑ The transport vehicle must be secured to prevent rolling while the machine is being loaded.
- ☑ The machine must be securely fastened to the transport vehicle.

Lifting Instructions

The number of people required to load and unload a machine is dependent on a number of factors, including but not limited to:

- the physical condition, strength and disabilities or prior injuries of the people involved
- the vertical and horizontal distances the machine has to be moved
- the number of times the machine will be loaded or unloaded
- the stance, posture and grip used by the people involved
- the lifting techniques used
- the site conditions and weather in which the activity is being performed (i.e., slippery, icy, raining)

The appropriate number of people and proper lifting techniques must be used to prevent physical injury.

Loading for Transport

1 Fully lower the carriage.

2 Rotate the carriage hold-down bar over the carriage. Be sure the lock pin snaps into place.

3 Remove the winch handle, reverse the handle and install it. The handle grip should face the carriage.

Maintenance

Scheduled Maintenance

Maintenance performed commissioning, quarterly, annually and every two years must be completed by a person trained and qualified to perform maintenance on this machine according to the procedures found in the service and maintenance manuals for this machine.

Machines that have been out of service for more than three months must receive the quarterly inspection before they are put back into service.

Obey all local and governmental regulations regarding the disposal and decommissioning of the machine at the end of its lifetime. Refer to the appropriate Genie service manual for additional information.

Load Capacity Charts

Observe and Obey:

☑ Failure to properly position the load may result in death or serious injury.

☑ Verify that the load you wish to raise does not exceed the maximum load for your load center. See the load capacity charts on the next page.

⚠WARNING Tip-over hazard. Raising a load that exceeds the machine capacity may result in death or serious injury.

☑ A load center is defined as the balancing point (center of gravity) of a load and must be positioned within the load center zone.

⚠WARNING Tip-over hazard. Failure to position the load center within the load center zone may result in death or serious injury.

Forks

Load Positioning Instructions

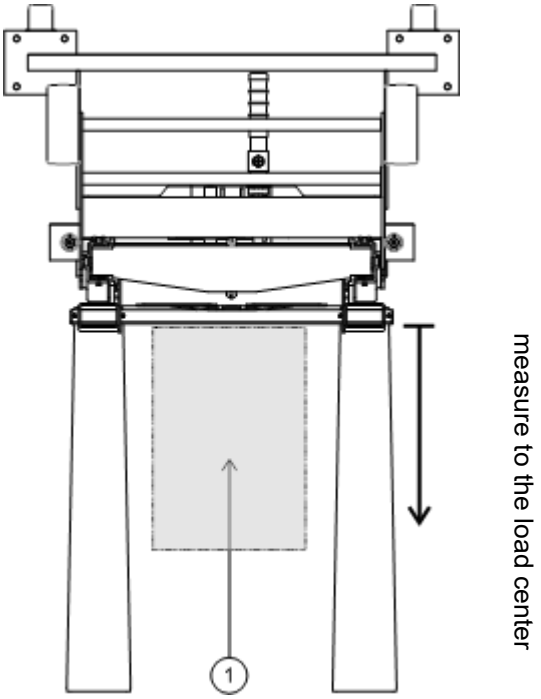
1 Determine the weight of the load and the location of its load center.

2 Measure to the load center from the side of the load that will be closest to the carriage.

3 Refer to the chart on the next page to determine if the machine is capable of lifting the weight at the location on the forks.

4 Place the load so that it rests on the forks, as close to the carriage as possible.

5 Position the load so that the load center is within the load center zone.



1. Load Center Zone

Load Capacity Charts

Forks Load Capacity Chart		
	12 in 30 cm	**14 in 35 cm**
GL-4	**500 lbs 227 kg**	**500 lbs 227 kg**
GL-8	**400 lbs 181 kg**	**400 lbs 181 kg**
GL-10	**350 lbs 159 kg**	**350 lbs 159 kg**
GL-12	**350 lbs 159 kg**	**350 lbs 159 kg**

Boom

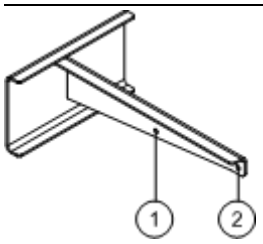
Load Positioning Instructions

1 Determine the weight of the load and the location of its load center.

2 Refer to the chart below to determine if the machine is capable of lifting the weight at the location on the boom.

3 Attach the lifting shackle to the desired hole on the boom.

Boom Load Capacity Chart



1 Rear Hole

2 Front Hole

Model	Front Hole	Rear Hole
GL-4	300 lbs 136 kg	500 lbs 227 kg
GL-8	240 lbs 109 kg	400 lbs 181 kg
GL-10	210 lbs 95 kg	350 lbs 159 kg
GL-12	210 lbs 95 kg	350 lbs 159 kg

Maximum Load Centers

(measure from front of carriage)

Forks:	14 in	35 cm
Load Platform:	14 in	35 cm
Boom:	20 in	51 cm

Specifications

Model	GL-4	GL-8	GL-10	GL-12
Height, maximum lift, Forks up	5 ft 11 in / 1.8 m	10 ft 0.50 in / 3.06 m	11 ft 8 in / 3.6 m	13 ft 9.50 in / 4.2 m
Height, maximum lift, Forks down	4 ft 1.50 in / 1.2 m	8 ft 3 in / 2.5 m	9 ft 10.50 in / 3 m	12 ft / 3.7 m
Height, minimum lift, Forks down	3.50 in / 8.9 cm	3.50 in / 8.9 cm	2 in / 5.1 cm	2 in / 5.1 cm
Lift capacity at 12 in / 30.5 cm load center	500 lbs / 227 kg	400 lbs / 181 kg	350 lbs / 159 kg	350 lbs / 159 kg
Machine weight	**See specification chart on next page.**			
Height, stowed*	5 ft 7.50 in / 1.7 m	5 ft 7.50 in / 1.7 m	6 ft 5.50 in / 2 m	7 ft 6.75 in / 2.3 m
Ground clearance*	0.75 in / 1.9 cm	0.75 in / 1.9 cm	0.75 in / 1.9 cm	0.75 in / 1.9 cm
Standard base, Width	24.75 in / 62.9 cm	24.75 in / 62.9 cm	NA	NA
Length, stowed	12 in / 30.5 cm	12 in / 30.5 cm	NA	NA
Length, operating	34.75 in / 88.3 cm	34.75 in / 88.3 cm	NA	NA
Straddle base, Width - stowed	28.75 in / 73 cm	28.75 in / 73 cm	28.75 in / 73 cm	28.75 in / 73 cm
Width, extended	43.50 in / 1.1 m	43.50 in / 1.1 m	43.50 in / 1.1 m	43.50 in / 1.1 m
Length, stowed	19.25 in / 48.9 cm	19.25 in / 48.9 cm	19.25 in / 48.9 cm	19.25 in / 48.9 cm
Length, operating	43 in / 1 m	43 in / 1 m	43 in / 1 m	43 in / 1 m
Counterweighted base, Width - stowed	28.75 in / 73 cm	28.75 in / 73 cm	28.75 in / 73 cm	NA
Width, extended	43.50 in / 1.1 m	43.50 in / 1.1 m	43.50 in / 1.1 m	NA
Length, operating	28.50 in / 72.4 cm	28.50 in / 72.4 cm	28.50 in / 72.4 cm	NA
Forks				
Length	22.50 in / 57.2 cm	22.50 in / 57.2 cm	22.50 in / 57.2 cm	22.50 in / 57.2 cm
Width	20.50 in / 52.1 cm	20.50 in / 52.1 cm	20.50 in / 52.1 cm	20.50 in / 52.1 cm
Load Platform				
Length	23 in / 58.4 cm	23 in / 58.4 cm	23 in / 58.4 cm	23 in / 58.4 cm
Width	22 in / 55.9 cm	22 in / 55.9 cm	22 in / 55.9 cm	22 in / 55.9 cm
Sound pressure level				
Manual Winch	<70 dBA	<70 dBA	<70 dBA	<70 dBA
Ambient operating temperature	-20 F to 120 F -29 C to 49 C	-20 F to 120 F -29 C to 49 C	-20 F to 120 F -29 C to 49 C	-20 F to 120 F -29 C to 49 C

* The 10 inch pneumatic rear wheel option will add 1 inch / 2.5 cm to these specifications.

* The 4 point caster option B will add 1 inch / 2.5 cm to these specifications.

* The counterweight base will add 1 inch / 2.5 cm to these specifications.

Specifications

Machine Configurations

Base: Standard Base, GL-4 and GL-8	
***Wheel and Casters:**	
Pneumatic option	
Front	2.50 inch swivel casters
Rear	10 inch pneumatic wheels
Base: Straddle Base, GL-4, GL-8, GL-10 and GL-12	
***Wheel and Casters:**	
Pneumatic option	
Front	2.50 inch swivel casters
Rear	10 inch pneumatic wheels
4 point caster option A	
Front	2 inch dual wheel swivel casters
Rear	4 inch swivel casters
4 point caster option B	
Front	2.50 inch swivel casters
Rear	5 inch swivel casters with side brakes and 4 point rotational locks
Base: Counterweight, GL-4, GL-8, GL-10	
****Wheel and Casters:**	
Front	4 inch swivel casters
Rear	5 inch swivel casters with side brakes

*Machines with standard or straddle base ship standard with 8 inch rear wheels and 2 inch dual wheel front swivel casters.

**Machines with counterweight base ship standard with 5 inch rear swivel casters with side brakes and 4 inch front fixed wheels.

Specifications

Machine Weights

Genie Lift 4

Base	Caster Option	Weight
Standard	Standard	113 lbs / 51 kg
Standard	Pneumatic	117 lbs / 53 kg
Straddle	Standard	126 lbs / 57 kg
Straddle	Pneumatic	130 lbs / 59 kg
Straddle	4 point caster A	137 lbs / 62 kg
Straddle	4 point caster B	139 lbs / 63 kg
Counterweight	Standard	392 lbs / 178 kg

Genie Lift 8

Base	Caster Option	Weight
Standard	Standard	132 lbs / 60 kg
Standard	Pneumatic	136 lbs / 62 kg
Straddle	Standard	145 lbs / 66 kg
Straddle	Pneumatic	149 lbs / 68 kg
Straddle	4 point caster A	156 lbs / 71 kg
Straddle	4 point caster B	158 lbs / 72 kg
Counterweight	Standard	411 lbs / 186 kg

Genie Lift 10

Base	Caster Option	Weight
Straddle	Standard	149 lbs / 68 kg
Straddle	Pneumatic	153 lbs / 69 kg
Straddle	4 point caster A	160 lbs / 73 kg
Straddle	4 point caster B	162 lbs / 73 kg
Counterweight	Standard	415 lbs / 188 kg

Genie Lift 12

Base	Caster Option	Weight
Straddle	Standard	154 lbs / 70 kg
Straddle	Pneumatic	158 lbs / 72 kg
Straddle	4 point caster A	165 lbs / 75 kg
Straddle	4 point caster B	167 lbs / 76 kg

California Proposition 65

WARNING

Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

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