

Genie®

Operator's Manual

with Maintenance Information

Second Edition
Third Printing
Part No. 48646

CWP™ Super Series™

Important

Read, understand and obey these safety rules and operating instructions before operating this machine. Only trained and authorized personnel shall be permitted to operate this machine. This manual is considered a permanent part of your machine and should remain with the machine at all times. If you have any questions, call Genie Industries.

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This machine complies with ANSI/SIA A92.3-1990.

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Safety Rules



Danger

Failure to obey the instructions and safety rules in this manual will cause 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 the function tests prior to use.

4 Inspect the work place.

5 Only use the machine as it was intended.

☑ **You** read, understand and obey:

- manufacturer's instructions and safety rules—operator's manual and machine decals
- employer's safety rules and worksite regulations
- applicable governmental regulations

☑ The first time this machine is set up for use, a breather cap is installed. See Pre-Operation Inspection section for breather cap instructions.

SAFETY RULES

Tip-over Hazards

Do not operate the steer handle while the platform is occupied or raised.

Do not move the machine while the platform is raised.





Do not raise the platform unless the machine is on a firm, level surface. The machine is intended for use on level surfaces only.

Do not place or attach overhanging loads to any part of this machine.

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





Do not place ladders or scaffolds in the platform or against any part of this machine.

Do not use the machine to lift material or equipment unless equipped with a utility platform.

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

Do not operate the machine in strong or gusty winds. Do not increase the surface area of the platform or the load. Increasing the area exposed to the wind will decrease machine stability.





Do not exceed the rated platform capacity or the material storage compartment capacity.

Maximum capacity		
CWP-8	350 lbs	159 kg
CWP-12	350 lbs	159 kg
CWP-15	350 lbs	159 kg
Maximum capacity with outreach option		
CWP-8	300 lbs	136 kg
CWP-12	300 lbs	136 kg
CWP-15	300 lbs	136 kg
Maximum occupancy		1 person
Maximum capacity - Utility Platform option		
All models except CSA		
Machine lift capacity	500 lbs	227 kg
Platform capacity	400 lbs	181 kg
Material storage compartment capacity	150 lbs	68 kg
All CSA Models		
CWP-12S Machine lift capacity	350 lbs	159 kg
CWP-12S Platform capacity	250 lbs	113 kg
CWP-12S Material storage compartment capacity	100 lbs	45 kg
Maximum occupancy		1 person



Do not push off or pull toward any object outside the platform.

Maximum allowable manual force
45 lbs / 200 N

Do not operate the machine near drop-offs, holes, bumps, debris, unstable or slippery surfaces or other possible hazardous conditions.

Do not alter or disable machine components that in any way affect safety and stability.

Do not replace items critical to stability with items of different weight or specification. Use only Genie authorized replacement parts.

When moving the machine with a forklift or other transport vehicle, the platform should be fully lowered, the machine should be turned off and no personnel shall remain in the platform.

Fall Hazards



Do not sit, stand or climb on the platform guard rails. Maintain a firm footing on the platform floor at all times.

Do not sit, stand or climb in or on the material storage compartment.

Do not exit the platform while raised. If a power failure occurs, have ground personnel activate the manual lowering valve.

Keep the platform floor clear of debris.

Lower the platform entry mid-rail or gate before operating.

Electrocution Hazards

This machine, even with an optional fiberglass platform, is not electrically insulated and will not provide protection from contact with or proximity to electrical current.





Keep away from the machine if it contacts energized power lines or becomes electrically charged. Personnel on the ground or in the platform must not touch or operate the machine until energized power lines are shut off.

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

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

SAFETY RULES

Allow for platform movement, electrical line sway or sag and movement due to strong or gusty winds.

Do not use the machine as a ground for welding.

Do not operate an AC powered machine or DC battery charger unless using a 3-wire grounded extension cord connected to a grounded AC circuit. Do not alter or disable 3-wire grounded plugs.

Collision Hazards

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





Be aware of crushing hazard when grasping the platform guard rail.



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

Be careful when transporting on an incline.

Stay clear of descending platform.

Bodily Injury Hazard

When moving the machine on an incline, operate the machine from the uphill side.

Do not operate the machine with a hydraulic oil or air leak. An air leak or hydraulic leak can penetrate and/or burn skin.

Improper Use Hazard

Do not leave the machine unattended unless the key is removed to secure from unauthorized use.

Damaged Machine Hazards

Do not use a damaged or malfunctioning machine.

Be sure all maintenance has been performed as specified in this manual and the Genie CWP Service Manual.

Be sure all decals are in place and legible.

Be sure the operator's, safety and responsibilities manuals are complete, legible and in the storage container located on the platform.

Conduct a thorough pre-operation inspection of the machine and test all functions before each work shift. Immediately tag and remove from service a damaged or malfunctioning machine.

Battery and Charger Safety - DC Models

Burn Hazards

Batteries contain acid. Always wear protective clothing and eyewear when working with batteries.





Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.

Explosion Hazards

Batteries emit explosive gas. Keep sparks, flames and lighted tobacco away from batteries.



Charge the battery in a well-ventilated area.

Do not disconnect battery cables from the battery when the charger is on.

Electrocution Hazards



Connect the charger to a grounded AC circuit only.

Do not expose the battery or charger to water and/or rain.

Before each use, inspect for damage. Replace damaged components before operating.

Lifting Hazard

The battery weighs 50 lbs (23 kg). Use the proper lifting techniques when lifting the battery.

Outreach Option Safety

Bodily Injury Hazard

Keep hands and feet away from moving parts: mounting plate, locking bracket and extension arms.

Power Wheel Assist Option Safety

Collision Hazards

Limit travel speed according to the condition of the ground surface, congestion, slope, location of personnel and any other factors which may cause collision.

Be aware of limited sight distance when moving the machine.

Do not move the machine with the platform raised.

When moving the machine on an incline, operate from the uphill side of the machine.

Do not rely on the brake to hold the machine on an incline.

SAFETY RULES

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.

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

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

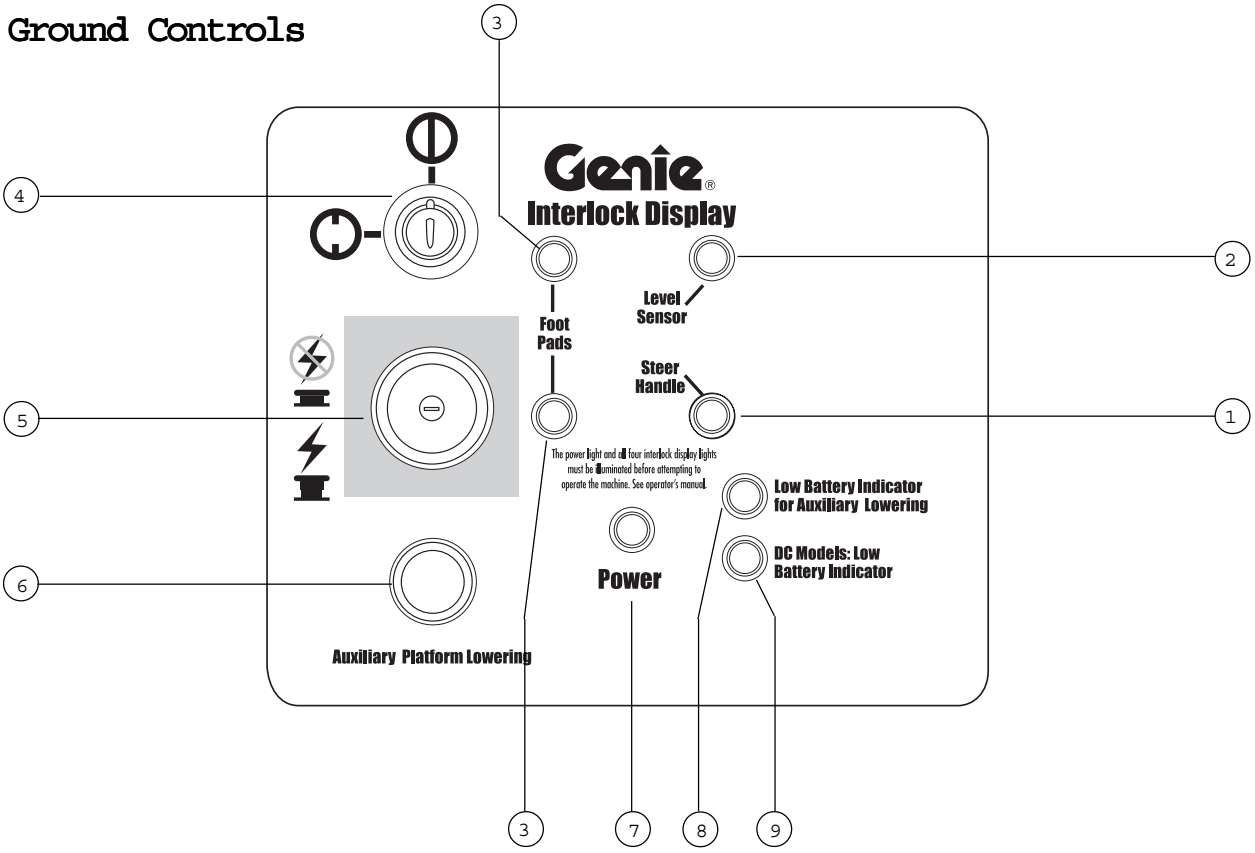
⚠CAUTION Yellow with safety alert symbol—used to indicate the presence of a potentially hazardous situation which, if not avoided, may cause minor or moderate injury.

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

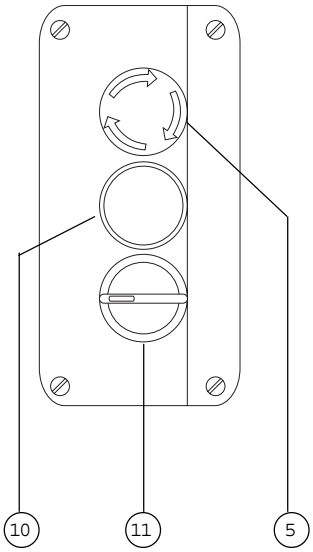
NOTICE Green—used to indicate operation or maintenance information.

Controls

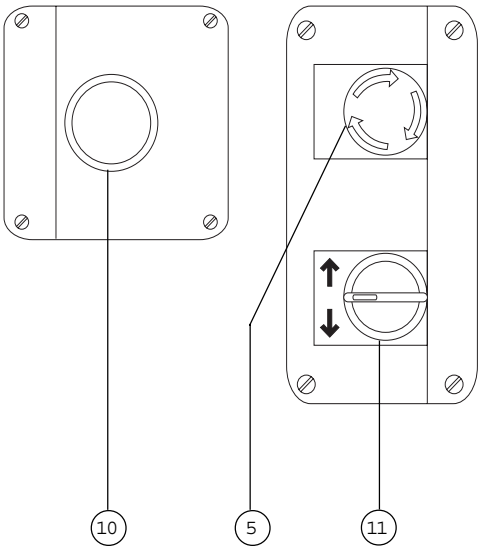
Ground Controls



Platform Controls - ANSI & CSA

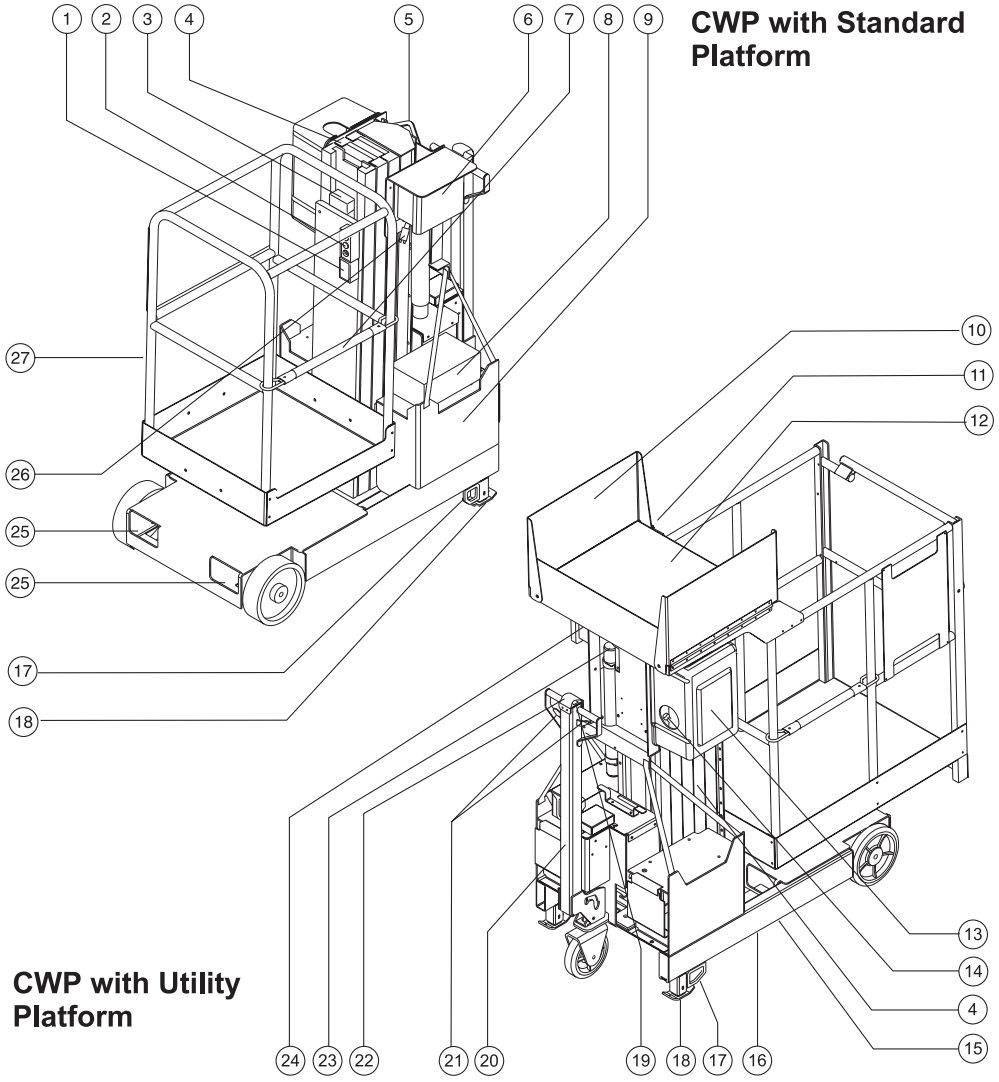


Platform Controls - CE



1 Steer handle locked in stowed position indicator light
2 Level sensor indicator light
3 Foot pad indicator lights
4 Key switch
5 Emergency stop button
6 Auxiliary platform lowering button
7 Power light
8 Low battery indicator light for auxiliary lowering
9 DC models: Low battery indicator light
10 Control activate button
11 Up/Down switch

Legend



1 AC outlet
2 Platform controls
3 Operator's manual storage container
4 Mast
5 Lifting eye
6 Ground controls/interlock display
7 Platform entry mid-rail/gate
8 DC models: Battery charger
9 DC models: Battery
10 Material storage compartment side panel
11 Side panel lock pin
12 Material storage compartment
13 Hydraulic power unit
14 Breather cap
15 Base
16 Manual lowering valve
17 Transport tie-down
18 Foot pad
19 Thumb rocker switch
20 Steer handle
21 Function enable lever
22 Direction-reversing safety switch
23 Level sensor
24 Circuit breaker
25 Forklift pocket
26 AC models: AC power supply line for machine
DC models: power to platform
27 Platform

Pre-operation Inspection

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 the function tests prior to use.

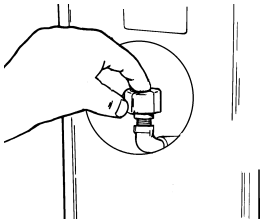
4 Inspect the work place.

5 Only use the machine as it was intended.

Breather Cap

Component damage will occur if the machine is operated without a breather cap.

The first time this machine is set up for use, the pipe plug in the hydraulic reservoir should be removed and permanently replaced with a breather cap.



A breather cap is supplied and can be found in an envelope taped to the mast near the platform controls.

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. 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 and locations for modifications, damage or loose or missing parts.

A damaged or modified machine must never be used. If damage or any 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.

PRE-OPERATION INSPECTION

Pre-operation Inspection

- ❑ Be sure that the operator's, safety and responsibilities manuals are complete, legible and in the storage container located on the platform.
- ❑ Be sure that all decals are legible and in place. See Decals section.
- ❑ Check for hydraulic oil leaks and proper oil level. Add oil if needed. See Maintenance section.
- ❑ DC models: Check for battery fluid leaks and proper fluid level. Add distilled water if needed. See Maintenance section.

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

- ❑ Electrical components, wiring and electrical cables
- ❑ Hydraulic power unit, hoses, fittings and cylinder
- ❑ Platform entry mid-rail or gate
- ❑ Sequencing cables and pulleys
- ❑ Lifting chains and idler wheels
- ❑ Nuts, bolts and other fasteners
- ❑ Weld or structural cracks
- ❑ Mast columns and counterweight
- ❑ Breather cap
- ❑ Contact point wear pads
- ❑ Steer handle
- ❑ Adjustable glide pads

If equipped: Power wheel assist option

- ❑ Steer handle
- ❑ Hydraulic motor and hoses

If equipped: Outreach option

- ❑ Locking bracket
- ❑ Handle and handle lock
- ❑ Extension arms

If equipped: Utility platform option

- ❑ Material storage compartment

Check entire machine for:

- ❑ Dents or damage
- ❑ Corrosion or oxidation
- ❑ Crack in welds or structural components

- ❑ Inspect and clean battery terminals and all battery cable connections.
- ❑ Be sure that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened.

Maintenance



Observe and Obey:

☑ Only routine maintenance items specified in this manual shall be performed by the operator.

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

Maintenance Symbols Legend

NOTICE The following symbols have been used in this manual to help communicate the intent of the instructions. When one or more of the symbols appear at the beginning of a maintenance procedure, it conveys the meaning below.



Indicates that tools will be required to perform this procedure.



Indicates that new parts will be required to perform this procedure.

Check the Hydraulic Oil Level



Maintaining the hydraulic oil at the proper level is essential to machine operation. Improper hydraulic oil levels can damage hydraulic components. Daily checks allow the inspector to identify changes in oil level that might indicate the presence of hydraulic system problems.

1 Be sure the platform is fully lowered.

2 Remove the fasteners from the hydraulic power unit cover.

3 Remove the cover.

4 Check the sight gauge on the side of the hydraulic reservoir.

⊙ Result: The hydraulic oil level should be visible in the middle of the sight gauge.

5 Add oil if needed. Do not overfill.

6 Replace the cover.

Hydraulic oil specifications		
Hydraulic oil type		Dexron equivalent
Hydraulic reservoir capacity	3 quarts	2.8 liters
Hydraulic system capacity (including reservoir)		
CWP-8S	3.1 quarts	2.9 liters
CWP-12S	3.1 quarts	2.9 liters
CWP-15S	3.1 quarts	2.9 liters

Check the Battery - DC Models

Proper battery condition is essential to good machine performance and safe operation. Improper fluid levels or damaged cables and connections can result in engine component damage and hazardous conditions.

⚠WARNING Electrocution hazard. Contact with hot or live circuits could result in death or serious injury. Remove all rings, watches and other jewelry.

⚠WARNING Bodily injury hazard. Batteries contain acid. Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.

NOTICE Perform this test after fully charging the batteries.

1 Put on protective clothing and eye wear.

2 Remove the battery vent caps.

3 Check the battery acid level. If needed, replenish with distilled water to the bottom of the battery fill tube. Do not overfill.

4 Install the battery vent caps.

Scheduled Maintenance

The scheduled maintenance items must be completed by a person trained and qualified to perform maintenance on this machine according to the procedures found in the service manual for this machine.

Inspections and maintenance described below require the qualified entity to record and retain records of all inspections and maintenance items for four years.

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

The Schedule

There are three types of maintenance inspections that must be performed according to a schedule—daily, quarterly and annual. To account for repeated procedures, the *Scheduled Maintenance Procedures Section and the Maintenance Inspection Report* have been divided into three subsections—A, B and C. Use the following chart to determine which group(s) of procedures are required to perform a scheduled inspection.

Inspection	Table or Checklist
Daily	A
Quarterly	A + B
Annual	A + B + C

Maintenance Inspection Report

The maintenance inspection report contains checklists for each type of scheduled inspection.

Make copies of the *Maintenance Inspection Report* to use for each inspection. Store completed forms for four years.

Function Tests



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 the function tests prior to use.

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

4 Inspect the work place.

5 Only use the machine as it was intended.

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 manufacturers specifications.

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

Function Tests

1 Lift the base with the steer handle.

2 Use the steer handle to push the machine.

3 Position the machine on a firm, level surface directly below desired work area.

4 Lower the base with the steer handle. Be sure the steer handle locks in the stowed position.

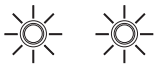
5 Connect to the appropriate power source:
DC models: Connect the battery pack.
AC models: Connect to a grounded 15A AC power supply. Use a 12 gauge (3.3 mm^2) 3-wire grounded extension cord no longer than 50 feet (13 m).

6 Turn the key switch to the ON position.

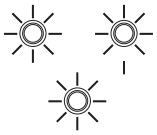
7 Pull out the red Emergency Stop button to the ON position.

⊙ Result: The power light should come on.

8 Check the interlock display lights at the ground controls.



⊙ Result: If the base is level and the steer handle is in the stowed position, all four display lights should be on.



Test the Handle

9 Raise the platform 6 to 8 inches (15 to 20 cm).

10 Attempt to raise the base with the steer handle.

⊙ Result: The base should **not** raise.

Test the Interlock System

11 Lower the platform.

12 Pull the steer handle 5 to 6 inches (13 to 16 cm) away from the machine.

⊙ Result: The steer handle interlock display light should be off.

13 Raise the base with the steer handle.

⊙ Result: All four interlock display lights should be off.

14 Place a $^1/_2$ inch (1.2 cm) block under one of the foot pads.

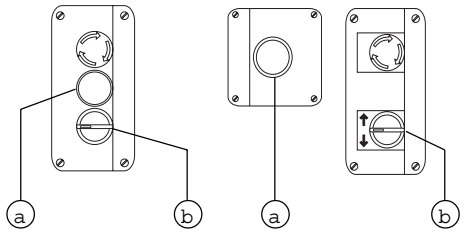
15 Lower the base with the steer handle. Be sure the steer handle is in the stowed position.

⊙ Result: The foot pad indicator lights and the steer handle indicator light should be on. The level sensor light should be off because the machine is not level.

16 Twist to release the red Emergency Stop button at the platform controls.

17 Push in the control activate button and rotate the up/down switch to the up position, then the down position.

ANSI & CSA CE



a control activate button
b up/down switch

⊙ Result: The platform up/down function should **not** operate.

18 Raise the base and remove the block. Lower the base.

Test Emergency Stop

19 Twist to release the red Emergency Stop button at the platform controls.

20 Push in the red Emergency Stop button at the ground controls to the OFF position.

21 Push in the control activate button and rotate the up/down switch in the direction of intended travel.

⊙ Result: The up/down function should **not** operate.

22 Push in the red Emergency Stop button at the platform controls to the OFF position.

23 Pull out the red Emergency Stop button at the ground controls to the ON position.

24 Push in the control activate button and rotate the up/down switch in the direction of intended travel.

⊙ Result: The up/down function should **not** operate.

Test Auxiliary Platform Lowering - AC & DC Models

25 Raise the platform slightly.

26 Disconnect the power source from the machine.

27 Push in the auxiliary platform lowering button at the ground controls.

⊙ Result: The platform should lower.

28 Connect the power source to the machine.

29 Raise the platform slightly.

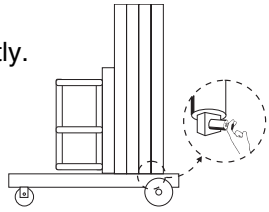
30 Disconnect the power source from the machine.

31 Push in the control activate button and rotate the up/down switch in the down direction.

⊙ Result: The platform should lower.

32 Connect the power source to the machine.

Test Manual Lowering



33 Raise the platform slightly.

34 Activate the manual lowering valve at the bottom of the hydraulic cylinder.

⊙ Result: The platform should lower.

Test the Direction-reversing Safety Switch (models with Power Wheel Assist Option only)

35 Pull and hold the function enable lever on either side.

36 Press the thumb rocker switch and drive the machine in the reverse direction.

37 Press the direction-reversing safety switch on the end of the steer handle.

⊙ Result: The machine should travel in the forward direction.

Test the Outreach Interlock (CE models with Outreach Option only)

38 Lift up on the locking bracket.

39 Rotate the handle clockwise to extend the platform.

40 Push in the control activate button and rotate the up/down switch to raise the platform.

⊙ Result: The platform should **not** raise.

41 Turn the handle counterclockwise to retract the platform.

Work Place Inspection



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 work place.

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

5 Only use the machine as it was intended.

Work Place Inspection

Be aware of and avoid the following hazardous situations:

- drop-offs or holes
- bumps, floor obstructions or debris
- 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

Fundamentals

The Work Place Inspection helps the operator determine if the work place is suitable for safe machine operation. It should be performed by the operator prior to moving the machine to the work place.

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

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 work place.

5 Only use the machine as it was intended.

Fundamentals

Using the machine for anything other than lifting personnel and tools to an aerial work site 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 pre-operation inspection, function tests and a work place inspection before using the machine.

OPERATING INSTRUCTIONS

Setup

1 Lift the base with the steer handle.

2 Use the steer handle to push the machine.

3 Position the machine on a firm, level surface directly below desired work area.

4 Lower the base with the steer handle. Be sure the steer handle locks in the stowed position.

5 Connect to appropriate power source:
DC models: Connect battery pack.
AC models: Connect to a grounded 15A AC power supply. Use a 12 gauge (3.3 mm^2) 3-wire grounded extension cord no longer than 50 feet (13 m).

6 Turn the key switch to the ON position.

7 Pull out the red Emergency Stop button to the ON position.

8 Check the interlock display lights at the ground controls. If the base is level and the steer handle is in the stowed position, all four interlock display lights should be on.

Emergency Stop

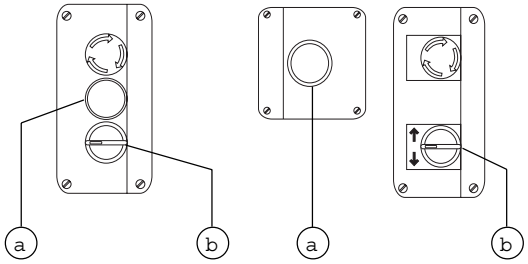
1 Push in the red Emergency Stop button at the platform controls or at the ground controls to stop the functions.

Platform Raise and Lower

1 Twist to release the red Emergency Stop button.

2 Push in the control activate button and rotate the up/down switch in the desired direction of travel.

ANSI & CSA CE



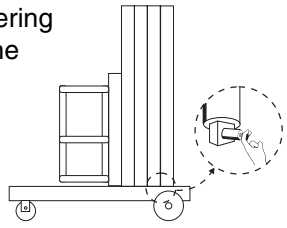
a control activate button
b up/down switch

Auxiliary Platform Lowering

1 Push in the auxiliary platform lowering button at the ground controls.

Manual Lowering

1 Activate the manual lowering valve at the bottom of the hydraulic cylinder.



Power Wheel Assist Option Operating Instructions

1 Lower the steer handle.

2 Pull and hold the function enable lever on either side.

3 Activate the thumb rocker switch in the desired direction of travel.

4 Release the thumb rocker switch. The machine will continue to roll when the rocker switch is released.

5 Release the function enable lever to stop the machine and set the brake.

Note: The brake will hold the machine on inclines of less than 3°.

To move the machine without power wheel assist: Pull and hold the function enable lever to release the brake.

Outreach Option Operating Instructions

1 Lift up on the locking bracket.

2 Rotate the handle clockwise to extend the platform. Rotate the handle counterclockwise to retract the platform

3 Be sure to lock the handle.

CE models: When the outreach is extended, the up/down function will not operate. Retract the outreach and reposition the platform.

After Each Use

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

2 Lower the base with the steer handle. Be sure the steer handle locks in the stowed position.

3 Remove the key to secure from unauthorized use.

4 DC models: Recharge the battery.

OPERATING INSTRUCTIONS



Battery and Charger Instructions

Observe and Obey:

- ☑ Do not use an external charger or booster battery.
- ☑ Charge the battery in a well-ventilated area.
- ☑ Use proper AC input voltage for charging as indicated on charger.
- ☑ Use only Genie authorized battery and charger.

To Charge Battery

1 Open the battery pack lid to access the battery.

2 Remove the battery vent caps and check the battery acid level. If necessary, add only enough water to cover the plates. Do not overfill prior to the charge cycle.

3 Replace the battery vent caps.

4 Set the power switch to the OFF position. Be sure that the DC output cord is properly connected to the battery.
Black to negative, red to positive.

5 Connect the battery charger to a grounded AC circuit.

6 If equipped: Set the AC Selector switch to the proper voltage.

7 Set the power switch to the AUTO position.

8 Monitor the ampere meter for the correct charge rate. The initial charge rate should be approximately 10A. The charge rate will decrease as the battery reaches full charge.

9 The charger will turn off automatically when the battery is fully charged. Set the power switch to the OFF position, then disconnect from the AC supply.

10 Check the battery acid level when the charge cycle is complete. Replenish with distilled water to the bottom of the fill tube. Do not overfill.

Dry Battery Filling and Charging Instructions

1 Remove the battery vent caps and permanently remove the plastic seal from the battery vent openings.

2 Fill each cell with battery acid (electrolyte) until the level is sufficient to cover the plates.

Do not fill to the maximum level until the battery charge cycle is complete. Overfilling can cause the battery acid to overflow during charging. Neutralize battery acid spills with baking soda and water.

3 Install the battery vent caps.

4 Charge the battery.

5 Check the battery acid level when the charging cycle is complete. Replenish with distilled water to the bottom of the fill tube. Do not overfill.

Transport Instructions

Observe and Obey:

- ☑ Common sense and planning must be applied to control the movement of the machine when lifting it with a crane or forklift.
- ☑ The transport vehicle must be parked on a level surface.
- ☑ The transport vehicle must be secured to prevent rolling while the machine is being loaded.
- ☑ Vehicle capacity, loading equipment and surfaces must be capable of supporting the machine weight. See Specifications section.
- ☑ The base of the machine must remain lowered during all loading and transport procedures.
- ☑ The machine must be secured to the transport vehicle with chains or straps of ample load capacity.

Winching the Machine onto a Flatbed Truck

1 Fully lower the platform.

2 Push in the red Emergency Stop buttons, turn the key switch to the OFF position and remove the key.

3 Inspect the entire machine for loose or unsecured items.

4 Connect the cable to the winching point located at the front of the base.

5 Raise the base with the steer handle.

6 Carefully winch the machine onto the truck.

7 Secure the machine base and mast to the transport vehicle. Use chains or straps of ample load capacity.

Loading the Machine With a Forklift

Use the forklift pockets located on either the front or the back of the machine.

Be sure to inspect the machine and remove any loose or unsecured items.

1 Lower the base with the steer handle. Lock the steer handle in the stowed position.

2 Position the forklift at the front or the back of the machine.

Machines with power wheel assist option: Avoid hitting the motor and the hydraulic hoses when using the forklift from the back of the machine.

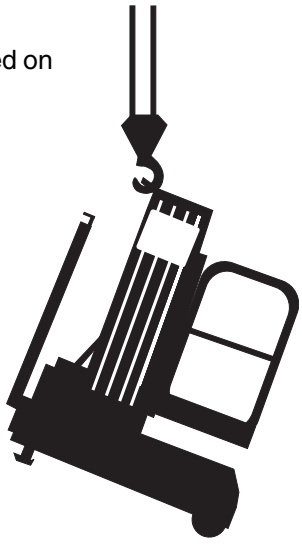
Use a strap to secure the steer handle for extended transport.

Loading the Machine With a Crane - Models without Utility Platform

Use the lifting eye mounted on the rear mast column.

Be sure to inspect the machine and remove any loose or unsecured items.

Always place the lifting hook through the lifting eye so that it points away from the machine.



Decals

Decal Inspection

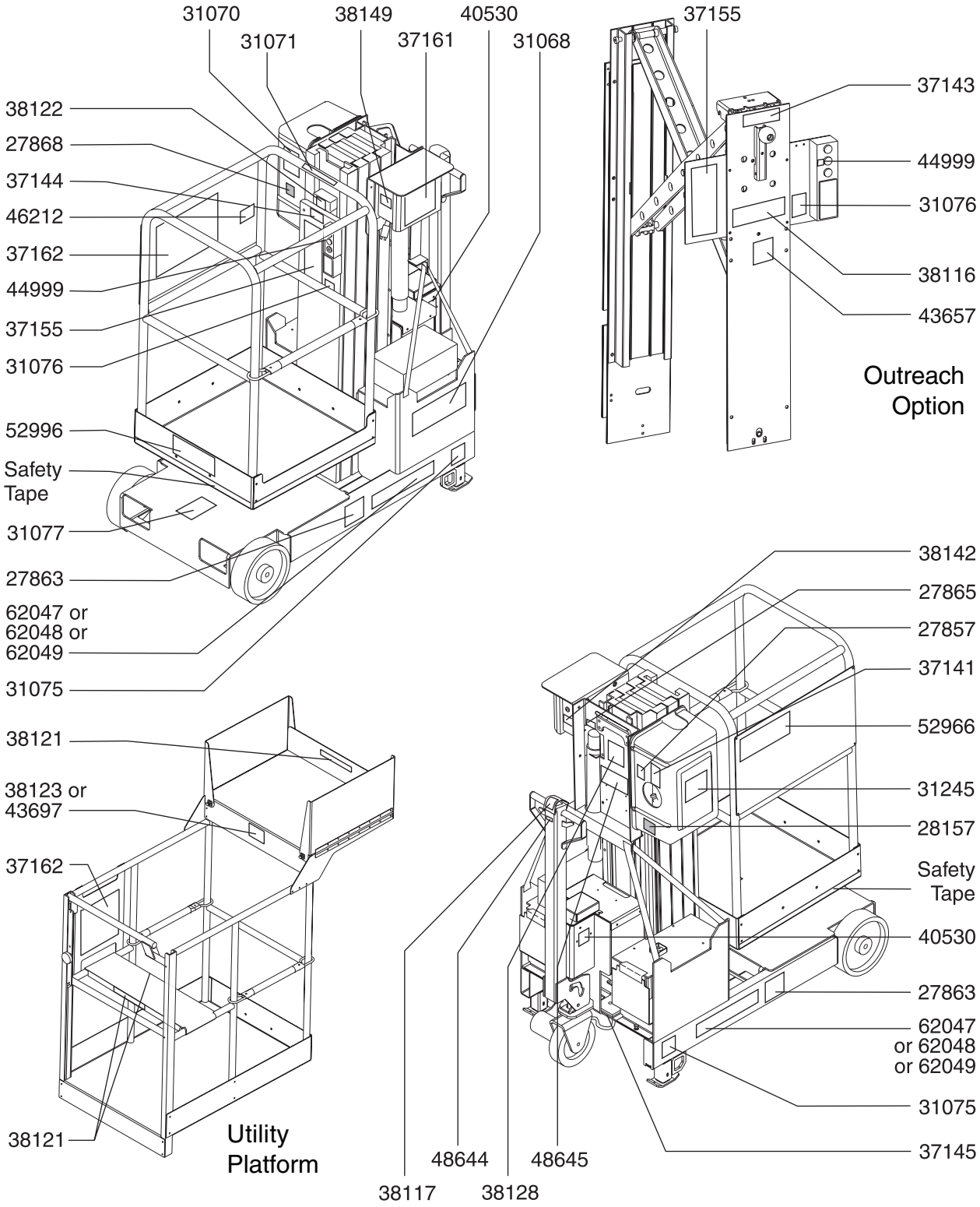
Use the pictures on the next page to verify that all decals are legible and in place. Below is a numerical list with quantities and descriptions.

Part No.	Description	Quantity
27863	Caution - Component Damage Hazard	2
27865	Label - Bubble Level	1
27868	Danger - Tip-over Hazard, Relief Valve	1
28157	Label - Dexron	1
31068	Danger - Battery Charger Safety	1
31070	Danger - Tip-over Hazard, Moving	1
31071	Warning - Failure to Read	1
31075	Caution - Crushing Hazard	2
31076	Caution - 8A Maximum, 115V AC	1
31077	Caution - Collision Hazard	1
31245	Warning - Collision Hazard	1
33550	Safety Tape, CE	---
37141	Notice - Manual Lowering Instructions	1
37143	Notice - Maximum Capacity, Outreach Option, 300 lbs	1
37144	Notice - Maximum Capacity 350 lbs	1
37145	Label - Manual Lowering Valve	1
37155	Notice - Operating Instructions	1
37161	Label - Interlock Display	1
37162	Danger - General Safety	1
38116	Danger - Outreach Option Safety and Instructions	1
38117	Notice - Power Wheel Assist Option Operating Instructions	1
38121	Warning - No Riders (Utility Platform)	3
38122	Label - Manual Storage Container	1
38123	Notice - Maximum Capacity (Utility Platform), ANSI/CE	1
38128	Serial Plate	1
38142	Label - Circuit Breaker (AC models)	1
38149	Label - Patents	1
40530	Warning - Bodily Injury Hazard	2
43657	Danger - Tip-over Hazard, Outreach Option	1
43697	Notice - Maximum Capacity (Utility Platform), CSA	1
46212	Notice - Maximum Side Force 45 lbs	1
44999	Label - Control Activate	1
48644	Label - Function Enable Lever	1
48645	Danger - Power Wheel Assist Option Safety	1
52996	Cosmetic - Genie Logo	2
62047	Cosmetic - Genie CWP-8S	2
62048	Cosmetic - Genie CWP-12S	2
62049	Cosmetic - Genie CWP-15S	2



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

DECALS


31070
31071
38149
37161
40530
31068
38122
27868
37144
46212
37162
44999
37155
31076
52996
Safety Tape
31077
27863
62047 or 62048 or 62049
31075
37155
37143
44999
31076
38116
43657
Outreach Option
38142
27865
27857
37141
52966
31245
28157
Safety Tape
40530
27863
62047 or 62048 or 62049
31075
37145
38121
38123 or 43697
37162
38121
Utility Platform
48644
48645
38117
38128

Specifications

Specifications		
Height, working maximum		
CWP-8	13 ft 11 in	4.2 m
CWP-12	17 ft 3 in	5.3 m
CWP-15	20 ft 8 in	6.3 m
Height, platform maximum		
CWP-8	7 ft 11 in	2.4 m
CWP-12	11 ft 3 in	3.4 m
CWP-15	14 ft 8 in	4.5 m
Power source		
DC models		12V
AC models		110V or 220V
Machine weight (AC / DC models)		
CWP-8	740 / 830 lbs	336 / 376 kg
CWP-12	800 / 890 lbs	363 / 404 kg
CWP-15	880 / 970 lbs	399 / 440 kg
Height, stowed	63 in	160 cm
Width	29 1/2 in	75 cm
Length	59 in	150 cm
Ambient operating temperature		-20°F to 135°F -29°C to 57°C
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)		80 dB
Current Protection Rating		
220V AC models		8A fuse, circuit breaker 5A fuse, printed circuit board
110V AC models		15A fuse, circuit breaker 5A fuse, printed circuit board
DC models		175A fuse, power unit 5A fuse, printed circuit board

Maximum capacity		
CWP-8	350 lbs	159 kg
CWP-12	350 lbs	159 kg
CWP-15	350 lbs	159 kg
Maximum capacity with outreach option		
CWP-8	300 lbs	136 kg
CWP-12	300 lbs	136 kg
CWP-15	300 lbs	136 kg
Maximum occupancy		1 person
Maximum capacity - Utility Platform option		
All models except CSA		
Machine lift capacity	500 lbs	227 kg
Platform capacity	400 lbs	181 kg
Material storage compartment capacity	150 lbs	68 kg
All CSA Models		
CWP-12S Machine lift capacity	350 lbs	159 kg
CWP-12S Platform capacity	250 lbs	113 kg
CWP-12S Material storage compartment capacity	100 lbs	45 kg
Maximum occupancy		1 person

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

Platform dimensions	
Standard platform (l x w x h) gated or sliding mid-rail	27 x 26 x 44 3/4 in 69 x 66 x 113.7 cm
Gated ultra-narrow platform (l x w x h)	22 x 18 x 44 3/4 in 56 x 46 x 113.7 cm
Gated narrow platform (l x w x h)	26 x 20 x 44 3/4 in 66 x 51 x 113.7 cm
Standard fiber platform (l x w x h)	29 x 26 1/2 x 43 1/2 in 74 x 67 x 110 cm
Narrow fiber platform (l x w x h)	26 x 22 x 43 1/2 in 66 x 56 x 110 cm
3-sided entry platform (l x w x h)	30 x 28 x 43 1/2 in 76 x 71 x 110 cm
Extra large platform (l x w x h)	30 x 28 x 43 1/2 in 76 x 71 x 110 cm

Utility Platform		
Machine weight (AC / DC models)		
CWP-12	850 / 940 lbs	386 / 427 kg
CWP-15	930 / 1020 lbs	425 / 463 kg
Height, stowed	75 1/2 in	192 cm
Width	31 in	79 cm
Length		
CWP-12	70 in	178 cm
CWP-15	70 1/2 in	179 cm
Platform Dimensions		
Width	31 in	79 cm
Length	42 in	107 cm
Height	45 in	114 cm

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