Genie®



Operator's Manual

with Maintenance Information

Original Instructions
Fifth Edition
Third Printing
Part No. 145358

IWP™ 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.

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This machine complies with
ANSI/SIA 92.3
CAN/CSA B354.1

CE Complies with EC Directive 2006/42/EC
See EC Declaration of Conformity

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Safety Rules



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 the 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 RULES

Tip-over Hazards

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

Do not move the machine while the platform is raised.





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

Do not transport tools and materials unless they are evenly distributed and can be safely handled by the person in the platform.

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

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





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

Maximum allowable side force, ANSI & CSA models	50 lbs	222 N
Maximum allowable manual force, CE & AUS models	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 use the machine on a moving or mobile surface or vehicle.

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

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.





Occupants, equipment and material shall not exceed the maximum platform capacity.

ANSI, CSA, AUS & CE models		
Maximum capacity	350 lbs	159 kg
Maximum occupancy		1 person
ANSI, AUS & CE models		
Maximum capacity IWP-20S with outreach option	300 lbs	136 kg
Maximum occupancy		1 person

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

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.

Do not install the outreach option on an IWP-25S or an IWP-30S. The outreach option is for the IWP-20S.

Fall Hazards

The guard rail system provides fall protection. If occupants of the platform are required to wear personal fall protection equipment (PFPE) due to job site or employer rules, PFPE equipment and its use shall be in accordance with the PFPE manufacturer's instructions and applicable governmental requirements. Attach the lanyard to the anchor provided in the platform.

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



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 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 beware of strong or gusty winds.

Do not use the machine as a ground for welding.

Do not operate an AC powered machine or a 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

Operators must comply with employer, job site and governmental rules regarding the use of personal protective equipment.

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





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

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



Use common sense and planning to control the movement of the machine on or near inclines.

Stay clear of descending platform.

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 IWP Super Series 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 mast.

Conduct a thorough pre-operation inspection of the machine and test all functions before each work shift.

Do not use the machine as a ground for welding.

Improper Use Hazard

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

Bodily Injury Hazard

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

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.

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.

SAFETY RULES

Battery and Charger Safety - DC Models

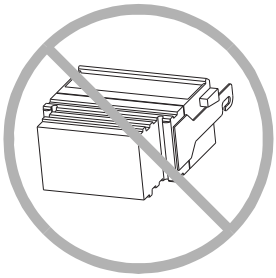
Burn Hazards

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





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



The battery pack must remain in an upright position.

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 charger DC output wires 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 or rain.

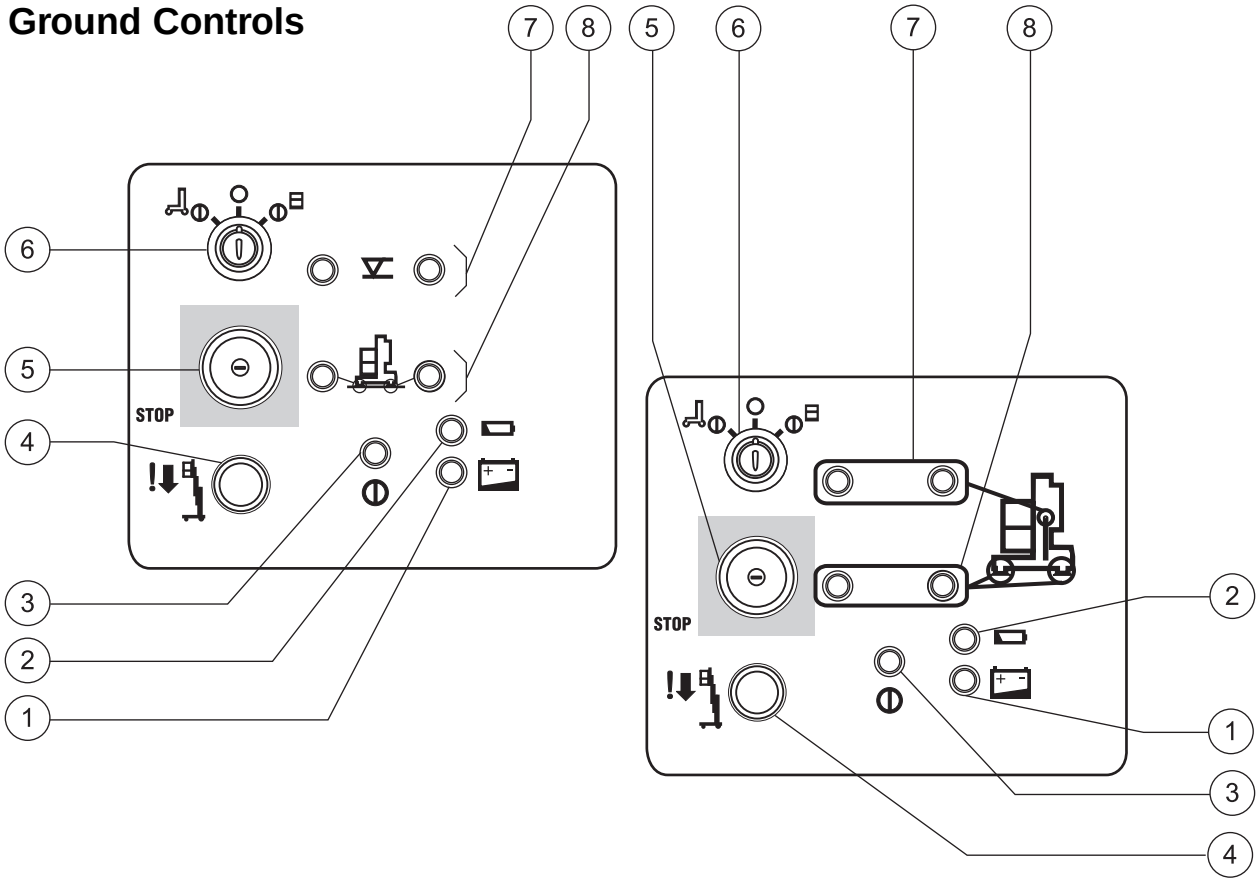
Before each use, inspect for damage. Replace damaged components before operating.

Lifting Hazard

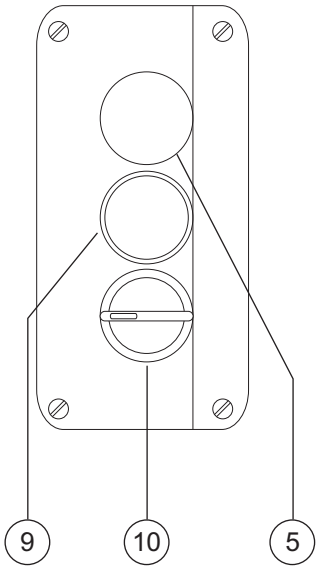
The battery pack weighs 90 lbs / 40.8 kg. Use the appropriate number of people and proper lifting techniques.

Controls

Ground Controls



Platform Controls



1 DC models: Low battery indicator light

2 Low battery indicator light for auxiliary lowering

3 Power light

4 Auxiliary platform lowering button

5 Red Emergency Stop button

6 Key switch

7 Level sensor interlock display lights

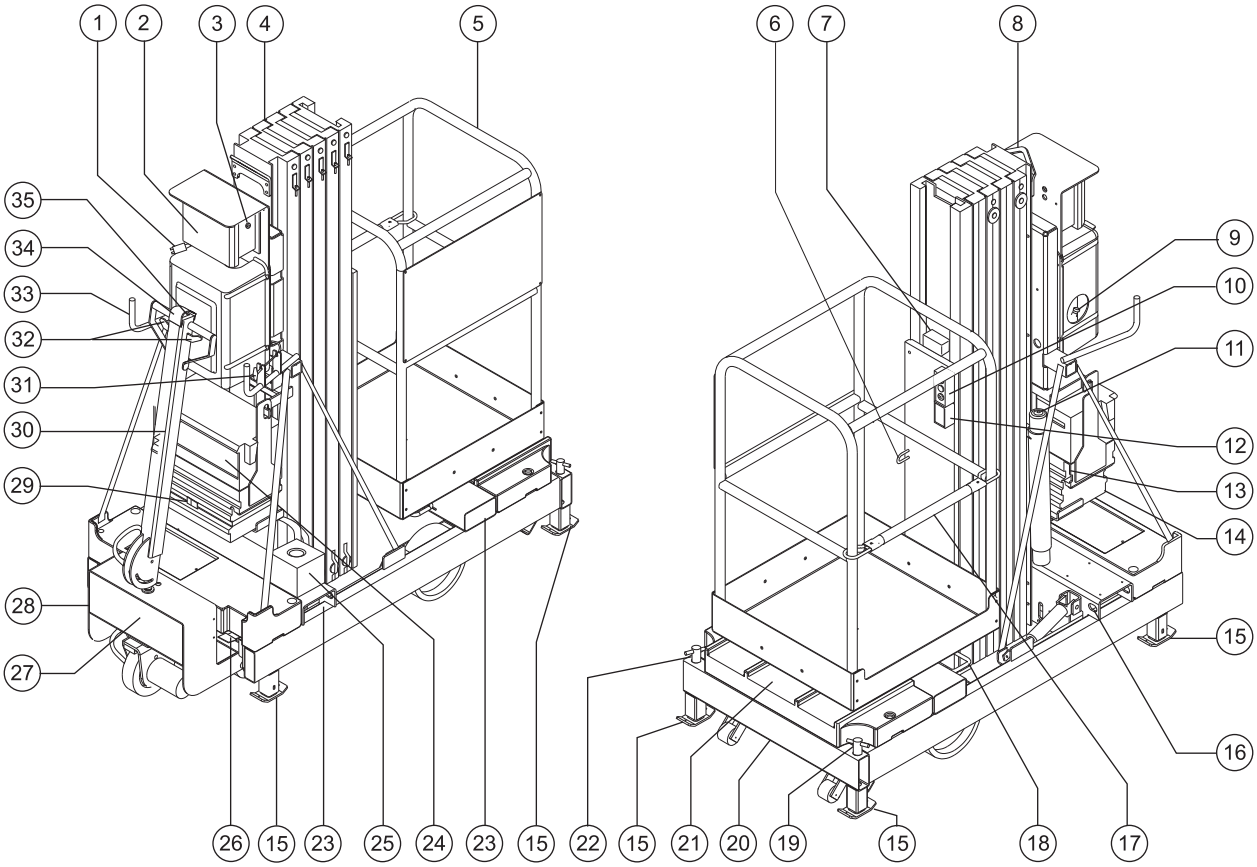
8 Footpad interlock display lights

9 Control activate button

10 Up/Down switch

Note: Two different interlock display decals were produced. The symbols on them are different but they both operate the same way. Both are illustrated here and in the text throughout this manual.

Legend



1 AC models: AC power supply line for machine
DC models: power to platform
2 Ground controls (interlock display)
3 Circuit breaker
4 Mast
5 Platform
6 Lanyard anchorage point
7 Operator's manual storage container
8 Lifting eye
9 Breather cap
10 Platform controls
11 Level sensor with bubble level*
12 AC outlet
13 DC models: Battery quick disconnect
14 DC models: Battery pack
15 Footpad
16 Transport tie down
17 Platform entry mid-rail or gate
18 Forklift ring
19 Left side leveling jack
20 Winching point
21 Counterweight
22 Right side leveling jack
23 Forklift pocket
24 DC models: Battery charger
25 Level sensor with bubble level*
26 Foot pedal
27 Power wheel assist option
28 Manual lowering valve (located at the bottom of the hydraulic cylinder)
29 Battery strap
30 Steer handle - power wheel assist option
31 Base lowering handle
32 Function enable lever - power wheel assist option
33 Steering handle
34 Direction-reversing safety switch - power wheel assist option
35 Thumb rocker switch - power wheel assist option

* Two different styles of level sensor were produced.

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 function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

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.

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.

Pre-operation Inspection

- ❑ Be sure that the operator's, safety and responsibilities manuals are complete, legible and in the storage container located on the mast.
- ❑ 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, improperly installed or missing parts and unauthorized modifications:

- ❑ Electrical components, wiring and electrical cables
- ❑ Hydraulic power unit, hoses, fittings and cylinders
- ❑ Hydraulic manifolds and foot pump
- ❑ Platform entry mid-rail or gate
- ❑ Sequencing cables and pulleys
- ❑ Lifting chains and idler wheels
- ❑ Mast columns and counterweight
- ❑ Nuts, bolts and other fasteners
- ❑ Breather cap
- ❑ Foot pads
- ❑ Adjustable glide pads
- ❑ Lanyard anchorage points
- ❑ Casters

If equipped: Power wheel assist option

- ❑ Steer handle
- ❑ Hydraulic motor and hoses

If equipped: IWP-20S with Outreach option

- ❑ Locking bracket
- ❑ Handle and handle lock
- ❑ Extension arms
- ❑ Confirm proper counterweight configuration (part number is stamped on top of counterweight)

ANSI & CE Indoor	Front P/N	Rear P/N
IWP-20S Standard Base	37354	37355

Check entire machine for:

- ❑ Dents or damage
- ❑ Corrosion or oxidation
- ❑ Cracks 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.
- ☑ Dipose of material in accordance with governmental regulations.

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 Battery - DC Models



Proper battery condition is essential to good machine performance and operational safety. Improper fluid levels or damaged cables and connections can result in 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 vent caps.

MAINTENANCE

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 Check the sight gauge on the side of the hydraulic tank.

⊙ Result: The hydraulic oil level should be visible in the middle of the sight gauge. Do not overfill.

Hydraulic oil specifications	
Hydraulic oil type	Chevron Rando HD equivalent

Scheduled Maintenance

Maintenance performed 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 manual 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.

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 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.

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.

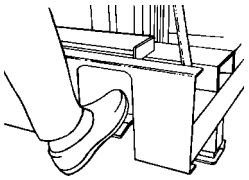
A malfunctioning machine must never be used. If malfunctions are discovered, the machine must be tagged and removed from service. Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications.

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

Function Tests

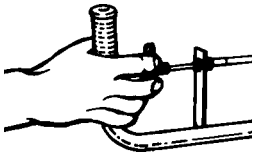
1 Select a firm, level test area free of obstructions.

2 Pump the foot pedal to raise the base.



⊙ Result: The wheels should contact the ground.

3 Pull the base lowering handle to fully lower the base.



⊙ Result: All four foot pads should come in firm contact with the ground.

4 Connect the appropriate power source.

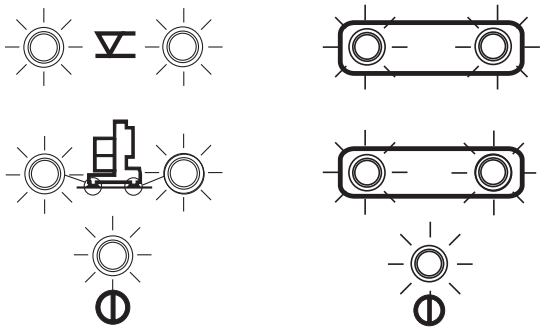
5 Use the bubble level and adjust the leveling jacks until the machine is level and all four foot pads are in firm contact with the ground.

6 Insert the key and turn to platform control.

7 Pull out the red Emergency Stop button at the ground controls to the on position.

8 Pull out the red Emergency Stop button at the platform controls to the on position.

⊙ Result: The power light should come on. Within 1 to 4 seconds, the two level sensor interlock display lights and the two foot pad interlock display lights should turn on and remain on.

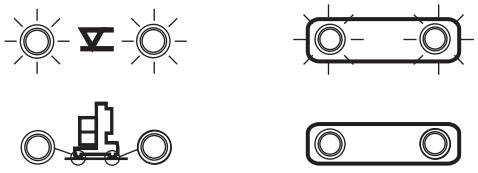


Note: Two different interlock display decals were produced. The symbols on them are different but they both operate the same way. Both are illustrated in this text.

Test Interlock System

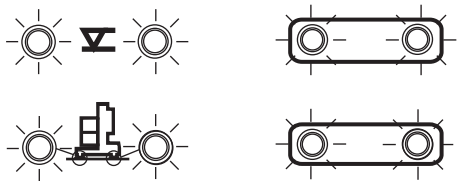
9 Pump the foot pedal to raise the base.

⊙ Result: The two footpad display lights should be off.



10 Pull the base lowering handle to lower the base.

⊙ Result: The two footpad display lights should be on.

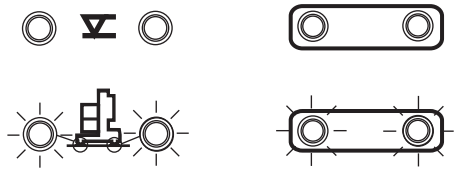


11 Pump the foot pedal to raise the base.

12 Turn both the leveling jacks clockwise to the full down position.

13 Pull the base lowering handle to lower the base.

⊙ Result: The base will lower and the two level sensor display lights should be off and remain off because the base is not level.



14 At the platform controls, push in the control activate button and rotate the up/down switch to the up position, then the down position.

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

Test Emergency Stop

15 Use the bubble level and adjust the leveling jacks until the machine base is level. Be sure all four display lights at the ground controls are on.

16 Push in the red Emergency Stop button at the ground controls.

17 At the platform controls, push in the control activate button and rotate the up/down switch in each direction.

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

18 Push in the red Emergency Stop button at the platform controls and pull out the red Emergency Stop button at the ground controls.

19 At the platform controls, push in the control activate button and rotate the up/down switch in each direction.

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

FUNCTION TESTS

Test Auxiliary Platform Lowering

20 Raise the platform slightly.

⊙ Result: The inner frame wheels should lift off the ground.

21 Disconnect the power source from the machine.

22 Turn the key switch to ground control.

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

⊙ Result: The platform should lower.

24 Connect the power source to the machine.

25 Turn the key switch to platform control.

26 Raise the platform slightly.

27 Disconnect the power source from the machine.

28 At the platform controls, push in the control activate button and rotate the up/down switch in the down direction.

⊙ Result: The platform should lower.

29 Connect the power source to the machine.

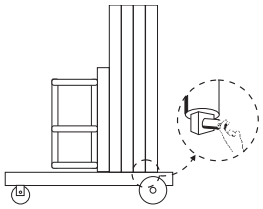
Test Manual Lowering

30 Pull out the red Emergency Stop button at the platform controls to the on position. Confirm that the interlock display lights and the power light are on.

31 Push in the control activate button and rotate the up/down switch to the up position to raise the platform approximately 6 inches / 15 cm.

32 Activate the manual lowering valve located at the bottom of the hydraulic cylinder.

⊙ Result: The platform should lower.



Test Platform Raise and Lower

33 Push in the control activate button and rotate the up/down switch to the up position.

⊙ Result: The platform should raise smoothly, free of hesitation.

34 Push in the control activate button and rotate the up/down switch to the down position.

⊙ 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.

Workplace 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 workplace.

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

5 Only use the machine as it was intended.

Be aware of and avoid the following hazardous situations:

- drop-offs or holes
- bumps and floor obstructions
- 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
- all other possible unsafe conditions

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.

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

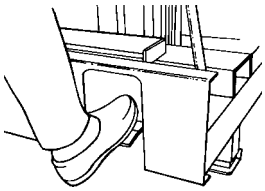
The Operating Instructions section provides instructions for each aspect of machine operation. It is the operator's responsibility to follow all the safety rules and instructions in the operator's, safety and responsibilities manuals.

Using the machine for anything other than lifting personnel, along with their tools and materials, to an aerial work site is unsafe and dangerous.

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.

Setup

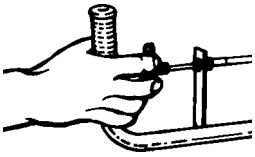
1 Pump the foot pedal to raise the base until the wheels contact the ground.



2 Use the steering handle to push the machine.

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

4 Pull the base lowering handle to lower the base until all four footpads are in firm contact with the ground.

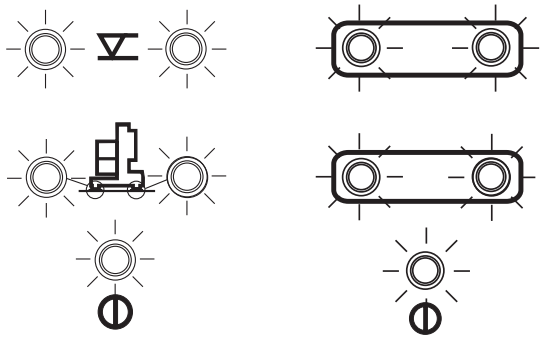


5 Connect to an appropriate power source:
DC models: Connect the battery pack.
AC models: Connect to a grounded 15A AC power supply. Use a 12 gauge / 3.3mm^2 3-wire grounded extension cord no longer than 50 feet / 13 m.

6 Insert the key and turn to platform control.

7 Pull out the red Emergency Stop button at the ground controls and be sure the power light is on.

8 Be sure that the two level sensor interlock display lights and the two footpad interlock display lights are on.



Note: Two different interlock display decals were produced. The symbols on them are different but they both operate the same way. Both are illustrated in this text.

Emergency Stop

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

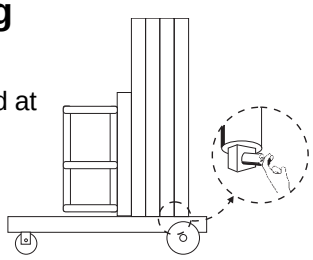
Platform Raise and Lower

1 Pull out the red Emergency Stop button at the platform controls to the on position.

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

Manual Lowering

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



Auxiliary Platform Lowering

1 Turn the key switch to ground control.

2 Activate the auxiliary platform lowering button at the ground controls.

Fall Protection

Personal fall protection equipment (PFPE) is not required when operating this machine. If PFPE is required by job site or employer rules, the following shall apply:

All PFPE must comply with applicable governmental regulations and must be inspected and used in accordance with the manufacturer's instructions.

After Each Use

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

2 Pull the base lowering handle to lower the base until all four footpads are in firm contact with the ground.

3 Remove the key to secure from unauthorized use.

4 DC models: Recharge the battery.

OPERATING INSTRUCTIONS

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.

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.



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 the charger.
- ☑ Use only a 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 distilled water to cover the plates. Do not overfill prior to the charge cycle.

3 Replace the battery vent caps.

4 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 The charger will turn off automatically when the battery is fully charged.

7 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 and Lifting 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 the serial plate for the machine weight.
- ☑ 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 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 on the front of the base.

5 Carefully winch the machine onto the truck.

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

Loading the Machine With a Forklift

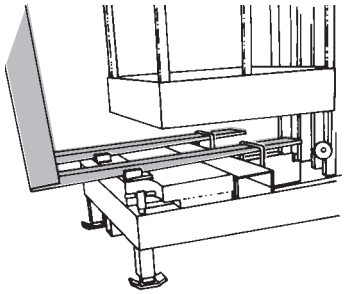
Use the forklift pockets located on the sides of the machine or the forklift rings located behind the counterweight under the platform.

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

To use the forklift rings:

1 Raise the platform 3 inches / 7.5 cm.

2 Position the forklift rings in the up position.



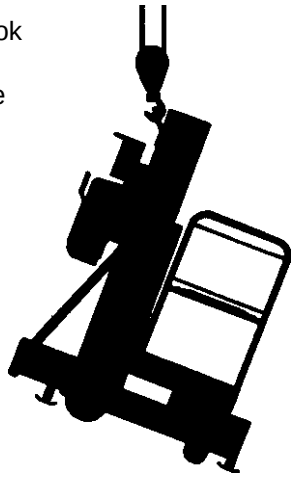
Loading the Machine With a Crane

Use the lifting eye mounted on the rear mast column.

The battery pack must be removed before lifting the machine with a crane.

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.

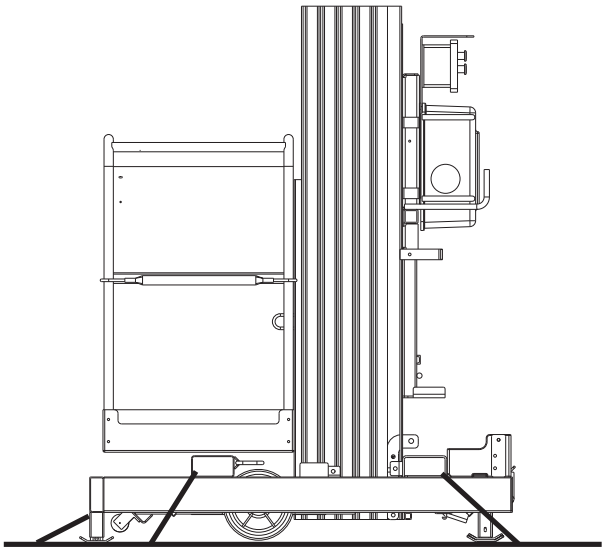


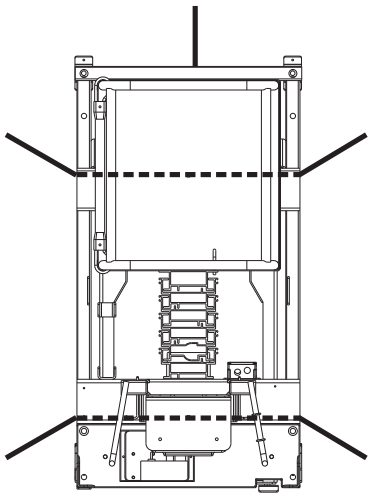
Securing the Machine

Use chains or straps of ample load capacity.

Use a minimum of 3 chains.

Adjust the rigging to prevent damage to the chains.





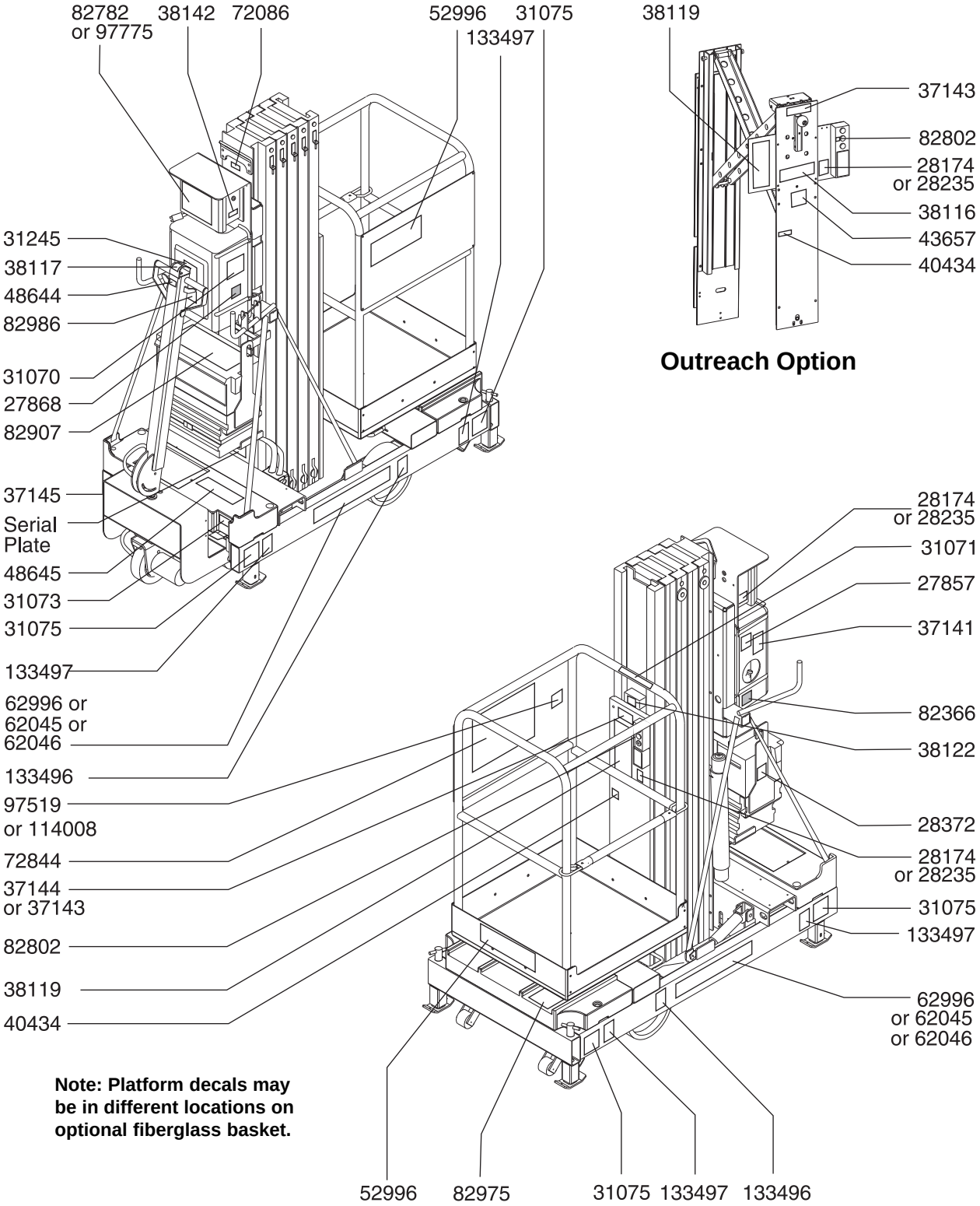
Decals

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.	Description	Quantity
27857	Caution - Pipe Plug	1
27868	Danger - Relief Valve	1
28174	Label - Power to Platform, 230V	2
28235	Label - Power to Platform, 115V	2
28372	Caution - Quick Disconnect	1
31070	Danger - Tip-over Hazard, Moving	1
31071	Warning - Failure to Read	1
31073	Label - Foot Pedal	1
31075	Caution - Crushing Hazard	4
31245	Warning - Collision Hazard	1
37141	Notice - Manual Lowering Instructions	1
37143	Notice - Max Capacity, 300 lbs / 136 kg (IWP-20S with outreach)	1
37144	Notice - Max Capacity, 350 lbs / 159 kg, ANSI & AUS	1
37145	Label - Manual Lowering Valve	1
38116	Danger - Outreach Option Safety and Instructions	1
38117	Notice - Power Wheel Assist Option Operating Instructions	1
38119	Notice - Operating Instructions	1
38122	Label - Manual Storage Container	1
38142	Label - Circuit Breaker, AC models	1
40434	Label - Lanyard Anchorage Point	1
43657	Danger - Tip-over Hazard, Outreach Option	1
48644	Label - Function Enable Lever	1
48645	Danger - Power Wheel Assist Option Safety	1
52996	Cosmetic - Genie Logo	2
62045	Cosmetic - IWP-25S	2
62046	Cosmetic - IWP-30S	2
62996	Cosmetic - IWP-20S	2
72086	Label - Lifting Eye	1
72844	Danger - General Safety	1
82366	Label - Chevron Rando	1
82782	Label - Interlock Display	1
82802	Label - Control Activate	1
82907	Danger - Battery Charger Safety	1
82975	Caution - Collision Hazard	1
82986	Danger - Electrocution Hazard	1
97519	Notice - Max Side Force, 45 lbs / 200 N, AUS	1
97775	Label - Interlock Display	1
114008	Notice - Max Side Force, 50 lbs / 222 N, ANSI & CSA	1
133496	Label - Wheel Load	2
133497	Label - Footpad Load	4

DECALS



Outreach Option

Note: Platform decals may be in different locations on optional fiberglass basket.

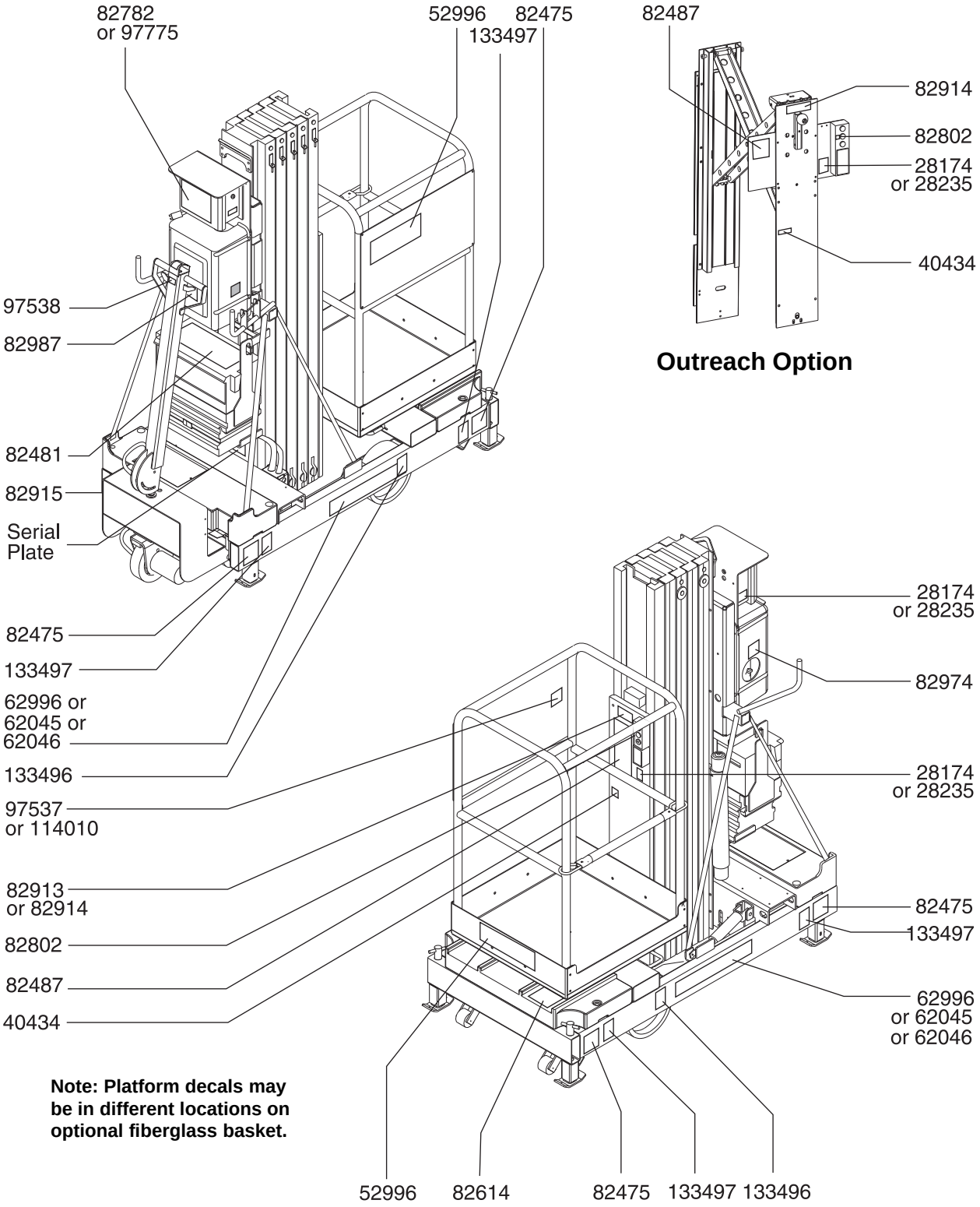
DECALS

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.	Description	Quantity
28174	Label - Power to Platform, 230V	2
28235	Label - Power to Platform, 115V	2
40434	Label - Lanyard Anchorage Point	1
52996	Cosmetic - Genie Logo	2
62045	Cosmetic - IWP-25S	2
62046	Cosmetic - IWP-30S	2
62996	Cosmetic - IWP-20S	2
82475	Caution - Foot Crush	4
82481	Danger - Battery Charger Safety	1
82487	Label - Read the Manual	2
82614	Danger - Collision Hazard	1
82782	Label - Interlock Display	1
82802	Label - Control Activate	1
82913	Danger - Max Capacity, 159 kg	1
82914	Danger - Max Capacity, 136 kg	1
82915	Label - Manual Lowering Valve	1
82974	Warning - Collision Hazard	1
82987	Danger - Electrocution Hazard	1
97537	Danger - Maximum Manual Force, 200 N	1
97538	Label - Function Enable, Power Wheel Assist	1
97775	Label - Interlock Display	1
114010	Danger - Maximum Side Force, 222 N	1
133496	Label - Wheel Load	2
133497	Label - Footpad Load	4

DECALS



Outreach Option

Note: Platform decals may be in different locations on optional fiberglass basket.

Specifications

Model	IWP-20S	IWP-25S	[1]IWP-30S
Height, working maximum	26.1 ft 8.0 m	30.9 ft 9.4 m	35.5 ft 10.8 m
Height, platform maximum	20.1 ft 6.1 m	24.9 ft 7.6 m	29.5 ft 9.0 m
Lift capacity	350 lbs 159 kg	350 lbs 159 kg	350 lbs 159 kg
Lift capacity - ANSI, CE, AUS with outreach option	300 lbs 136 kg	— —	— —
Power source DC model AC model	 12V 110V or 220V	 12V 110V or 220V	 12V 110V or 220V
Machine weight (Machine weights vary with option configurations)	See Serial Plate	See Serial Plate	See Serial Plate
Height, stowed base fully lowered/base raised	76 in / 78 in 1.9 m / 2.0 m	76 in / 78 in 1.9 m / 2.0 m	76 in / 78 in 1.9 m / 2.0 m
Width - Standard base	32 in 81 cm	32 in 81 cm	— —
Length - Standard base	60 in 1.5 m	60 in 1.5 m	— —
Width - Wide base	— —	— —	40 in 1.02 m
Length - Wide base	— —	— —	60 in 1.5 m
Optional Outreach, extended ANSI and CE	24 in 61 cm	— —	— —
Corner access [2]	6 in 15 cm	6 in 15 cm	7 in 18 cm

[1] IWP-30S is only available with a wide base.
[2] Corner of platform top rail to corner of wall with ability to rotate leveling jack handle.

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

Airborne noise emissions	
Sound pressure level at ground workstation	< 70 dBA
Sound pressure level at platform workstation	< 70 dBA
Total vibration value to which the hand/arm system is subjected does not exceed 2.5 m/s^2.	
Highest root mean square value of weighted acceleration to which the whole body is subjected does not exceed 0.5 m/s^2.	
Platform Dimensions (length x width x height)	
Standard platform gated or sliding mid-rail	27 x 26 x 44 3/4 in 69 cm x 66 cm x 1.1m
Gated ultra-narrow platform	22 x 18 x 44 3/4 in 56 cm x 46 cm x 1.1 m
Gated narrow platform	26 x 20 x 44 3/4 in 66 cm x 51 cm x 1.1 m
Standard fiber platform	29 x 26 1/2 x 43 1/2 in 74 cm x 67 cm x 1.1 m
Narrow fiber platform	26 x 22 x 43 1/2 in 66 cm x 56 cm x 1.1 m
Front entry gated narrow platform	20 x 26 x 44 3/4 in 51cm x 66 cm x 1.1 m
Extra large front and side entry platform	30 x 28 x 44 3/4 in 76 cm x 71 cm x 1.1 m