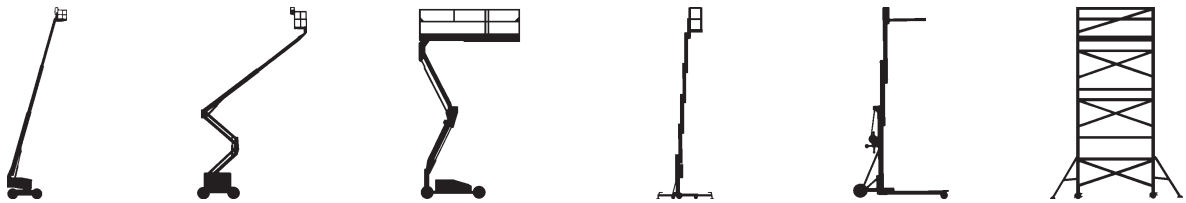
Genie Industries

Genie Super·Straddle

Operating Instruction Manual





First Edition

Part No. 28433

Genie Super-Straddle

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. If you have any questions, call Genie Industries.

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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** are properly trained to safely operate both the Genie Super-Straddle and Genie AWP.
- **You** read, understand and obey:

  Genie AWP and Super-Straddle instructions and safety rules—both sets of Operating Instruction Manuals and machine decals

  Employer's safety rules

  Applicable governmental regulations
- **You** inspect the entire machine for possible damage and test all machine functions for proper operation.

Decal Legend

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

⚠ DANGER Red—used to indicate the presence of a hazard that **will** cause death or serious injury.

⚠WARNING Orange—used to indicate the presence of a hazard that **may** cause death or serious injury.

⚠CAUTION Yellow—used to indicate the presence of a hazard that **will** or **may** cause serious injury or damage to the machine.

NOTICE Green—used to indicate operation or maintenance information.

SAFETY

Tip-over Hazards

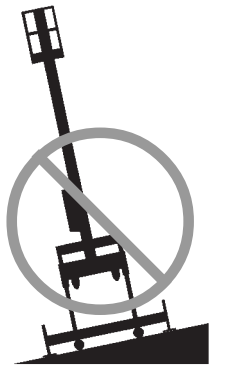
Do not use the Super-Straddle except with a Genie AWP (see page 4).

Do not use on a sloping surface unless all four swivel casters are locked in a position crossing the slope and their brakes are applied.

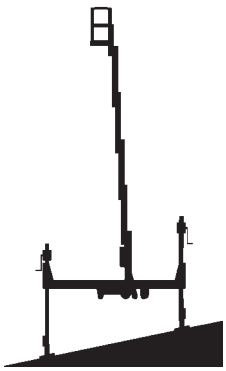
Do not operate the Super-Straddle unless all four Genie AWP outriggers are properly installed in the Super-Straddle base, screw jack pads are in firm contact with ground and straddle platform is level.

Do not operate machine unless all retaining pins are properly installed.

Do not operate the Super-Straddle or adjust or remove outriggers while platform is occupied or elevated.



Incorrect
Figure 1



Correct
Figure 2

Do not operate machine on a slope (figure 1) unless it is positioned with length running with the slope and the straddle platform is level (figure 2).

Collision Hazard

Be aware of overhead obstructions. The Super-Straddle adds 4 ft. (1.2m) to the working height of the Genie AWP being used.

Electrocution Hazard

The Super-Straddle is not electrically insulated and neither by itself or together with the Genie AWP will not provide protection from contact with or proximity to any electrical charge or electrical device.

Damaged Machine Hazards

Do not use a damaged or malfunctioning machine.

Do not use machine if either cable is worn, frayed or kinked.

Conduct a thorough pre-operation machine inspection prior to each work shift. Look for damage such as cracked welds and frayed winch cables. Inspect winch, fasteners, frames and casters.

Be sure all maintenance has been performed as specified in the Operating Instruction Manual.

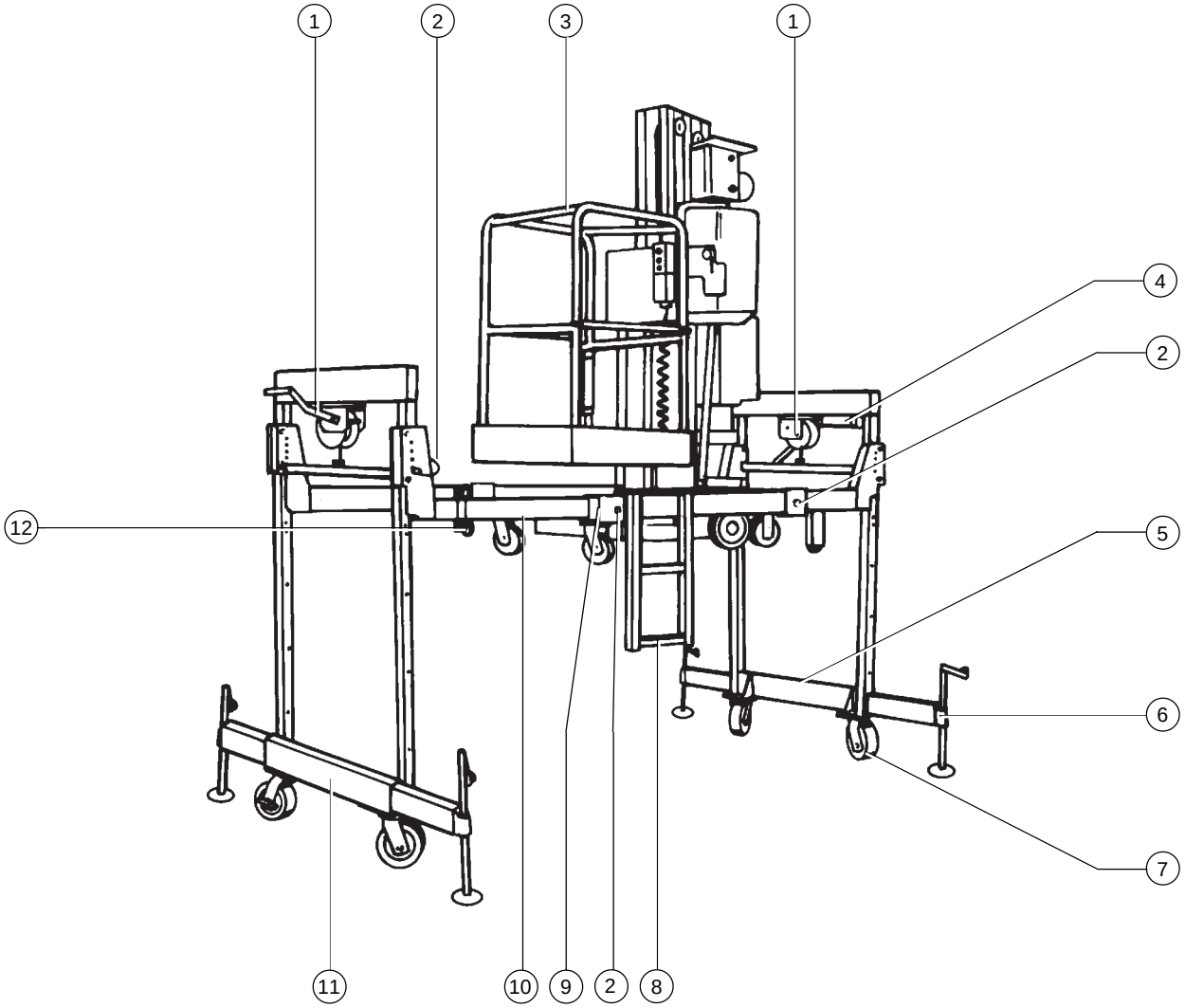
Be sure all decals are in place and legible.

Be sure Operating Instruction Manual is legible and in the storage tube located on the base frame.

Maintain proper lubrication on winch. Do not allow oil or grease on braking surfaces.

Do not attempt to raise the Super-Straddle unless all four Genie AWP outriggers are properly installed in the Super-Straddle, or you may damage the interlocks, winch or cable.

Legend



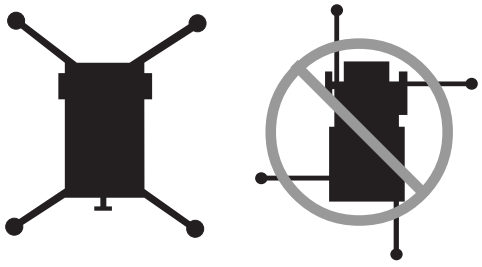
1. Winch
2. Retaining pin
3. Genie AWP
4. Instruction tube
5. Base frame
6. Genie AWP outrigger
7. Locking swivel caster
8. Ladder
9. Straddle socket
10. Straddle platform
11. Telescoping base frame
12. Side Casters

Operating Instructions



Before Each Use:

- Read, understand and obey all safety rules (see *Safety Rules*, page 1).
- Conduct a thorough pre-operation machine inspection prior to each work shift. Look for damage such as cracked welds and frayed winch cables. Inspect winch, fasteners, frames and casters.
- Immediately tag and remove from service a damaged or malfunctioning machine.
- Repair any machine damage or malfunctions before operating machine.
- Use only Genie AWP with "X" outrigger pattern.



Correct Incorrect

Setup

Position Super-Straddle on a firm, level surface.

Apply brakes to both swivel casters on the base frame (figure 1).

Remove retaining pins from base frames and separate (figures 2 & 3).

Remove the ladder from the base frame cross member and set it aside.

Release both swivel caster brakes and align the base frame behind the Genie AWP.

Remove all four straddle sockets from the base frame and install them in the Genie AWP outrigger sockets (figure 4).

Push the base frame through all four straddle sockets (figure 5).

Insert retaining pins through the two straddle sockets closest to the fixed casters (figure 6).

Align the telescoping base frame in front of the Genie AWP, then insert and push into base frame (figure 7).

Adjust the Super-Straddle to the desired length, then insert the retaining pins which are attached to the straddle sockets at the front of the Genie AWP, through the straddle length adjustment holes (figure 8).

Install a Genie AWP outrigger at each corner of the Super-Straddle (figure 9).

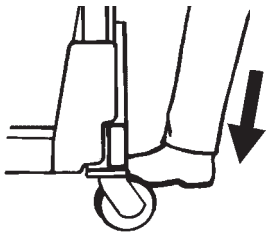


Figure 1

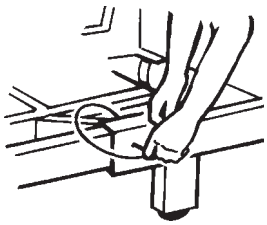


Figure 2

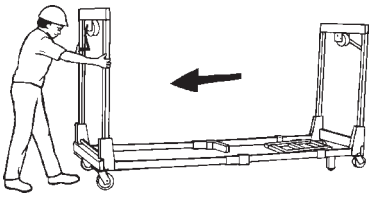


Figure 3

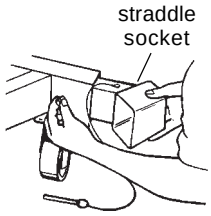


Figure 4

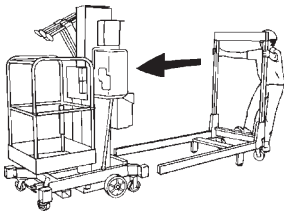


Figure 5

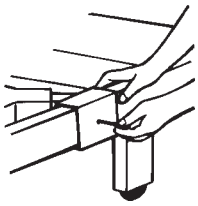


Figure 6

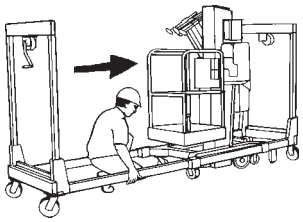


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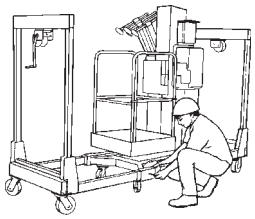


Figure 8

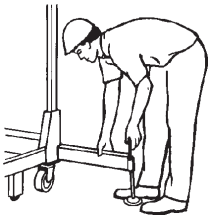


Figure 9

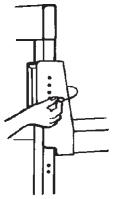


Figure 10

Positioning, Raising and Leveling

Raise the straddle platform just enough to lift the Genie AWP casters off the ground by turning each winch handle in a clockwise rotation. This machine is equipped with interlocks that prevent the raising of the straddle platform unless all four outriggers are installed.

Push the Super-Straddle into position next to the object to be straddled. Two people are required to position the Super-Straddle if the ground surface is sloped.

Lock the swivel casters closest to the object to be straddled in the desired direction of travel.

Adjust the outrigger screw jacks so that the pads are close to, but do not touch, the ground surface.

Raise the straddle platform to a level height just above the object to be straddled.

Install retaining pins at each corner of the Super-Straddle, and release tension on winch cable (figure 10).

Carefully push the Super-Straddle over the object to be straddled and apply all four swivel caster brakes. If the ground surface is sloped, set and lock the swivel casters at a right angle to the slope.

Adjust the outrigger screw jacks so that the pads are in firm contact with ground and use the bubble level on the Genie AWP to level the straddle platform.

Place the ladder on the Super-Straddle directly below the basket entry.

After Each Use

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

OPERATING INSTRUCTIONS



Assembly and Disassembly

To move the Super-Straddle through a doorway or set up after shipping, follow these instructions.

- Assemble/disassemble the Super-Straddle only on a firm level surface.
- Two people are required to safely maneuver and support Super-Straddle components through this procedure.
- Do not allow Super-Straddle components to drop.
- No tools are needed.

Assembly

Apply caster brakes. Set caster swivel locks parallel to the straddle platform tubes.

Both winch cables must be fully lowered.

Be sure that the telescoping tubes are inserted and pinned to the same length in the straddle platform.

Move the end frame marked ‘Base Frame’ to the end of the straddle platform nearest the cross member.

One person must support the end frame while the other attaches it to the straddle platform. The winch handle should point away from the machine.

Position wear pads and attach each one with the supplied bolts, washers and wing nuts (figure 1).

Move the end frame marked ‘Telescoping Base Frame’ to the other end of the straddle platform and repeat two previous steps.

Make sure that all wing nuts are tight.

Disassembly

Apply caster brakes. Set caster swivel locks parallel to the straddle platform tubes.

The straddle platform must be fully lowered.

Select an end. While one person supports the end frame, the other can remove the bolts and wear pads, then carefully set the straddle platform on the ground.

Set the end frame aside, then repeat previous step for the opposite end frame.

Keep the bolts, washers, wing nuts and wear pads together.

Passing Through Doorways

Complete the disassembly procedure.

Release caster brakes and carefully roll each end frame through the doorway to the assembly area.

Remove telescoping tubes from the straddle platform and carry them to the assembly area.

Two people should carefully lift the straddle platform onto its side casters and roll it through the doorway (figure 2).

Follow assembly procedure.

Figure 1

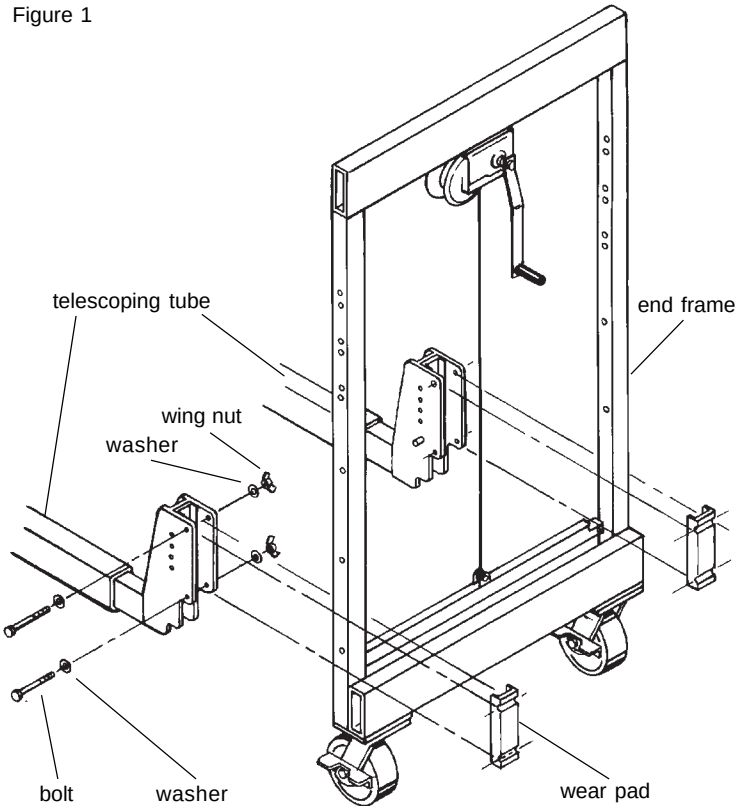
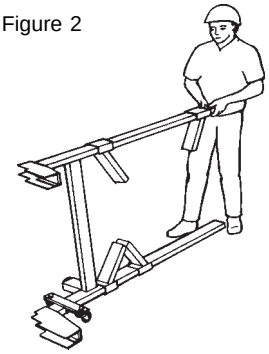


Figure 2

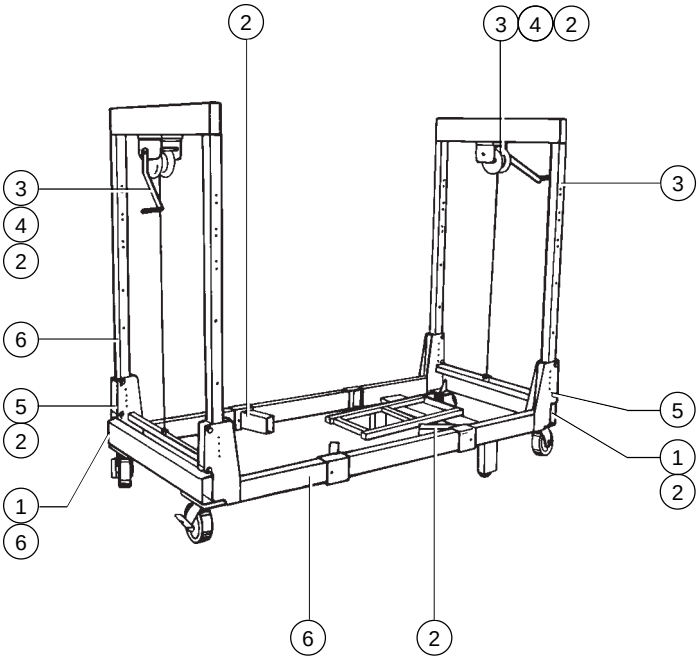


Maintenance Inspection



Observe and Obey:

- Maintenance inspection shall be completed daily by a person trained and qualified on the maintenance of this machine.
- Immediately tag and remove from service a damaged or malfunctioning machine.
- Repair any machine damage or malfunction before operating machine.



Perform frequent and annual machine inspections (every 3 months and every 12 months respectively). Keep records for three years.

Daily Check List

Make copies of this checklist to use for each inspection.

☐ — Inspect all decals and placards for damage and legibility (see *Decals*, page 9).

☐ 1 Inspect and test outrigger interlock system.

☐ 2 Inspect for cracked welds and damaged, loose or missing parts. A retaining pin should be attached to each straddle socket and each corner of the straddle platform.

☐ 3 Check winches for proper operation and lubrication.

☐ 4 Check cables for kinks, frays, abrasions or physical damage.

☐ 5 Check wear pads for excessive wear or improper adjustment.

☐ 6 Check that all structural and other critical components are present and all fasteners and pins are in place and properly tightened.

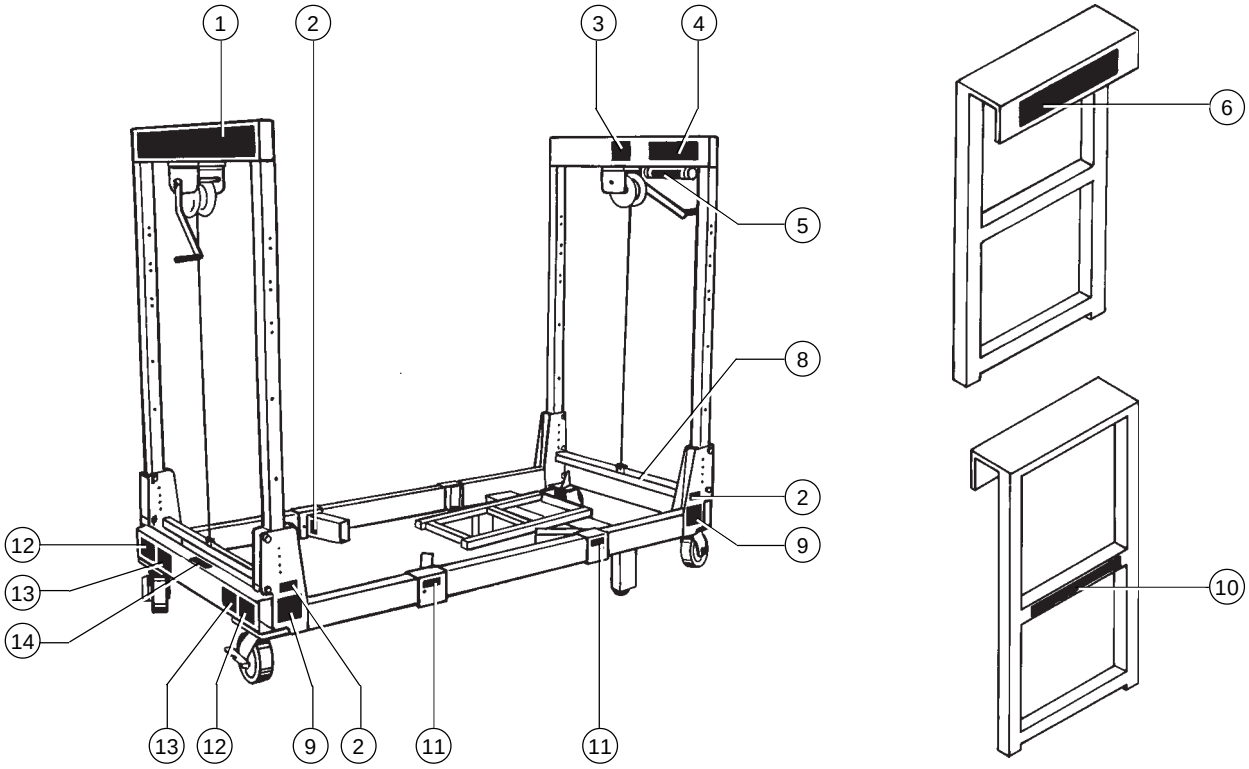
Inspected by: _____

Date: _____

Serial number: _____

Decals

Index No.	Part No.	Quantity	Description	Index No.	Part No.	Quantity	Description
1	28425	2	'Danger/Notice - Safety/ Operating Instruction'	9	28423	4	'Danger - Install Pins'
				10	28431	1	'Danger - Install Outriggers' (ladder)
2	28374	8	'Retaining Pin'				
3	28421	2	'Notice - Winch Lubrication'	11	28429	4	'Straddle Socket'
4	28432	2	'Notice - Footprint'	12	28430	4	'Danger - Install Outriggers'
5	23725	1	'Danger - Failure To Read Manuals'	13	28426	4	'Caution - Component Damage Hazard'
6	28424	1	'Notice - Ladder Storage'	14	28427	1	'Telescoping Base Frame'
8	28428	1	'Base Frame'				



Specifications

Dimensions, unit (l x w x h)	U.S.-inches	109 x 37 x 70
	Metric-cm	277 x 94 x 178
Dimensions, adjustable length	U.S.-inches	103 to 128
	Metric-cm	262 to 325
Straddle clearance height, maximum	U.S.-inches	48
	Metric-cm	122
Dimensions, storage	U.S.-inches	80 x 37 x 24
	Metric-cm	203 x 94 x 61
Lifting system		Dual winch
Caster diameter (four 4-position swivel-lock with brake)	U.S.-inches	6
	Metric-cm	15.2
Adjustable outriggers (from Genie AWP)		Four required
Load capacity of Super-Straddle equals the load capacity of the Genie AWP being used		
Weight	U.S.-lbs	455
	Metric-kg	206

Continuous improvement of our products is a Genie policy.

Product specifications are subject to change without notice or obligation.

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