
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 function tests prior to use.
- 4 Inspect the workplace.
- 5 Only use the machine as it was intended.

- You read, understand and obey:

Manufacturer's instructions and safety rules—safety and operator's manuals and machine decals

employer's safety rules and worksite regulations

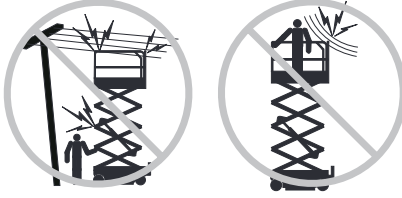
applicable governmental regulations

- You are properly trained to safely operate the machine.

SAFETY RULES

Electrocution Hazards

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



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

Voltage Phase to Phase	Minimum Safe Approach Distance	
	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

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

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

Do not operate the machine during lightning or storms.

Do not use the machine as a ground for welding.

Tip-over Hazards

Occupants and equipment must not exceed the maximum platform capacity or the maximum capacity of the platform extension.

Maximum capacity - GS-2032

Platform retracted	800 lbs	363 kg
Platform extended - Platform only	550 lbs	249 kg
Platform extended - Extension only	250 lbs	113 kg
Maximum occupants - ANSI and CSA	2	
Maximum occupants - CE and Australia	2	
Indoor use only	1	
		2



800 lbs / 363 kg



Extension only 250 lbs / 113 kg
Platform only 550 lbs / 249 kg

Maximum capacity - GS-2632

Platform retracted	500 lbs	227 kg
Platform extended - Platform only	250 lbs	113 kg
Platform extended - Extension only	250 lbs	113 kg
Maximum occupants - ANSI and CSA	2	
Maximum occupants - CE and Australia	2	
Indoor use only	1	
		2



500 lbs / 227 kg



Extension only 250 lbs / 113 kg
Platform only 250 lbs / 113 kg

SAFETY RULES

Maximum capacity - GS-2046

Platform retracted	1200 lbs	544 kg
Platform extended - Platform only	950 lbs	431 kg
Platform extended - Extension only	250 lbs	113 kg
Maximum occupants	2	



1200 lbs / 454 kg



Extension only 250 lbs / 113 kg
Platform only 950 lbs / 431 kg

Maximum capacity - GS-2646

Platform retracted	1000 lbs	454 kg
Platform extended - Platform only	750 lbs	340 kg
Platform extended - Extension only	250 lbs	113 kg
Maximum occupants - CE	2	
Maximum occupants - Australia	1	
Outdoor use	1	
Indoor use only	2	



1000 lbs / 454 kg



Extension only 250 lbs / 113 kg
Platform only 750 lbs / 340 kg

Maximum capacity - GS-3246

Platform retracted	700 lbs	318 kg
Platform extended - Platform only	450 lbs	204 kg
Platform extended - Extension only	250 lbs	113 kg
Maximum occupants - ANSI and CSA	2	
Maximum occupants - CE and Australia	1	
Outdoor use	1	
Indoor use only	2	



700 lbs / 318 kg



Extension only 250 lbs / 113 kg
Platform only 450 lbs / 204 kg

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



Do not depend on the tilt alarm as a level indicator. The tilt alarm sounds on the chassis only when the machine is on a slope.

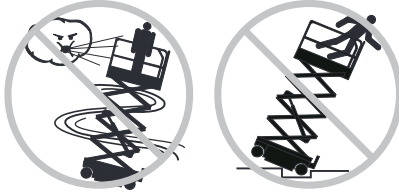
If the tilt alarm sounds: Lower the platform. Move the machine to a firm, level surface. If the tilt alarm sounds when the platform is raised, use extreme caution to lower the platform.

Do not alter or disable the limit switches.

Do not drive over 0.5 mph / 0.7 km/h with the platform raised.

SAFETY RULES

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 drive the machine on or near uneven terrain, unstable surfaces or other hazardous conditions with the platform raised.

Use extreme care and slow speeds while driving the machine in a stowed position across uneven terrain, debris, unstable or slippery surfaces and near holes and drop-offs.

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



Maximum allowable manual force

GS-2032	
ANSI & CSA - 2 person	120 lbs / 534 N
CE - Indoor use only - 2 person	120 lbs / 534 N
CE - Outdoor use - 1 person	45 lbs / 200 N

GS-2632	
ANSI & CSA - 2 person	100 lbs / 445 N
CE - Indoor use only - 2 person	100 lbs / 445 N
Australia - Indoor use only - 2 person	90 lbs / 400 N

GS-2046	
ANSI & CSA - 2 person	180 lbs / 801 N
CE - Indoor use only - 2 person	180 lbs / 801 N
CE - Outdoor use - 2 person	90 lbs / 400 N

GS-2646	
ANSI & CSA - 2 person	150 lbs / 667 N
CE - Indoor use only - 2 person	150 lbs / 667 N
CE - Outdoor use - 2 person	90 lbs / 400 N
Australia - Indoor use only - 2 person	120 lbs / 534 N
Australia - Outdoor use - 1 person	45 lbs / 200 N

GS-3246	
ANSI & CSA - 2 person	105 lbs / 467 N
CE & Australia - Indoor use only - 2 person	105 lbs / 467 N
CE & Australia - Outdoor use - 1 person	45 lbs / 200 N

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

Do not place or attach fixed or 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 modify or alter an aerial work platform. Mounting attachments for holding tools or other materials onto the platform, toeboards or guard rail system can increase the weight in the platform and the surface area of the platform or the load.

SAFETY RULES

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

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

Be sure all tires are in good condition, castle nuts are properly tightened and cotter pins are properly installed.

Do not use batteries that weigh less than the original equipment. Batteries are used as counterweight and are critical to machine stability. Each battery must weigh 65 pounds / 30 kg.

Do not use the machine as a crane.

Do not push the machine or other objects with the platform.

Do not contact adjacent structures with the platform.

Do not tie the platform to adjacent structures.

Do not place loads outside the platform perimeter.

Do not operate the machine with the chassis trays open.

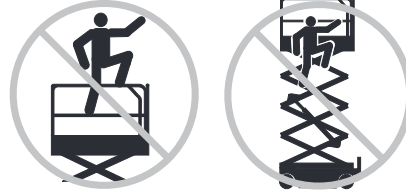
Do not use the platform controls to free a platform that is caught, snagged or otherwise prevented from normal motion by an adjacent structure. All personnel must be removed from the platform before attempting to free the platform using the ground controls.

Fall Hazards



Occupants should wear a safety belt or harness and comply with applicable governmental regulations. 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 climb down from the platform when raised.

Keep the platform floor clear of debris.

Attach the platform entry chain or close the entry gate before operating.

Do not operate the machine unless the guard rails are properly installed and the entry is secured for operation.

SAFETY RULES

Collision Hazards

Be aware of limited sight distance and blind spots when driving or operating.

Be aware of the extended platform position when moving the machine.

The machine must be on a level surface or secured before releasing the brakes.

It is recommended that operators wear an approved hard hat when operating the machine.

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



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

Observe and use the color-coded direction arrows on the platform controls and platform decal plate for drive and steer functions.

No stunt driving or horseplay while operating a machine.

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



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

Do not operate a machine in the path of any crane or moving overhead machinery unless the controls of the crane have been locked out and/or precautions have been taken to prevent any potential collision.

Crushing Hazards

Keep hands and limbs out of scissors.

Use common sense and planning when operating the machine with the controller from the ground. Maintain safe distances between the operator, the machine and fixed objects.