

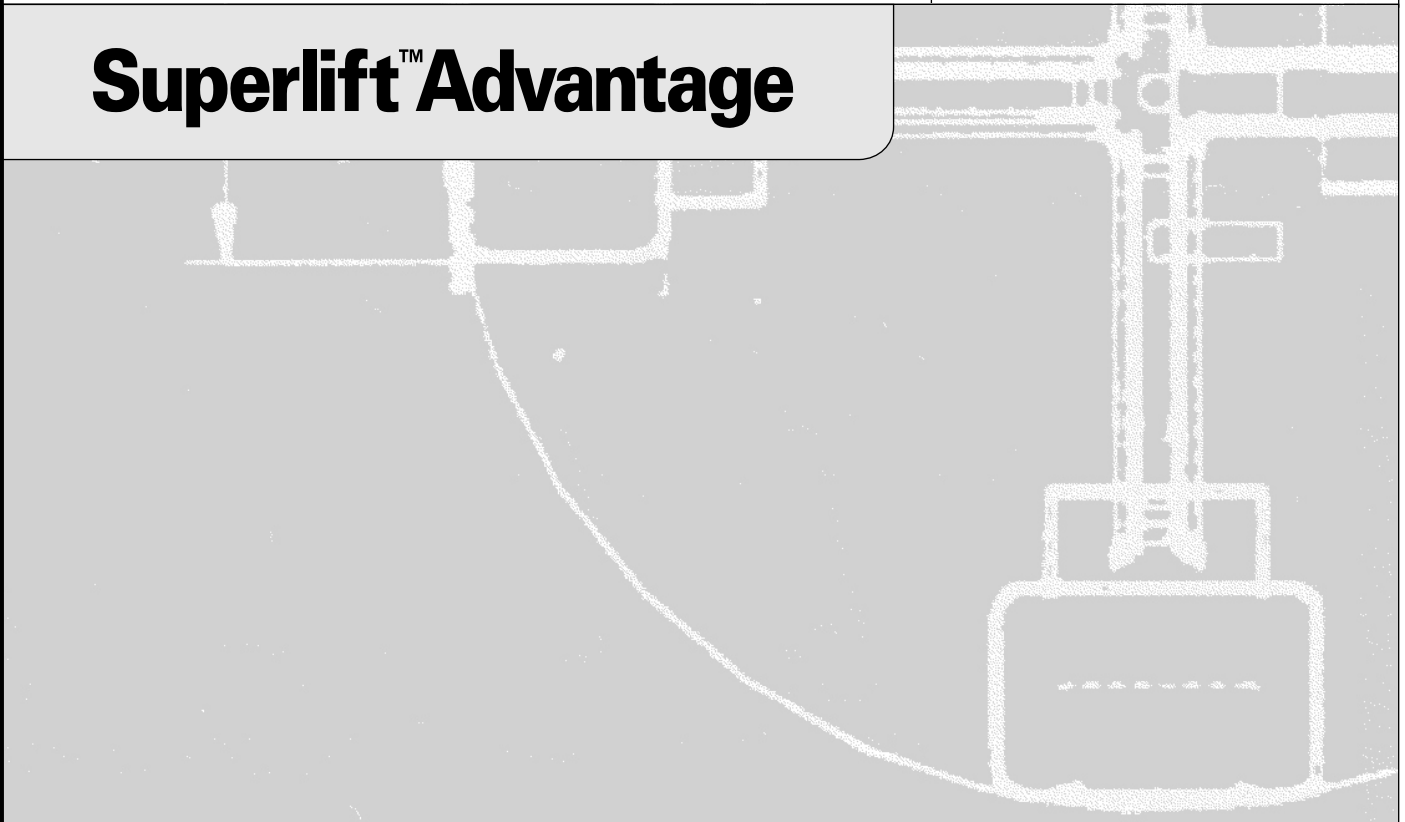
# Genie®



## Operator's Manual

Third Edition  
Second Printing  
Part No. 97550

## Superlift™ Advantage



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## 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 should be 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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# Safety Rules



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## Warning

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

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## 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

**Fall Hazards**

Do not use the machine as a personnel lifting platform or step.

Do not stand on the load handling attachments.

Do not climb on the mast.

**Tip-over Hazards**

Do not raise the load unless the stabilizers (if equipped) and legs have been fully lowered and locked and the casters are in full contact with the ground.

Do not raise the load unless the leg retainer pins are properly inserted through the leg and the base.

Do not remove the leg retainer pins while the machine is loaded and/or raised.

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



Do not raise the load unless the load handling attachment is properly secured to the machine.

Do not use blocks to level the machine.

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

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



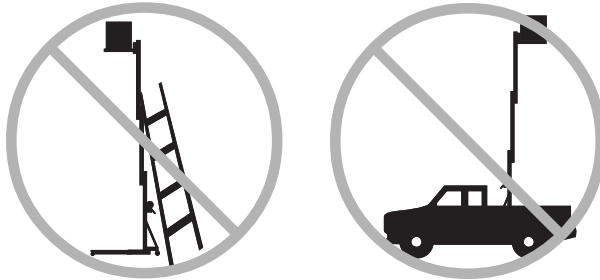
Do not leave a load raised when windy conditions may occur unless the machine(s) are properly guy-wired.

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

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

**SAFETY RULES**

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



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

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

Avoid debris and uneven surfaces while rolling a Genie Superlift with the legs folded up.

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

Do not use a straddle base or the flat forks on an SLA-20 or an SLA-25.

**Lifting Hazards**

Use proper lifting techniques to load or tip the machine.

Use proper lifting techniques when installing or removing the load handling attachments.

**Electrocution Hazards**

This machine 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. Personnel must not touch or operate the machine until power lines are shut off.

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

Voltage	Minimum Safe Approach Distance	
	Feet	Meters
Phase to Phase		
0 to 300V	Avoid Contact	
300V to 50KV	10	3.1
50KV to 200KV	15	4.6
200KV to 350KV	20	6.1
350KV to 500KV	25	7.6
500KV to 750KV	35	10.7
750KV to 1000KV	45	13.7

Allow for mast movement and electrical line sway or sag, and be aware of strong or gusty winds.

Do not use the machine as a ground for welding.

**Bodily Injury Hazard**

Do not grasp the cable.

## SAFETY RULES

**Crushing Hazards**

Do not raise if the load is not properly centered on the load handling attachment.

Do not raise unless the load is properly secured to the load handling attachment.

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

Do not stand under the load. The safety brake system (if equipped) will allow the load to drop 1 to 3 feet / 30 to 92 cm before locking the columns.



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

Keep hands and fingers away from folding legs and other potential pinch points.

Maintain a firm grasp on the stabilizer when the lock plates are released. The stabilizer will drop.

Maintain a firm grasp on the leg when the retaining pin is removed. The leg will drop.

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

**Adjustable Flat Forks**

Do not raise the load unless the snap pins are properly inserted in the forks.

**Fork Extensions**

Do not raise the load unless the fork extensions are properly secured to the forks.

**Collision Hazards**

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

Do not tilt the machine back unless the area is clear of personnel and obstructions.

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

Do not load for transport unless the machine and vehicle are on a level surface. Use proper lifting techniques to load the machine.

















































