

STANDARD OPERATING PROCEDURES

Boom Lift

DO NOT use this equipment unless you have received authorization from the Shop Coordinator



Hard hat must be worn at all times.



Fall protection harness must be worn at all times.



Sturdy, safety-toed work boots must be worn at all times.



Eye protection must be worn.

Potential Hazards and Injuries

- Struck by falling objects
- Crushing
- Tipping and rolling over
- Falls
- Driving into bystanders/other workers
- Electrocutation / Electric Shock
- Respiratory Hazard (Fumes)

Pre-Operational Safety Checks

- Inspect the entire work area and all ground conditions where the machine will travel during operation.
- Ensure load on platform is secure and evenly distributed.
- Drive only on ground capable of supporting its weight (no potholes, floor hole covers or soft spots.)
- Be careful of the load swinging. All hoists must be inspected and certified annually.
- Inspect all power and extension cords.
- Ensure cords are protected from falling objects, pinch points, pedestrians or other traffic.
- Where equipped, extension cord must be plugged into the plug located at the base of the machine and then tools can run from the power outlet on the platform.
- Ensure floor of platform is kept clean, in good condition and intact.
- Avoid oil, grease and mud on boots on platform. Minimize the number of tools and supplies on the platform.
- Ensure that the operator's manual is on the lift

Safe Practices During Operation

- Barricade work area and place warning signs. Insulate power lines.
- Two (2) competent operators must be present at all times during operations of the lift; one as a lift operator and the other as a spotter.

- Clear all personnel from area before raising, lowering or slewing the platform.
- Look up and live** (before and during operation). Ensure sufficient clearance between the platform and overhead obstructions. Maintain mandatory clearances from overhead power lines. Ensure ample clearance above the platform to cater for any unexpected amplified upward platform movement.
- Keep body parts away from moving parts of the lift.
- Remain within the confines of the lift platform when operating.
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- Attach personal fall harness with lanyard to the designated anchor point.
- Ensure all safety devices such as audible and visual alarms are operating.
- Clearly define the work area. Keep all personnel clear. Avoid congested work areas.
- Always maintain a good foot and hand hold when entering or exiting the platform.
- Ensure that the lift is used in a well ventilated area. If working in poorly ventilated areas monitor exhaust fumes at regular intervals.

DON'T

- Do not exceed Manufacturer's rated capacity of lift.
- Do not perform work that will subject the boom to a side force (i.e. pushing/pulling on a fixed structure when working from the platform).
- Never enter or exit the platform when elevated.
- Do not operate the lift in unfavorable weather conditions such as high winds, rain, snow, etc.
- Never use ladders or boxes to gain extra height. Never stand on handrails to gain extra height.
- Do not pull cord around sharp edges or corners.
- Do not overload electrical circuit. Use GFCI protection.

SOP must be used in conjunction with an effective training program