

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 workplace.
- 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 manual.

Using the machine for any purpose other than lifting material is unsafe.

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 workplace inspection before using the machine.

Setup

Select an area that is firm, level and free of obstructions.

Follow the Setup procedures in the Function Tests section.

Raising and Lowering Load - Manual Winch

- 1 Center the load on the forks or load platform.
- 2 Raise the load by firmly grasping the winch handle and rotating it clockwise. Do not allow the cable to wind unevenly onto the winch drum.
- 3 Lower the load by firmly grasping the winch handle and rotating it counterclockwise. After lowering to the desired position, turn the winch handle clockwise (raise the load) $\frac{1}{4}$ turn to set the brake.

Raising and Lowering Load - Electric Winch

- 1 Center the load on the forks or load platform.
- 2 Connect the battery pack.
- 3 Pull out the red Emergency Stop button to the on position.
- 4 Push the up or down button on the hand controls for the desired direction of travel.

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Moving Machine with a Load

It is best to move the machine on the work site with no load. Moving a raised load should be restricted to positioning for loading and unloading. If it is necessary to move the machine with a raised load, understand and obey the following safety rules:

- Make sure the area is level and clear of obstructions.
- Make sure the load is centered on the forks or load platform.
- Avoid sudden starts and stops.
- Travel with the load in the lowest possible position.
- Keep personnel away from the machine and load.
- Do not tilt the machine back with a raised load.

Moving Machine on Stairs

It is best to move the machine on stairs using the optional stair glides. Moving the machine on stairs without the use of stair glides is not recommended. If it is necessary to move the machine on stairs, understand and obey the following safety rules:

- Do not move the machine on stairs when the machine is equipped with the 4 point caster option.
- Fully lower the load.
- Ease the machine over each stair. Maintain a firm grasp on the handle.
- Do not allow the machine to become unbalanced.
- Continue carefully up or down the stairs.
- Use the appropriate number of people and proper lifting techniques with heavy loads.
- Models with electric winch: Remove the battery pack.

After Each Use

To prepare the machine for storage, remove the forks and legs and reverse the winch handle. Refer to the Setup procedure.

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

Models with electric winch: Recharge the battery.