Strongway 880/1760-lb Electric Cable Hoist

Strongway Electric Cable Hoist Instruction Manual

Model: 880/1760-lb Electric Cable Hoist

1. Important Safety Information

Read and understand all safety warnings and instructions before operating this electric cable hoist. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Do not exceed the hoist's rated capacity: 880 lbs (single-line) or 1760 lbs (double-line).
- Ensure the mounting structure is capable of supporting the hoist and the maximum load.
- Keep hands and body clear of moving parts and the load path.
- Inspect the hoist, cable, and hooks for damage before each use. Do not use if damaged.
- Do not use the hoist for lifting people or as a lifting device for scaffolding.
- Ensure the power supply matches the hoist's requirements (120V/60 Hz).
- Avoid operating the hoist in wet or damp conditions.
- Do not leave the hoist unattended while under load.
- Disconnect power before performing any maintenance or adjustments.

2. Product Description and Features

The Strongway Electric Cable Hoist is designed for efficient and safe lifting of heavy loads in various industrial and home improvement applications. Its robust construction and powerful motor ensure reliable performance.



Overall view of the Strongway Electric Cable Hoist, showing the main unit, cable, hook, and wired remote control.



The hoist's versatile lifting capabilities, supporting 880 lbs with a single line and 1760 lbs with a double line configuration.

Key Features:

- **Rugged, efficient 120V/60 Hz hoist:** Designed for reliable and powerful lifting operations.
- **High Lifting Capacity:** Lifts loads up to 38ft. at speeds up to 33 FPM with a single line, or up to 19ft. with speeds up to 16 1/2 FPM with a double line.
- **Spring Shock Function:** Integrated spring shock absorber for enhanced safety and smooth operation.
- **Powerful 1.9 HP Motor:** Ensures long 10-minute duty cycles at 20% for demanding tasks.
- **Easy-Access 360° Swivel Hook:** Allows for attaching and removing loads easily from any angle, improving versatility.



Detail of the hoist's cable and hook system, emphasizing its high performance with 38/19 ft. lift capability.



View of the hoist's powerful 1.9 HP motor, designed for durability and consistent operation.



The 360° swivel hook, providing easy attachment and removal of loads from any direction.

3. Setup and Installation

Proper installation is critical for the safe and effective operation of your Strongway Electric Cable Hoist. Follow these steps carefully.

3.1 Mounting the Hoist

1. **Select a Suitable Location:** Choose a sturdy overhead beam or structure capable of supporting the hoist's weight plus the maximum intended load (1760 lbs). Consult a structural engineer if unsure.
2. **Secure Mounting Brackets:** Attach the hoist's mounting brackets securely to the chosen support structure using appropriate hardware (not included). Ensure all bolts are tightened to the manufacturer's specifications.
3. **Install the Hoist:** Carefully lift and attach the hoist unit to the mounted brackets. Double-check that it is firmly seated and all locking mechanisms are engaged.



The hoist unit securely mounted to an overhead beam, ready for operation.

3.2 Electrical Connection

- Ensure the power outlet is a grounded 120V/60 Hz supply.
- Plug the hoist's power cord into the dedicated outlet. Avoid using extension cords unless absolutely necessary, and if so, ensure they are rated for the hoist's power requirements.
- Verify that the remote control cable is securely connected to the hoist unit.

4. Operating Instructions

Familiarize yourself with the controls and operating procedures before lifting any loads.

4.1 Pre-Operation Checklist

- Confirm the hoist is securely mounted.
- Inspect the wire rope for kinks, fraying, or damage.
- Check the hook and safety latch for proper function.

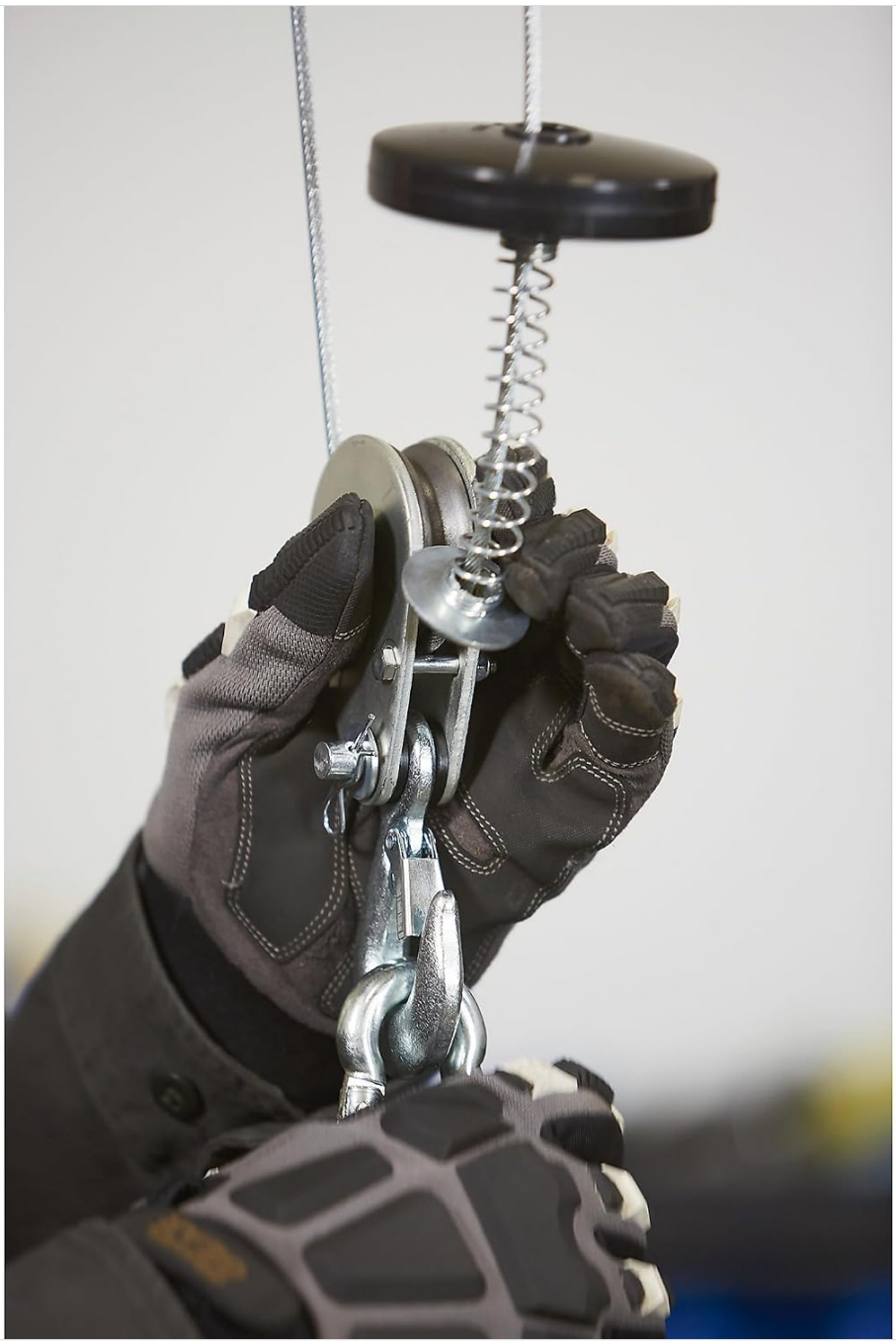
- Ensure the load is balanced and properly secured to the hook.
- Clear the area of personnel and obstructions.

4.2 Single-Line vs. Double-Line Operation

The hoist can be configured for single-line (880 lbs capacity, 38 ft lift) or double-line (1760 lbs capacity, 19 ft lift) operation using the included pulley block.



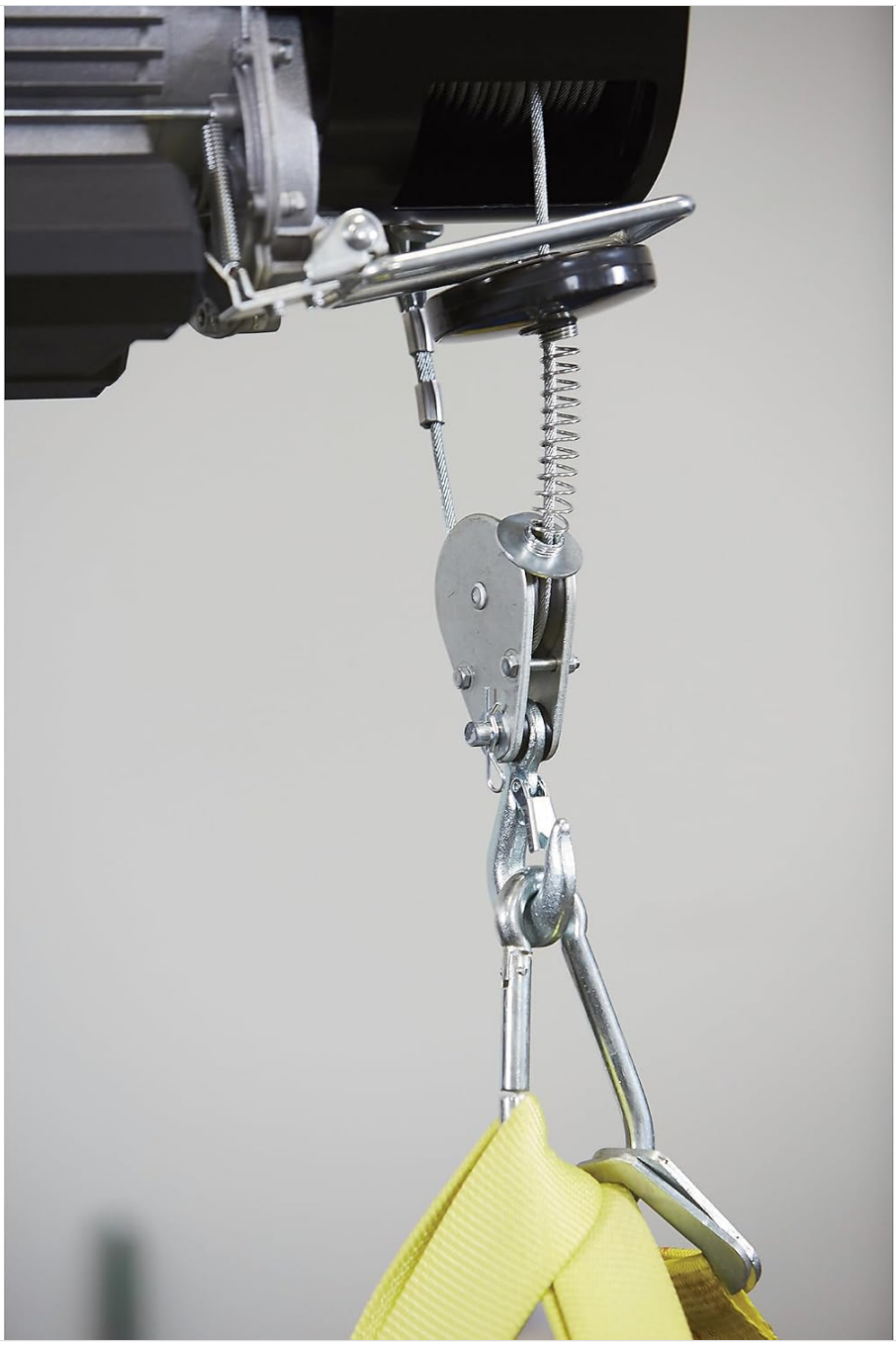
The hoist hook with the pulley block attached, demonstrating the setup for double-line lifting capacity.



A close-up of the hoist hook properly attached to a load, ready for lifting.

4.3 Lifting and Lowering Loads

1. **Attach Load:** Securely attach the load to the hoist hook. Ensure the safety latch is closed.
2. **Operate Remote Control:** Use the UP button on the remote control to slowly raise the load. Use the DOWN button to lower the load.
3. **Monitor Load:** Keep a constant eye on the load during operation. Ensure it remains stable and does not swing.
4. **Emergency Stop:** In case of an emergency, press the red emergency stop button on the remote control.
5. **Limit Switches:** The hoist is equipped with upper and lower limit switches to prevent over-travel of the hook. Do not rely solely on these; always monitor the load.



A user's hands demonstrating the operation of the hoist's remote control, showing the buttons for lifting and lowering.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your hoist. Always disconnect power before performing any maintenance.

- **Wire Rope Inspection:** Inspect the wire rope for wear, fraying, kinks, or corrosion before each use. Replace if any damage is found.
- **Hook and Latch:** Check the hook for deformation and ensure the safety latch operates freely and closes completely.
- **Lubrication:** Periodically lubricate moving parts as recommended in the detailed service manual (if applicable).
- **Cleaning:** Keep the hoist clean and free of dirt, dust, and debris.
- **Electrical Connections:** Periodically check all electrical connections for tightness and signs of wear.

6. Troubleshooting

This section provides solutions to common issues you might encounter with your Strongway Electric Cable Hoist.

Problem	Possible Cause	Solution
Hoist does not operate.	No power; Emergency stop button engaged; Motor overload protection activated.	Check power connection; Release emergency stop button; Allow motor to cool down.
Hoist operates slowly or struggles.	Overload; Low voltage; Worn motor brushes (if applicable).	Reduce load; Check power supply; Consult qualified technician for brush replacement.
Cable tangles or spools unevenly.	Improper load attachment; Damaged cable; Drum issue.	Ensure load is centered; Inspect and replace damaged cable; Contact service for drum issues.
Excessive noise during operation.	Lack of lubrication; Worn gears or bearings.	Lubricate moving parts; Contact service for internal component inspection.

7. Specifications

Detailed technical specifications for the Strongway Electric Cable Hoist.

Specification	Value
Brand	Strongway
Model	Electric Cable Hoist
Single-Line Capacity	880 lbs
Double-Line Capacity	1760 lbs
Single-Line Lift Height	38 ft
Double-Line Lift Height	19 ft
Single-Line Lift Speed	33 FPM (Feet Per Minute)
Double-Line Lift Speed	16.5 FPM (Feet Per Minute)
Motor Power	1.9 HP
Voltage	120V / 60 Hz
Duty Cycle	20% (10 minutes)
Package Dimensions	20.5 x 10 x 6 inches
Weight	43 Pounds

8. Warranty and Support

Strongway products are built to high-quality standards. For warranty information or technical support, please refer to the warranty card included with your product or visit the official Strongway website.

For further assistance, you may contact the seller, Northern Tool + Equipment, through their Amazon storefront or customer service channels.

Online Resources:

- Strongway Brand Store on Amazon
- Northern Tool + Equipment Seller Information

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