

[Manuals.plus](#) /

› [Happybuy](#) /

› Happybuy 440 lbs Lift Electric Hoist User Manual

Happybuy Electric Hoist 440 LBS,

Happybuy 440 lbs Lift Electric Hoist User Manual

MODEL: ELECTRIC HOIST 440 LBS, | BRAND: HAPPYBUY

Introduction and Key Features

The Happybuy 440 lbs Lift Electric Hoist is a robust and efficient tool designed for lifting heavy items in various environments such as garages, factories, warehouses, and verandahs. Its powerful motor and durable construction ensure reliable performance for both professionals and hobbyists.

Key Features:

- **14FT Wired Remote Control:** Designed for lifting items over long distances, allowing for easier and safer operation.
- **Two Modes of Operation:** Offers single line lift (220 lbs at 32 ft/min, max height: 39.4 ft) and double line lift (440 lbs at 16 ft/min, max height: 19.7 ft) for versatile use.
- **Powerful Motor:** Equipped with a high-quality 480W copper motor for strong power and a large cooling fan to prevent overheating.
- **Easy to Install:** Can be directly hanged on the ceiling using metal or solid wooden strips. Features an emergency stop switch and electromagnetic braking system for safety.
- **Multiple Applications:** Ideal for repairing boats, cars, lawn mowers, golf carts, home decor, engines, boulders, trees, and more.

Setup and Installation

Proper installation is crucial for the safe and efficient operation of your electric hoist. Ensure the mounting surface is structurally sound and capable of supporting the maximum load capacity.

Mounting the Hoist:

The hoist can be mounted directly to a ceiling beam using the provided metal adjustable fixing rings. Ensure the bolts are securely tightened.

SATISFY YOUR LIFTING NEEDS

440lbs High Lifting Capacity

Single Cable



39.4ft Lifting Height
32 ft/min Lifting Speed

Double Cable



19.7ft Lifting Height
16 ft/min Lifting Speed

Figure 1: Electric hoist mounted to a ceiling beam using metal brackets, illustrating the secure attachment points.

Consider the product dimensions for proper placement and clearance:



Product Specifications

Lifting Load Capacity: **440 lbs / 200 kg**

Wire Length: **160 cm ± 1 cm**

Control Mode: **Wired Remote Control**

Product Weight: **10.95 kg**

Product Dimensions: **13.8 x 5.3 x 6.3 in / 35 x 13.5 x 16 cm**

Motor

Voltage: **120V**

Power: **480W**

Rated Rotation Speed: **2800rpm**

Rated Torque: **1.6Nm**

Figure 2: Product specifications and dimensions, including length, width, and height, crucial for installation planning.

Installation Overview Video:

Your browser does not support the video tag.

Video 1: This video provides an overview of the VEVOR Electric Hoist, demonstrating its features and showing aspects of its installation and use in various settings. It highlights the hoist's capabilities for different load capacities.

Detailed Product View Video:

Your browser does not support the video tag.

Video 2: A detailed display of the electric hoist, showcasing its components, robust structure, and features like the durable alloy steel sling and security latch hooks. It also demonstrates the handle switch and limit switch functionality.

Operating Instructions

The electric hoist offers flexible operation modes to suit different lifting requirements.

Remote Control Operation:

The hoist is controlled via a 14ft wired remote control, allowing you to operate it from a safe distance. The remote features intuitive up/down buttons and an emergency stop button.

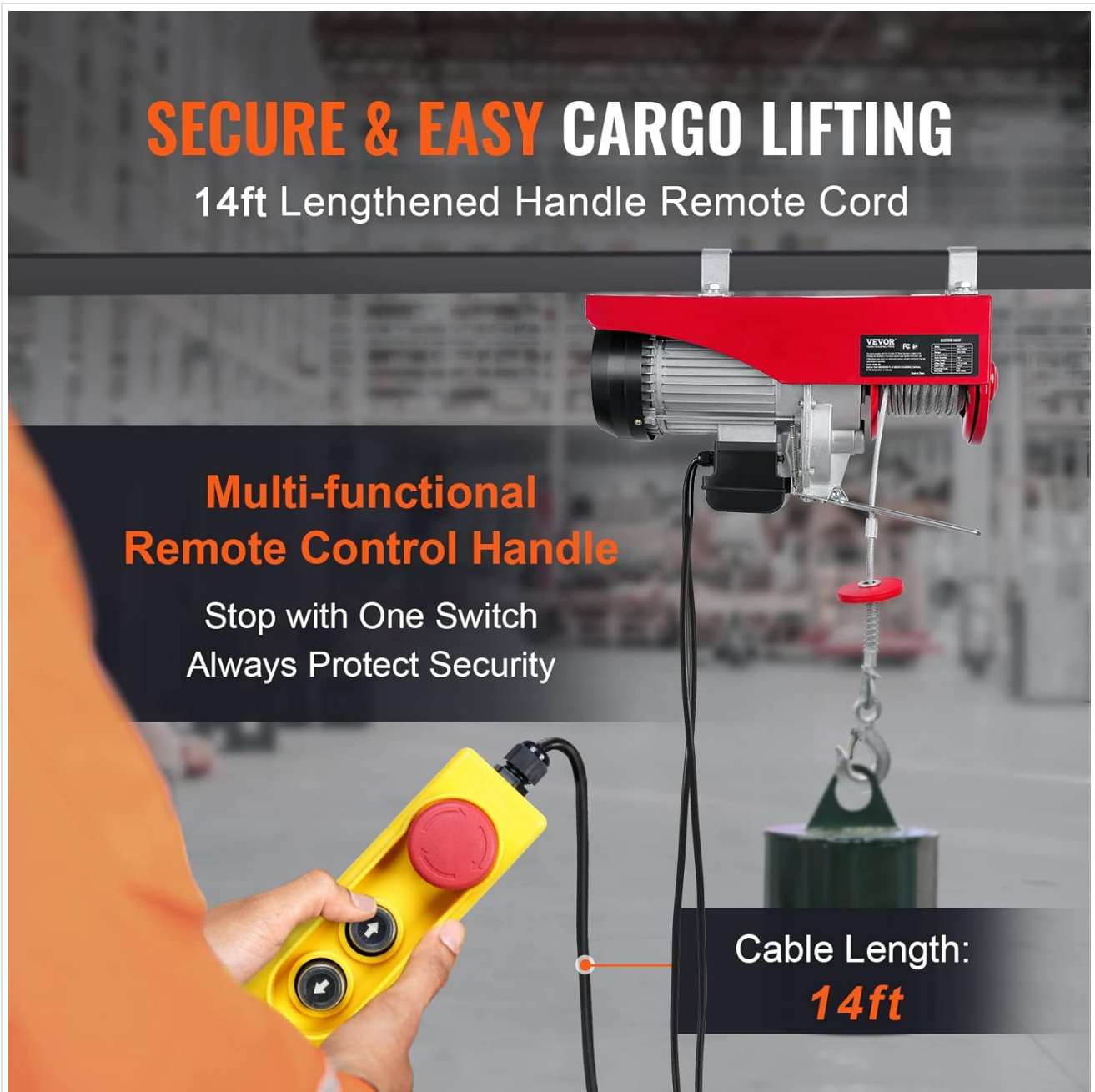


Figure 3: The 14ft wired remote control with up, down, and emergency stop buttons, designed for safe and convenient operation.

Single Line vs. Double Line Lifting:

Choose between single line and double line configurations based on the weight and desired lifting speed. For heavier loads, use the double line setup with the pulley hook.

- **Single Line Lift:** Maximum capacity of 220 lbs, lifting speed of 32 ft/min, and a maximum height of 39.4 ft.
- **Double Line Lift:** Maximum capacity of 440 lbs, lifting speed of 16 ft/min, and a maximum height of 19.7 ft.

POWERFUL MOTOR & PERFECT HEAT DISSIPATION

Pure Copper Motor & Air Cooling System



Cooling fan designed for cooling motor



Voltage

120V



Power

480W



Rated Rotation

2800rpm



Rated Torque

1.6Nm

Figure 4: Visual comparison of single cable and double cable lifting modes, showing the pulley hook for double line configuration and respective lifting capacities and speeds.

Operation Demonstration Video:

Your browser does not support the video tag.

Video 3: This video demonstrates the Happybuy Lift Electric Hoist in action, showcasing its lifting capabilities and ease of use for various applications.

Maintenance

Regular maintenance ensures the longevity and safe operation of your electric hoist.

- **Cable Inspection:** Periodically inspect the steel wire rope for any signs of wear, fraying, kinks, or corrosion. Replace the cable if any damage is observed.
- **Hook and Latch Check:** Ensure the hooks and their security latches are functioning correctly and are free

from deformation or damage.

- **Motor and Housing:** Keep the motor and main housing clean and free from dust and debris. Ensure proper ventilation for the cooling fan.
- **Lubrication:** Consult a qualified technician for periodic lubrication of moving parts as per industry standards for hoists.
- **Electrical Connections:** Verify all electrical connections are secure and free from damage.

Troubleshooting

If you encounter issues with your electric hoist, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Hoist does not operate	No power supply; Emergency stop engaged; Motor overheating.	Check power connection; Release emergency stop button; Allow motor to cool down.
Reduced lifting capacity	Overload; Worn cable; Incorrect line configuration.	Do not exceed rated capacity; Inspect and replace cable if worn; Ensure correct single/double line setup.
Unusual noise during operation	Lack of lubrication; Loose components; Internal motor issue.	Lubricate moving parts (consult technician); Tighten loose fasteners; Contact customer support for motor issues.

For persistent issues or complex repairs, it is recommended to contact qualified service personnel or Happybuy customer support.

Specifications

Detailed technical specifications for the Happybuy Electric Hoist 440 LBS:

Specification	Value
Manufacturer	Happybuy
Part Number	Electric Hoist
Item Weight	21.6 pounds
Product Dimensions	18 x 9 x 11.5 inches
Country of Origin	China
Item Model Number	Electric Hoist 440 LBS,
Color	440LBS

Specification	Value
Style	Transportation
Finish	Finished
Material	Cast Iron And Aluminum
Voltage	110 Volts
Item Package Quantity	1
Included Components	1 × Electric Hoist Crane Lift
Batteries Included?	No
Batteries Required?	No
Date First Available	October 9, 2016

Warranty and Support

Your Happybuy Electric Hoist is designed for durability and performance. For any questions or support needs, please refer to the following information:

- **Return Policy:** This product typically comes with a 30-day refund/replacement return policy. Please check your purchase details for specific terms.
- **User Manual (PDF):** A detailed PDF user manual is available for download. [Download User Manual \(PDF\)](#)
- **Manufacturer Support:** For technical assistance, warranty claims, or further inquiries, please contact Happybuy customer support directly.