

HARRINGTON CF005-10

Harrington CF005-10 1/2 Ton x 10 ft Chain Hoist User Manual

Model: CF005-10

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Harrington CF005-10 Chain Hoist. Before using the hoist, it is critical to read and understand all instructions and safety warnings contained herein. Failure to follow these instructions can result in serious injury, death, or property damage.

General Safety Warnings:

- **Never exceed the rated capacity** of 1/2 ton (1000 lbs). Overloading can cause hoist failure.
- **Inspect the hoist** thoroughly before each use. Check for damaged chains, hooks, or other components. Do not use if any damage is found.
- **Ensure the load is properly secured** and balanced before lifting.
- **Keep hands and body clear** of the load and moving parts during operation.
- **Wear appropriate personal protective equipment (PPE)**, including safety gloves and hard hats, when operating the hoist.
- **Do not use the hoist to lift people** or loads over people.
- **Avoid sudden jerking motions** when lifting or lowering. Operate smoothly.
- **Do not modify the hoist** in any way. Use only genuine Harrington replacement parts.
- **Store the hoist properly** when not in use, protecting it from environmental damage.

2. PRODUCT OVERVIEW AND COMPONENTS

The Harrington CF005-10 is a robust manual chain hoist designed for lifting and lowering loads up to 1/2 ton. It features a durable construction suitable for various industrial and commercial applications.



Image 1: Harrington CF005-10 Chain Hoist. This image displays the complete chain hoist assembly, including the main body, load chain, hand chain, and both upper and lower hooks. The hoist body is yellow, and the chains are black.

Key Components:

- **Hoist Body:** Contains the lifting mechanism.
- **Load Chain:** The chain that directly supports and lifts the load.
- **Hand Chain:** Used by the operator to manually lift or lower the load.
- **Upper Hook:** Attaches the hoist to a support structure.
- **Lower Hook:** Attaches to the load being lifted.
- **Safety Latches:** Located on both hooks to prevent accidental disengagement of the load or support.

3. SETUP AND INSTALLATION

1. **Select a Suitable Support Structure:** The overhead support beam or trolley must be capable of safely supporting the hoist's weight plus the maximum rated load (1/2 ton). Consult with a qualified engineer if unsure.
2. **Attach the Upper Hook:** Securely attach the hoist's upper hook to the chosen support structure. Ensure the safety latch is fully closed and engaged. The hook should be free to pivot.
3. **Inspect Chains:** Before first use, fully extend both the load chain and hand chain. Check for any twists, kinks, damage, or foreign material. Ensure the chain runs freely through the hoist mechanism.
4. **Test Operation (No Load):** Operate the hand chain to raise and lower the lower hook through its full range of motion without a load. Verify smooth operation and proper engagement of the braking mechanism.

4. OPERATING INSTRUCTIONS

Lifting a Load:

1. **Prepare the Load:** Ensure the load is stable, balanced, and within the hoist's 1/2 ton capacity.
2. **Attach the Lower Hook:** Securely attach the lower hook to the load. Use appropriate lifting slings or attachments. Ensure the safety latch on the lower hook is fully closed and engaged.
3. **Position Yourself:** Stand in a safe position, clear of the load and any potential pinch points.
4. **Lift the Load:** Pull the hand chain steadily downwards to raise the load. Observe the load carefully to ensure it remains stable and does not swing.

5. **Stop Lifting:** Release the hand chain to engage the brake and hold the load in position.

Lowering a Load:

1. **Prepare for Lowering:** Ensure the landing area for the load is clear and safe.
2. **Lower the Load:** Gently pull the opposite side of the hand chain (or the side that causes the load to descend) to slowly lower the load. Control the descent speed by varying the pull on the hand chain.
3. **Release the Load:** Once the load is safely on the ground or support, release tension and disengage the lower hook, ensuring the safety latch is opened.

5. MAINTENANCE

Regular maintenance is crucial for the safe and prolonged operation of your Harrington Chain Hoist. Perform inspections and lubrication as described below.

Daily/Pre-Use Inspection:

- Check load chain for wear, nicks, gouges, twists, or stretched links.
- Inspect hooks for deformation, cracks, or excessive wear. Ensure safety latches operate freely and close fully.
- Verify that the hand chain is free of kinks and operates smoothly.
- Examine the hoist body for any signs of damage, cracks, or loose fasteners.
- Test the braking mechanism by lifting a small test load and ensuring it holds securely.

Periodic Maintenance (Monthly/Quarterly, depending on usage):

- **Lubrication:** Apply a light coat of machine oil to the load chain. Consult the manufacturer's recommendations for internal lubrication points if disassembly is required (should only be done by qualified personnel).
- **Cleaning:** Clean the hoist exterior to remove dirt, dust, and debris.
- **Professional Inspection:** For heavy usage, consider professional inspection by a qualified technician at least annually.

Any damaged or worn parts must be replaced immediately with genuine Harrington replacement parts. Do not attempt to repair damaged chains or hooks.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hoist will not lift or lowers with difficulty.	Overload; kinked or twisted chain; brake malfunction; lack of lubrication.	Reduce load to within capacity; untwist chain; inspect brake (qualified personnel only); lubricate chain.
Load slips or drifts after stopping.	Brake wear or malfunction; internal mechanism issue.	Immediately cease use. Have the hoist inspected and repaired by qualified personnel.
Excessive noise during operation.	Lack of lubrication; worn gears; foreign object.	Lubricate moving parts; inspect for wear or obstructions.

If you encounter problems not listed here or if solutions do not resolve the issue, discontinue use immediately and contact Harrington customer support or a qualified service technician.

7. SPECIFICATIONS

- **Brand:** HARRINGTON
- **Model:** CF005-10
- **Type:** Manual Chain Hoist
- **Rated Capacity:** 1/2 Ton (1000 lbs)
- **Standard Lift (Chain Length):** 10 ft
- **ASIN:** B00KMRPSVM
- **Item Weight:** 0.01 ounces (Note: This weight is likely incorrect from the source data and refers to packaging or a specific component, not the full hoist. Refer to product packaging for actual weight.)

8. WARRANTY AND SUPPORT

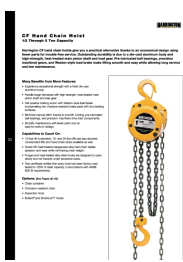
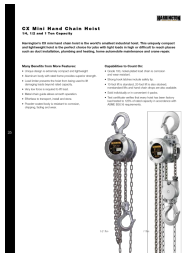
For specific warranty information regarding your Harrington CF005-10 Chain Hoist, please refer to the documentation included with your purchase or visit the official Harrington website. Warranty terms typically cover defects in materials and workmanship under normal use.

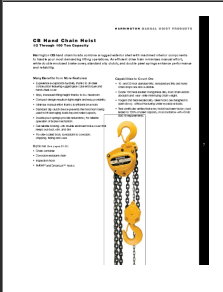
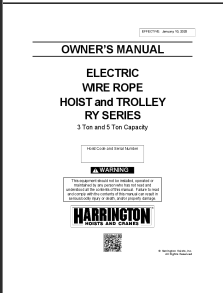

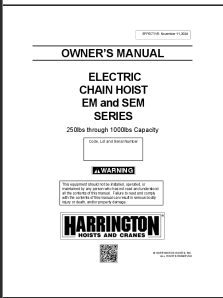
If you require technical assistance, replacement parts, or have questions not covered in this manual, please contact Harrington customer support directly. Ensure you have your model number (CF005-10) and purchase details available when contacting support.

Harrington Contact Information: Please refer to the manufacturer's official website or product packaging for the most current contact details.

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Related Documents - CF005-10

	<p>Harrington CF Hand Chain Hoist: 1/2 to 5 Ton Capacity - Features and Specifications</p> <p>Detailed overview of Harrington CF Hand Chain Hoists, covering features, benefits, specifications, and dimensions for capacities from 1/2 to 5 tons. Includes information on construction, load testing, and available options.</p>
	<p>Harrington CX Mini Hand Chain Hoist - 1/4, 1/2, and 1 Ton Capacities</p> <p>Explore the Harrington CX Mini Hand Chain Hoist, the world's smallest industrial hoist. This document details its compact design, superior strength, load limiter, and corrosion-resistant features. Specifications and dimensions for 1/4, 1/2, and 1-ton models are provided, including lift options and load capacities.</p>

	<p>Harrington CB Hand Chain Hoist: Specifications and Dimensions</p> <p>Detailed specifications and dimensional data for Harrington CB Hand Chain Hoists, covering capacities from 1/2 to 100 tons. Features include rugged construction, efficient drive train, and safety enhancements.</p>
	<p>Harrington RY Series Electric Wire Rope Hoist and Trolley Owner's Manual</p> <p>Comprehensive owner's manual for Harrington RY Series Electric Wire Rope Hoists and Trolleys, covering 3 Ton and 5 Ton capacities. Provides essential information on installation, operation, maintenance, safety warnings, technical specifications, and troubleshooting for industrial lifting applications.</p>
	<p>Harrington TEM/TSEM Series Electric Chain Hoist Owner's Manual</p> <p>Owner's manual for Harrington TEM and TSEM series electric chain hoists (500-1000 lbs capacity). Covers installation, operation, maintenance, safety, and troubleshooting.</p>
	<p>Harrington EM & SEM Series Electric Chain Hoist Owner's Manual</p> <p>Harrington EM and SEM Series electric chain hoists owner's manual detailing installation, operation, maintenance, safety warnings, and troubleshooting for models with 250lbs to 1000lbs capacity.</p>

Documents - HARRINGTON – CF005-10



[pdf] User Manual Datasheet Dimension Guide

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Dimensions cap tons product CF005 10 Datasheet UserFiles documents products Har rin gto |||
CF Hand Chain Hoist 1/2 through 5 Ton capacity Harrington CF hand chain hoists
give you a practical alternative thanks to an economical design using fewer parts for
trouble-free service. Outstanding durability is due to a die-cast aluminum body and
high-strength, heat-treated main pinion shaft and I...
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Series Fiberglass Step La ... lb. capacity Each 10500320 CX003-20 Manual Chain
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