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› [YATOINTO 1/2 Ton 1100lbs Chrome Mini Lever Block Chain Hoist Instruction Manual HSH-0.5T3M-C](#)

## YATOINTO HSH-0.5T3M-C

# YATOINTO 1/2 Ton 1100lbs Chrome Mini Lever Block Chain Hoist Instruction Manual

Model: HSH-0.5T3M-C

## 1. SAFETY INFORMATION

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**WARNING:** Failure to follow these safety instructions may result in serious injury or death.

- **Read the entire manual:** Understand all instructions and warnings before operating the hoist.
- **Rated Capacity:** Never exceed the rated capacity of 1100 lbs (0.5 ton). Overloading can cause equipment failure and severe injury.
- **Inspection:** Before each use, inspect the hoist, chain, hooks, and all components for damage, wear, or deformation. Do not use if any defects are found.
- **Secure Attachment:** Ensure both the suspension hook and load hook are securely attached to appropriate anchor points and loads. Hooks must be fully engaged and safety latches closed.
- **Load Stability:** Ensure the load is balanced and stable before lifting. Avoid swinging or sudden movements of the load.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety gloves and eye protection.
- **Clear Area:** Keep hands, feet, and other body parts clear of the chain and load during operation. Ensure bystanders are at a safe distance.
- **Avoid Shock Loading:** Do not drop or suddenly apply a load to the hoist. Lift and lower loads smoothly.
- **Environmental Conditions:** Do not use the hoist in corrosive environments, extreme temperatures, or where explosive atmospheres are present.
- **Maintenance:** Only qualified personnel should perform maintenance or repairs. Use only genuine replacement parts.
- **Storage:** Store the hoist in a clean, dry place away from direct sunlight and corrosive agents.

# CONTRAST



VS



- The special widened design of the hook's anti-release buckle is less likely to fall off than the ordinary anti-release buckle, which better protects the safety of the use process. ✓

- The hook of the anti-release buckle is narrow, heavy objects are easy to fall off, there are hidden dangers. ✗



VS



- Full weld technology solid and reliable ✓
- High-strength alloy steel material ✓
- Smooth and shiny, no burrs, no knots, no stuck chains ✓

- Easy to rust if not maintained regularly ✗
- Prolonged operation can lead to chain damage ✗
- The chain is prone to burrs and knots, resulting in chain jams ✗

Image: This image illustrates the difference between a standard hook and a safety hook with an anti-release buckle, highlighting the importance of secure load attachment. It also compares the quality of G80 alloy steel chain with a potentially rusty or inferior chain.

## 2. PRODUCT OVERVIEW

The YATOINTO Mini Lever Block Chain Hoist is a robust and compact manual lifting device designed for various applications requiring precise load handling. Its durable construction and safety features ensure reliable performance.

### Key Features:

- **Capacity:** Up to 1100 lbs (0.5 ton) with a 10ft (3m) chain length.
- **Durable Construction:** Features a chrome-plated alloy steel shell and G80 grade galvanized alloy steel chain for resistance to corrosion and wear. Equipped with forged safety 360° swivel hooks.
- **Enhanced Safety:** Incorporates a double pawl braking system and has passed 0.75T rated load tensile tests, improving security and reliability.

- **Versatile Applications:** Suitable for construction sites, warehouses, garages, shipyards, automotive facilities, workshops, installation tasks, mines, factories, and farms.
- **Convenient Design:** Small size with a ratchet puller hoist for operation in narrow spaces. Includes a storage bag for easy transport and use.
- **Streamlined Card Slot Design:** Ensures the chain fits correctly, providing exceptional performance and durability.
- **Smooth Handwheel:** Allows for quick take-up and positioning of slack chain in free-chaining mode.
- **High Hardness Housing:** Impact-resistant, stamped-steel housing designed to withstand rigorous use.



Capacity	Chain length	Net weight	Gross weight
0.5T	10FT	3.1KG	3.3KG

Image: This image provides a detailed look at the hoist's components, including the streamlined card slot design for the chain, the smooth handwheel for free-chaining, and the high-hardness housing, emphasizing the product's robust construction.

# APPLICATIONS



**Install a Chain-Link Fence**

**Tie down Goods**

**Lifting Heavy Objects**

**Towing Cars**

Image: This image displays several practical applications for the lever hoist, such as installing a chain-link fence, tying down goods, lifting heavy objects, and towing cars, demonstrating its versatility.

## 3. SPECIFICATIONS

Feature	Detail
Manufacturer	YATOINTO
Part Number	HSH-0.5T3M-C
Item Weight	7.78 pounds
Product Dimensions	5 x 10.2 x 5.5 inches
Model Number	HSH-0.5T3M-C

Feature	Detail
Size (Capacity/Chain Length)	1100Lbs/10Ft (0.5 Ton / 3 Meters)
Color	Chrome
Included Components	Chain Hoist, Storage Bag
Batteries Required?	No



# DETAILS

### STREAMLINED CARD SLOT DESIGN

- *The card slot fits the chain direction and can provides exceptional performance, durability and long life.*

### SMOOTH HANDWHEEL

- *Use hand wheel to put the hoist in free chaining mode, which allows for quick take up and positioning of slack chain.*

### HIGH HARDNESS HOUSING

- *Impact-resistant, stamped-steel housing withstands repeated rigorous use.*

Image: This image displays the YATOINTO Mini Lever Block Chain Hoist, providing visual context for its size and components. It also includes a table detailing capacity, chain length, net weight, and gross weight.

## 4. SETUP

1. **Unpacking:** Carefully remove the hoist from its packaging. Retain the storage bag for future use.

2. **Initial Inspection:** Before first use, thoroughly inspect the entire hoist for any signs of shipping damage. Check the chain for kinks, twists, or damaged links. Ensure hooks are not bent or cracked and that safety latches operate freely.
3. **Lubrication Check:** Verify that the chain and internal mechanisms are adequately lubricated. Apply a light machine oil if necessary, especially to the chain.
4. **Mounting:** Securely attach the upper suspension hook to a load-bearing anchor point that is rated for at least the hoist's capacity. Ensure the anchor point is stable and capable of supporting the intended load.
5. **Clearance:** Ensure there is sufficient clearance around the hoist and the load for safe operation and to prevent obstructions.

## 5. OPERATING INSTRUCTIONS

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The YATOINTO Mini Lever Block features a 3-speed dial for controlling lifting, lowering, and free-chaining modes.

### 5.1. Engaging the Load Hook

1. Ensure the hoist is in the 'N' (Neutral/Free-chaining) position on the 3-speed dial.
2. Use the handwheel to quickly pull the slack chain and position the load hook.
3. Attach the load hook securely to the item to be lifted. Ensure the safety latch is closed and the load is centered in the hook.

### 5.2. Lifting a Load

1. Move the 3-speed dial to the 'UP' position.
2. Operate the lever handle with smooth, steady strokes. The chain will retract, lifting the load.
3. Avoid jerky movements or excessive force. If the lever is difficult to operate, the load may be too heavy or there might be an obstruction. Do not force it.
4. Periodically check the stability of the load and the security of both hooks during lifting.

### 5.3. Lowering a Load

1. Move the 3-speed dial to the 'DOWN' position.
2. Operate the lever handle with smooth, controlled strokes. The chain will extend, lowering the load.
3. Maintain control of the load at all times. Do not allow the load to drop freely.

### 5.4. Free-Chaining Mode ('N' Gear)

- The 'N' (Neutral) position allows the chain to be pulled freely by hand without engaging the lifting mechanism. This is useful for quickly adjusting the chain length when there is no load.
- **Important:** Never engage the 'N' gear when a load is attached to the hoist. This can cause the load to drop suddenly.



Image: This image demonstrates the 360-degree rotation capability of the lever handle and illustrates the three positions of the speed dial: 'UP' for lifting, 'N gear' for neutral/free-chaining, and 'DOWN' for lowering.

Your browser does not support the video tag.

Video: This video demonstrates the YATOINTO Manual Lever Chain Hoist in operation, showcasing its lifting and lowering capabilities and how to use the lever mechanism. It provides a visual guide to the product's functionality.

## 6. MAINTENANCE

Regular maintenance is crucial for ensuring the longevity and safe operation of your YATOINTO Mini Lever Block Chain Hoist.

- **Routine Inspection:** Perform a thorough visual inspection before and after each use. Check for bent hooks, worn chain links, damaged housing, or any loose components.
- **Cleaning:** Keep the hoist clean and free from dirt, dust, and debris. Use a dry cloth to wipe down the exterior. For the chain, a stiff brush can remove accumulated grime.

- **Lubrication:** Periodically apply a light machine oil to the load chain and internal moving parts (if accessible without disassembly). This prevents rust and ensures smooth operation. Avoid over-lubrication, which can attract dirt.
- **Storage:** When not in use, store the hoist in its provided storage bag in a clean, dry, and well-ventilated area. Protect it from moisture, corrosive chemicals, and extreme temperatures.
- **Professional Servicing:** For any significant repairs, internal mechanism issues, or if you suspect damage that affects safety, contact qualified service personnel or the manufacturer. Do not attempt complex repairs yourself unless you are trained and authorized.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hoist not lifting/lowering	<ol style="list-style-type: none"> <li>1. Dial not in 'UP' or 'DOWN' position.</li> <li>2. Chain jammed or twisted.</li> <li>3. Overload.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure dial is correctly set.</li> <li>2. Inspect chain for obstructions; clear if safe. Never force.</li> <li>3. Reduce load to within rated capacity.</li> </ol>
Chain slips under load	<ol style="list-style-type: none"> <li>1. Worn or damaged braking mechanism.</li> <li>2. Excessive load.</li> <li>3. Insufficient lubrication on brake components.</li> </ol>	<ol style="list-style-type: none"> <li>1. Immediately cease operation. Do not use. Contact qualified service.</li> <li>2. Ensure load is within rated capacity.</li> <li>3. Contact qualified service for inspection and lubrication.</li> </ol>
Lever difficult to operate	<ol style="list-style-type: none"> <li>1. Load too heavy.</li> <li>2. Chain binding or twisted.</li> <li>3. Lack of lubrication.</li> </ol>	<ol style="list-style-type: none"> <li>1. Reduce load. Never force the lever.</li> <li>2. Inspect and clear chain.</li> <li>3. Lubricate chain and moving parts.</li> </ol>
Hooks not engaging properly	<ol style="list-style-type: none"> <li>1. Safety latches bent or obstructed.</li> <li>2. Hook deformation.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clear obstruction or repair/replace latch.</li> <li>2. Immediately cease operation. Do not use. Replace hook if deformed.</li> </ol>

**If you encounter any issues not listed here, or if solutions do not resolve the problem, discontinue use immediately and contact YATOINTO customer support.**

## 8. WARRANTY AND SUPPORT

YATOINTO products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your product or visit the official YATOINTO website. For technical support, replacement parts, or service inquiries, please contact YATOINTO customer service through their official channels. You can visit the YATOINTO Store for more information: [YATOINTO Store on Amazon](#)

