

Yato YT-2450

YATO YT-2450 Locking Pliers 7 inch (180 mm) Instruction Manual

Model: YT-2450

1. PRODUCT OVERVIEW

The YATO YT-2450 locking pliers are a versatile hand tool designed for gripping, clamping, and holding various materials. Constructed from durable CrMo steel, these 7-inch (180 mm) pliers provide strong, adjustable clamping force for a wide range of tasks, making them an essential tool for professionals and DIY enthusiasts.



Figure 1.1: YATO YT-2450 Locking Pliers in retail packaging. This image shows the YATO YT-2450 locking pliers packaged for retail, highlighting the model number, brand, size (180mm), and material (CrMo).



Figure 1.2: Side view of YATO YT-2450 Locking Pliers. This image displays the YATO YT-2450 locking pliers from a side angle, showing the overall design and the red handle grip.

2. SAFETY INFORMATION

Always observe the following safety precautions when using the YATO YT-2450 locking pliers:

- **Wear Eye Protection:** Always wear safety glasses or goggles to protect your eyes from flying debris.
- **Inspect Tool:** Before each use, inspect the pliers for any damage, wear, or loose parts. Do not use damaged tools.
- **Use Correct Tool:** Ensure the pliers are suitable for the task at hand. Do not use them for purposes other than gripping, clamping, or holding.
- **Maintain Grip:** Ensure a firm grip on the pliers and the workpiece to prevent slippage.
- **Keep Clear:** Keep hands and fingers clear of the jaws and locking mechanism to avoid pinching.
- **Store Safely:** Store tools in a dry, secure place, out of reach of children.

3. SETUP

1. **Unpack:** Carefully remove the YATO YT-2450 locking pliers from their packaging.
2. **Familiarize:** Identify the main components: the jaws, handles, locking lever, and the adjustment screw located at the end of one handle.
3. **Initial Adjustment:** Before first use, turn the adjustment screw to open and close the jaws to understand its function.



Figure 3.1: YATO YT-2450 Locking Pliers with adjustment screw visible. This image highlights the adjustment screw at the end of the handle, used to set the jaw opening and clamping pressure.

4. OPERATING INSTRUCTIONS

Follow these steps to effectively use your YATO YT-2450 locking pliers:

1. **Adjust Jaw Opening:** Turn the adjustment screw clockwise to decrease the jaw opening and increase clamping pressure, or counter-clockwise to increase the jaw opening and decrease pressure. Adjust until the jaws are slightly wider than the workpiece.
2. **Position Pliers:** Place the jaws around the workpiece you intend to grip or clamp.
3. **Engage Locking Mechanism:** Squeeze the handles together firmly. The pliers will lock into place, holding the workpiece securely. If the pliers do not lock, or if the grip is too loose/tight, release and readjust the screw.
4. **Release Pliers:** To release the pliers, push the small lever located on one of the handles. This will disengage the locking mechanism and open the jaws.



Figure 4.1: YATO YT-2450 Locking Pliers with jaws open. This image shows the pliers with their jaws in the open position, ready to grip a workpiece.



Figure 4.2: YATO YT-2450 Locking Pliers showing release lever. This image highlights the small lever on the handle used to quickly release the locking mechanism.

5. MAINTENANCE

- **Cleaning:** After each use, wipe the pliers clean with a dry cloth to remove dirt, grease, or debris. For stubborn grime, use a mild cleaner and ensure the tool is thoroughly dried afterwards.
- **Lubrication:** Periodically apply a light coat of machine oil to the pivot points and adjustment screw to ensure smooth operation and prevent rust.
- **Storage:** Store the pliers in a dry environment to prevent corrosion. Avoid storing in damp or humid conditions.

6. TROUBLESHOOTING

- **Pliers not holding securely:**
Solution: The adjustment screw may be set too loose. Turn the adjustment screw clockwise to tighten the jaw opening and increase clamping pressure until a secure grip is achieved.
- **Pliers difficult to release:**
Solution: The adjustment screw may be set too tight, or the mechanism might require lubrication. Try turning the adjustment screw slightly counter-clockwise to reduce pressure. If the issue persists, apply a small amount of lubricant to the pivot points and the release lever mechanism.

7. SPECIFICATIONS

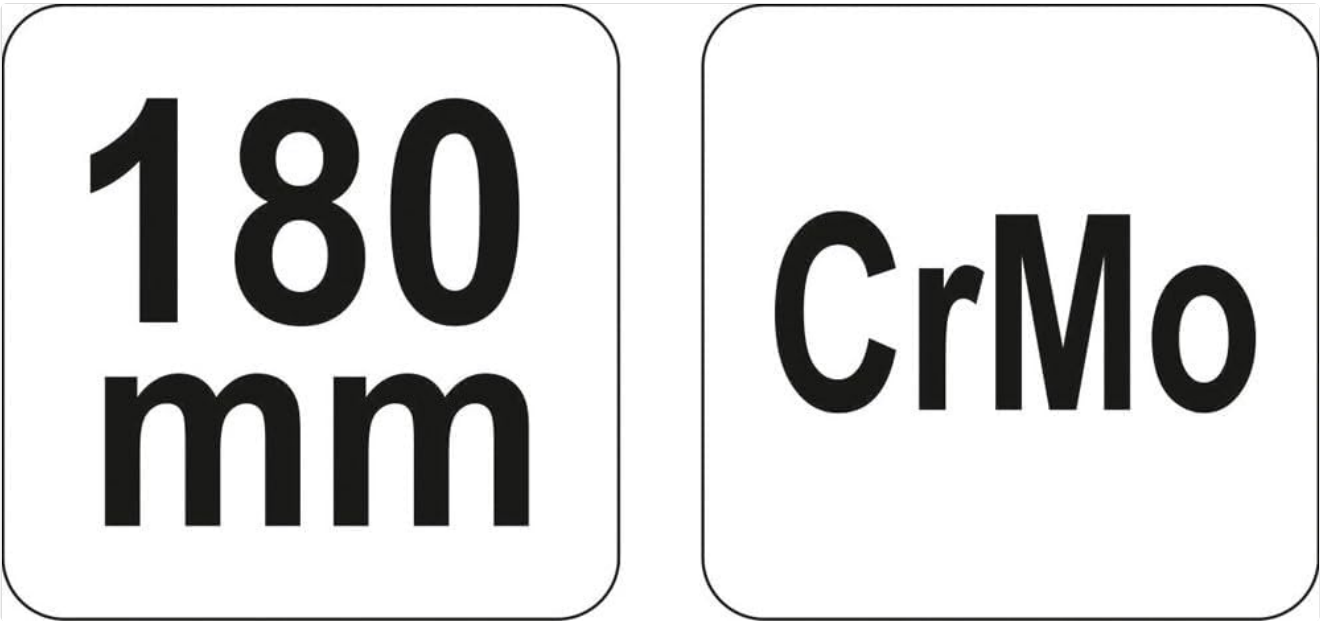


Figure 7.1: Close-up of YATO YT-2450 markings. This image shows the "180 mm" and "CrMo" markings on the pliers, indicating their size and material composition.

Feature	Detail
Brand	Yato
Model Number	YT-2450
Product Dimensions (L x W x H)	10 x 10 x 5 cm
Weight	372 grams
Size / Cutting Width	7 inches (180 mm)
Material	Chromium-Molybdenum Steel (CrMo)
Color	Silver with Red accents
ASIN	B01ERU7ZTW
International Article Code	05906083924507

8. WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about replacement parts, please refer to the documentation included with your purchase or contact Yato customer service directly. Contact details can typically be found on the official Yato website or on the product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question