

## Yato YT-3609

# Yato YT-3609 Hand Riveting Tool Instruction Manual

Model: YT-3609 | Rivet Sizes: 2.4mm - 4.8mm

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Yato YT-3609 Hand Riveting Tool. This tool is designed for installing blind rivets in various materials, suitable for professional applications. Please read this manual thoroughly before operating the tool and retain it for future reference.

## 2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury and damage to the tool:

- **Eye Protection:** Always wear approved safety glasses or goggles when operating the riveting tool. Rivet mandrels can break and eject at high speed.
- **Hand Protection:** Wear appropriate gloves to protect your hands from sharp edges and pinching hazards.
- **Work Area:** Ensure your work area is clean, well-lit, and free from obstructions. Keep bystanders away from the work area.
- **Tool Condition:** Inspect the tool before each use. Do not use if any parts are damaged, loose, or missing.
- **Correct Rivet Size:** Use only rivets that match the specified diameter range (2.4mm - 4.8mm) and the installed nose piece.
- **Proper Grip:** Maintain a firm grip on the tool handles during operation.
- **Storage:** Store the tool in a dry, secure place, out of reach of children.

## 3. PACKAGE CONTENTS

The Yato YT-3609 Hand Riveting Tool package typically includes:

- 1 x Yato YT-3609 Hand Riveting Tool
- Multiple interchangeable nose pieces (for various rivet diameters)
- 1 x Wrench (for changing nose pieces)



Figure 1: Yato YT-3609 Hand Riveting Tool shown with its retail packaging.

## 4. COMPONENTS OVERVIEW

Familiarize yourself with the main parts of the Yato YT-3609 Hand Riveting Tool:

1. **Handles:** Ergonomically designed for comfortable grip and leverage.
2. **Head Assembly:** Contains the jaw mechanism and nose piece attachment point.
3. **Nose Pieces:** Interchangeable tips that hold the rivet in place and are sized according to the rivet diameter.
4. **Spent Mandrel Collector:** A transparent container designed to catch the broken-off rivet mandrels.
5. **Wrench Holder:** A slot or clip on the tool to store the nose piece wrench.



*Figure 2: The Yato YT-3609 Hand Riveting Tool, illustrating its main components.*



*Figure 3: Detailed view of the tool's head assembly, showing the nose piece.*



*Figure 4: The transparent spent mandrel collector, located on the tool body.*

## 5. SETUP

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### 5.1 Selecting and Attaching the Nose Piece

The Yato YT-3609 tool supports rivets with diameters from 2.4mm to 4.8mm. It is crucial to select the correct nose piece that matches the diameter of the rivet you intend to use.

1. Identify the diameter of your rivet.
2. Select the corresponding nose piece from the included accessories. The nose pieces are typically marked with their respective diameters.
3. Unscrew the currently installed nose piece (if any) from the tool's head. Use the provided wrench if necessary.
4. Screw the correct nose piece firmly into the tool's head. Ensure it is tightened securely to prevent loosening during operation.

## 6. OPERATING INSTRUCTIONS

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Follow these steps for proper operation of the Yato YT-3609 Hand Riveting Tool:

1. **Prepare the Workpiece:** Drill a hole through the materials to be joined. The drill bit diameter should match the rivet body diameter precisely.
2. **Insert the Rivet:** Insert the rivet's body through the prepared hole. The rivet head should rest flush against the surface of the material.

3. **Load the Tool:** Insert the rivet's mandrel (the pin) into the nose piece of the riveting tool until it is fully seated.
4. **Position the Tool:** Place the nose piece firmly against the rivet head, ensuring the tool is perpendicular to the workpiece.
5. **Operate the Tool:** Squeeze the handles of the riveting tool together with firm, steady pressure. You will feel resistance as the tool pulls the mandrel, causing the rivet body to expand and form a blind head on the opposite side of the material. Continue squeezing until the mandrel snaps off with an audible "pop."
6. **Release and Eject:** Release the handles. The spent mandrel will typically fall into the transparent collector. If it does not, gently tap the tool or open the handles fully to allow it to drop.
7. **Inspect the Rivet:** Verify that the rivet is securely set and flush with the material surface.

**Note:** The Yato YT-3609 is designed for blind rivets with diameters of 2.4mm, 3.2mm, 4.0mm, and 4.8mm. Always use the correct nose piece for the rivet size.

## 7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your riveting tool.

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any dust, debris, or metal shavings.
- **Empty Mandrel Collector:** Regularly empty the transparent spent mandrel collector to prevent it from becoming overfilled and obstructing operation.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot points and jaw mechanism to ensure smooth operation. Avoid excessive lubrication.
- **Nose Piece Inspection:** Check nose pieces for wear or damage. Replace worn nose pieces to ensure proper rivet setting.
- **Storage:** Store the tool in a clean, dry environment to prevent rust and corrosion.

## 8. TROUBLESHOOTING

| Problem                                           | Possible Cause                                                                                              | Solution                                                                                                                                                     |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rivet not setting properly / Mandrel not breaking | Incorrect nose piece size;<br>Insufficient squeezing force;<br>Worn jaws; Rivet material too hard for tool. | Ensure correct nose piece is installed. Apply more force to handles. Inspect and replace jaws if worn. Ensure rivet material is compatible with a hand tool. |
| Mandrel does not eject after breaking             | Spent mandrel collector is full;<br>Mandrel stuck in jaws.                                                  | Empty the spent mandrel collector. Open handles fully and gently tap the tool to dislodge. Clean and lubricate jaws.                                         |
| Tool feels stiff or difficult to operate          | Lack of lubrication; Dirt or debris in mechanism.                                                           | Clean the tool thoroughly. Apply light machine oil to pivot points and jaw mechanism.                                                                        |

## 9. SPECIFICATIONS

| Feature                      | Detail                                                            |
|------------------------------|-------------------------------------------------------------------|
| Brand                        | Yato                                                              |
| Model Number                 | YT-3609                                                           |
| Rivet Diameter Compatibility | 2.4mm, 3.2mm, 4.0mm, 4.8mm                                        |
| Material                     | Metal body, Plastic handles                                       |
| Grip Type                    | Ergonomic                                                         |
| Item Weight                  | Approx. 992 grams (2.19 pounds)                                   |
| Product Dimensions           | Approx. 12.99 x 4.33 x 1.97 inches                                |
| Power Source                 | Hand Powered                                                      |
| Included Components          | 1 YT-3609 Hand Riveting Tool, interchangeable nose pieces, wrench |

## 10. WARRANTY AND SUPPORT

Specific warranty information for the Yato YT-3609 Hand Riveting Tool is not provided in this document. For details regarding warranty coverage, technical support, or replacement parts, please contact Yato customer service or refer to the official Yato website. Keep your purchase receipt as proof of purchase.

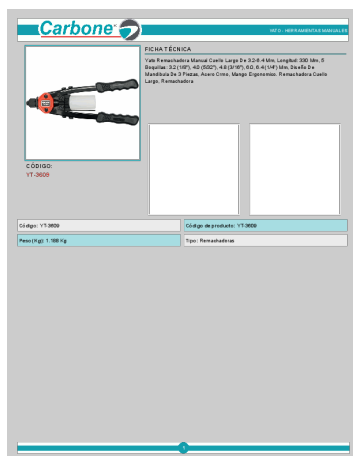
For further assistance, you may visit the official Yato website:[www.yato.com](http://www.yato.com)

### Related Documents - YT-3609

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|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><a href="#">YATO YT-09201 Pneumatic Stitching Machine - Operating Manual</a></p> <p>Comprehensive operating manual for the YATO YT-09201 pneumatic stitching machine, covering safety, technical data, operation, maintenance, and troubleshooting.</p>                                  |
|  | <p><a href="#">Instrukcja Obsługi Szlifierek Stołowych YATO YT-822100-YT-822112</a></p> <p>Instrukcja obsługi dla szlifierek stołowych marki YATO, modele YT-822100, YT-822103, YT-822107, YT-822110, YT-822112. Zawiera informacje o bezpieczeństwie, obsłudze, montażu i konserwacji.</p> |

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|  <p>YATO YT-828293<br/>YT-828294<br/>YT-828295</p> | <p><a href="#">YATO YT-828293/828294/828295 Instrukcja Obsługi Akumulatorowej Szlifierki Kątowej</a></p> <p>Oryginalna instrukcja obsługi dla akumulatorowej szlifierki kątowej YATO YT-828293, YT-828294, YT-828295. Zawiera szczegółowe informacje dotyczące bezpieczeństwa, użytkowania, konserwacji oraz dane techniczne.</p>               |
|  <p>YATO YT-828135<br/>YT-828136</p>               | <p><a href="#">YATO Pilarka Łańcuchowa Akumulatorowa YT-828135 / YT-828136 - Instrukcja Obsługi</a></p> <p>Instrukcja obsługi dla pilarki łańcuchowej YATO YT-828135 i YT-828136. Zawiera informacje o charakterystyce produktu, danych technicznych, instrukcjach bezpieczeństwa, obsłudze i konserwacji.</p>                                  |
|  <p>YATO YT-828137<br/>YT-828138</p>               | <p><a href="#">YATO Cordless Chainsaw YT-828137/YT-828138 User Manual</a></p> <p>Comprehensive user manual for the YATO Cordless Chainsaw models YT-828137 and YT-828138. This guide provides detailed instructions on operation, safety precautions, maintenance, and technical specifications for effective and safe use of the chainsaw.</p> |
|  <p>YATO YT-82812<br/>YT-82813</p>               | <p><a href="#">YATO YT-82812 / YT-82813 Pilarka Łańcuchowa Akumulatorowa – Instrukcja Obsługi</a></p> <p>Kompleksowa instrukcja obsługi dla akumulatorowych pił łańcuchowych YATO YT-82812 i YT-82813. Zawiera szczegółowe informacje o specyfikacji, bezpieczeństwie, obsłudze, konserwacji i przechowywaniu produktu.</p>                     |

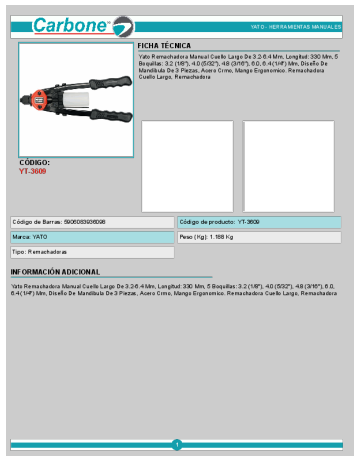
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