

## Yato YT-6751

# YATO YT-6751 360 Rotatable Cradle Type Caulking Gun User Manual

**MODEL: YT-6751**

**Brand: Yato**

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### 1. Introduction

This manual provides essential instructions for the safe and effective use, setup, operation, and maintenance of your YATO YT-6751 360 Rotatable Cradle Type Caulking Gun. Please read this manual thoroughly before operating the tool to ensure proper function and longevity.



Figure 1: The YATO YT-6751 360 Rotatable Cradle Type Caulking Gun.

## 2. Safety Instructions

Always observe the following safety precautions when using the caulking gun:

- Wear appropriate personal protective equipment, including safety glasses and gloves, to protect against contact with sealants or adhesives.
- Ensure the work area is well-ventilated, especially when using solvent-based sealants.
- Keep hands and fingers clear of moving parts, particularly the plunger rod and trigger mechanism.
- Do not modify the tool. Use it only for its intended purpose.
- Store the caulking gun in a dry, secure place, out of reach of children.

## 3. Product Components

The YATO YT-6751 caulking gun consists of several key components:

- **Cradle:** The U-shaped frame that holds the sealant cartridge. This model features a 360-degree rotatable cradle for versatile application angles.
- **Handle and Trigger:** The ergonomic handle provides a comfortable grip, and the trigger activates the plunger mechanism.
- **Plunger Rod:** The rod that pushes the cartridge plunger to dispense material.
- **Reverse Brake Mechanism:** A lever or button that releases pressure on the plunger rod, preventing excess material flow after the trigger is released.
- **Cartridge Puncture Tool/Nozzle Cutter:** (If applicable, check product for this feature. Not explicitly

stated but common).

#### 4. Setup

Follow these steps to prepare your caulking gun for use:

1. **Prepare the Cartridge:** Cut the tip of the sealant cartridge at a 45-degree angle to the desired bead size. For cartridges with an inner seal, use a puncture tool (if integrated into the gun) or a long nail to break the seal.
2. **Retract the Plunger Rod:** Press the reverse brake lever (typically located near the handle) and pull the plunger rod all the way back.
3. **Load the Cartridge:** Insert the prepared sealant cartridge into the cradle, nozzle end first. Ensure it sits securely.
4. **Engage the Plunger:** Push the plunger rod forward until it makes contact with the back of the cartridge plunger.



Figure 2: Loading a sealant cartridge into the caulking gun.

#### 5. Operating Instructions

To apply sealant or adhesive:

1. **Position the Nozzle:** Place the tip of the cartridge nozzle at the starting point of your application, at the desired angle.
2. **Apply Pressure:** Squeeze the trigger repeatedly and smoothly to dispense the material. Maintain consistent pressure and movement for an even bead.
3. **Utilize Rotatable Cradle:** The 360-degree rotatable cradle allows you to adjust the angle of the cartridge without repositioning your hand or the gun, providing flexibility for various application angles.

and tight spaces. Simply rotate the cradle to the desired orientation during application.

4. **Release Pressure:** When you finish a bead or need to pause, release the trigger and press the reverse brake lever. This action retracts the plunger slightly, stopping the flow of material and preventing drips.
5. **Smooth the Bead:** If necessary, use a caulking tool or a gloved finger to smooth the applied bead before it cures.

## 6. Maintenance

Proper maintenance ensures the longevity and performance of your caulking gun:

- **Cleaning:** After each use, remove the cartridge. Clean any excess sealant or adhesive from the gun, especially around the plunger rod and cradle. Use a solvent appropriate for the sealant type if necessary, following the sealant manufacturer's instructions.
- **Lubrication:** Periodically apply a light coat of machine oil to the plunger rod to ensure smooth operation and prevent rust.
- **Inspection:** Regularly inspect the gun for any signs of wear, damage, or loose components. Ensure all parts are screwed and riveted securely, as per the product's design.
- **Storage:** Store the clean and dry caulking gun in a cool, dry place.

## 7. Troubleshooting

Here are solutions to common issues you might encounter:

- **No Material Dispensed:**
  - Check if the cartridge tip is cut and the inner seal is punctured.
  - Ensure the plunger rod is fully engaged with the cartridge plunger.
  - Verify the cartridge material is not cured or too viscous.
- **Uneven Bead:**
  - Practice maintaining consistent trigger pressure and movement speed.
  - Ensure the cartridge tip is cut evenly and to the appropriate size.
- **Material Continues to Flow After Trigger Release:**
  - Ensure the reverse brake mechanism is functioning correctly. Press it firmly after releasing the trigger.
  - The material might be very fluid; allow a moment for pressure to dissipate.

## 8. Specifications

Feature	Specification
Brand	Yato
Model Number	YT-6751
Head Material	Alloy Steel
Handle Material	Aluminum
Color	Red, Black

Item Weight	0.55 Kilograms (1.21 pounds)
Product Dimensions	13.43 x 2.36 x 8.31 inches
Grip Type	Ergonomic
Style	German
Special Feature	360 Rotatable Cradle, Reverse Brake



Figure 3: Indication of 225mm dimension, relevant for cartridge size compatibility.

9. Warranty and Support

For warranty information, technical support, or service inquiries regarding your YATO YT-6751 caulking gun, please refer to the documentation included with your purchase or visit the official Yato website. Keep your proof of purchase for warranty claims.

