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› JY PERFORMANCE Timber Claw Hook DAC038 User Manual

## JY PERFORMANCE DAC038

# JY PERFORMANCE Timber Claw Hook DAC038 User Manual

Model: DAC038

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of the JY PERFORMANCE Timber Claw Hook, Model DAC038. This heavy-duty log grapple is designed for lifting and transporting logs, stumps, rocks, and other bulky materials with a maximum capacity of 2500 lbs and a 31-inch maximum jaw opening. It is compatible with various equipment including tractors, ATVs, trucks, and forklifts.

Please read this manual thoroughly before assembly, operation, or maintenance to ensure proper usage and to prevent injury or damage.

## 2. SAFETY INFORMATION

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

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and steel-toed boots, when operating or working near the Timber Claw Hook.
- Ensure the Timber Claw Hook is securely attached to the lifting equipment (tractor, ATV, forklift, etc.) before use. Verify compatibility with your equipment's hydraulic setup or lifting system.
- Do not exceed the maximum weight capacity of 2500 lbs. Overloading can cause equipment failure and severe injury.
- Maintain a safe distance from the load during lifting and transport. Keep bystanders clear of the work area.
- Inspect the Timber Claw Hook for any signs of damage, wear, or loose components before each use. Do not operate if damaged.
- Ensure the load is balanced and securely gripped by the claws before lifting. The aggressive 4-claw design provides a firm, non-slip grip on irregular logs.
- Operate lifting equipment slowly and smoothly to avoid sudden movements that could dislodge the load.
- Never lift loads over people or occupied vehicles.
- Store the Timber Claw Hook in a safe, dry place when not in use.

### 3. PRODUCT COMPONENTS

The JY PERFORMANCE Timber Claw Hook consists of the following main components:

- **Main Frame:** Heavy-duty steel construction, powder-coated orange for durability and rust resistance.
- **4-Claw Grapple Arms:** Designed to securely grip logs and other materials.
- **Reinforced Connections:** Screw-reinforced pivot points for strength and smooth operation.
- **360° Rotating Hook:** Allows for flexible positioning and attachment to various lifting systems.



Image 3.1: The Timber Claw Hook in operation, demonstrating its grip on a log.

# Timber Claw Hook

Durable and long-lasting

Screw reinforced connection



360° rotating hook



Durable hook claw



Image 3.2: Detailed view of the Timber Claw Hook's screw-reinforced connections, 360° rotating hook, and durable claw design.

## 4. SETUP AND ASSEMBLY

The Timber Claw Hook requires minor assembly. While specific instructions may not be included in the packaging, the components are typically labeled for straightforward assembly.

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out. Verify all components are present and undamaged.
2. **Assemble Grapple Arms:** Connect the grapple arms to the main frame using the provided bolts and nuts. Ensure that washers are placed correctly at each joint.
3. **Secure Fasteners:** Tighten all bolts and nuts. It is important to tighten nylock nuts just enough so that the thread engages the nylon, allowing the joints to move freely without excessive play. Over-tightening can restrict movement, while under-tightening can lead to instability.
4. **Check Alignment:** After assembly, visually inspect the alignment of the grapple arms. If any misalignment is observed, re-check the assembly steps and ensure all parts are correctly seated.
5. **Attach to Lifting Equipment:** Use the 360° rotating hook to attach the Timber Claw Hook to your tractor, ATV, truck, or forklift's lifting system. Ensure the attachment point is rated for the maximum load capacity of the claw hook.

*Note: Some users have reported issues with bolt length or initial alignment. Ensure bolts are adequately secured and that all moving parts operate smoothly after assembly. If issues persist, contact customer support.*

## 5. OPERATING INSTRUCTIONS

Follow these steps for safe and efficient operation of your Timber Claw Hook:

1. **Preparation:** Ensure the work area is clear of obstructions and bystanders. Verify the Timber Claw Hook is securely attached to your lifting equipment.
2. **Positioning:** Maneuver your equipment to position the open Timber Claw Hook directly above the log or material you intend to lift. The hook is designed to open automatically when lowered onto a log.
3. **Gripping the Load:** Slowly lower the Timber Claw Hook onto the log. The 4-claw design will engage and grip the log as tension is applied during lifting. The maximum jaw opening is 31 inches, accommodating large logs.
4. **Lifting:** Once the log is securely gripped, slowly raise the lifting equipment. Ensure the load is stable before moving. Do not exceed the 2500 lb capacity.
5. **Transport:** Transport the log to its desired location, maintaining a safe speed and avoiding sudden turns or stops.
6. **Releasing the Load:** Lower the log to its resting place. To release the log, you may need to manually open the claws slightly or apply downward pressure to disengage the grip. The claws are designed to release with a quick manual tug once the load is set down.

# Secure Hook Claws

Securely grip logs, branches, or stone for tractors and forklifts.



Wood



Stone



Image 5.1: The Timber Claw Hook securely gripping a log, suitable for wood and stone.

# Works with Any Machine

Perfect for tractors, ATVs, trucks, and forklifts.



Image 5.2: The Timber Claw Hook is compatible with various machines including ATVs, Tractors, and Forklifts.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Timber Claw Hook:

- **Cleaning:** After each use, clean any dirt, mud, or debris from the claw hook, especially around the pivot points.

- **Inspection:** Periodically inspect all components for signs of wear, cracks, bends, or corrosion. Pay close attention to the grapple arms, pivot points, and the rotating hook.
- **Lubrication:** Apply a suitable lubricant to all moving parts and pivot points to ensure smooth operation and prevent rust.
- **Fastener Check:** Regularly check all bolts and nuts for tightness. Re-tighten as necessary, ensuring that nylock nuts still allow for free movement of the joints.
- **Rust Protection:** The Timber Claw Hook is crafted from heavy-gauge steel and finished with a durable orange powder coat for rust and corrosion resistance. If the coating is damaged, touch up with rust-inhibiting paint to prevent corrosion.

# Built to Last

Crafted with heavy duty steel and powder-coated to prevent rust and corrosion in all weather conditions.



Image 6.1: Illustration of the durable construction, featuring heavy-duty steel with a rust-proof layer and orange powder coating.

## 7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                                    | Possible Cause                                                                                     | Solution                                                                                                                                                                 |
|--------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Claws do not open/close smoothly.          | Bolts are over-tightened.<br>Lack of lubrication at pivot points.<br>Debris obstructing movement.  | Loosen bolts slightly to allow free movement, ensuring nylock nuts still engage.<br>Apply lubricant to all pivot points.<br>Clean debris from joints and moving parts.   |
| Load slips from claws.                     | Load exceeds capacity.<br>Improper positioning of claws on the load.<br>Claws are worn or damaged. | Ensure load is within the 2500 lb capacity.<br>Reposition the claw hook to achieve a secure, balanced grip.<br>Inspect claws for wear; replace if significantly damaged. |
| Difficulty releasing load.                 | Claws are too deeply embedded in the material.<br>Insufficient slack in the lifting chain/cable.   | Gently lift and reposition the claw, then manually open to release.<br>Ensure the load is fully supported on the ground before attempting to release.                    |
| Misalignment of components after assembly. | Incorrect washer placement.<br>Manufacturing variation.                                            | Review assembly steps and ensure washers are correctly positioned.<br>If misalignment persists and affects function, contact JY PERFORMANCE customer support.            |

## 8. SPECIFICATIONS

| Feature                        | Detail                                       |
|--------------------------------|----------------------------------------------|
| Model Number                   | DAC038                                       |
| Brand                          | JY PERFORMANCE                               |
| Material                       | Heavy-Duty Steel                             |
| Weight Capacity                | 2500 lbs                                     |
| Max Opening Size               | 31 inches                                    |
| Product Dimensions (L x W x H) | 15.75 x 3.35 x 33.07 inches                  |
| Item Weight                    | 36.4 pounds                                  |
| Color                          | Orange                                       |
| Power Source                   | Manual (requires external lifting equipment) |

# Product Specifications

Easy to operate

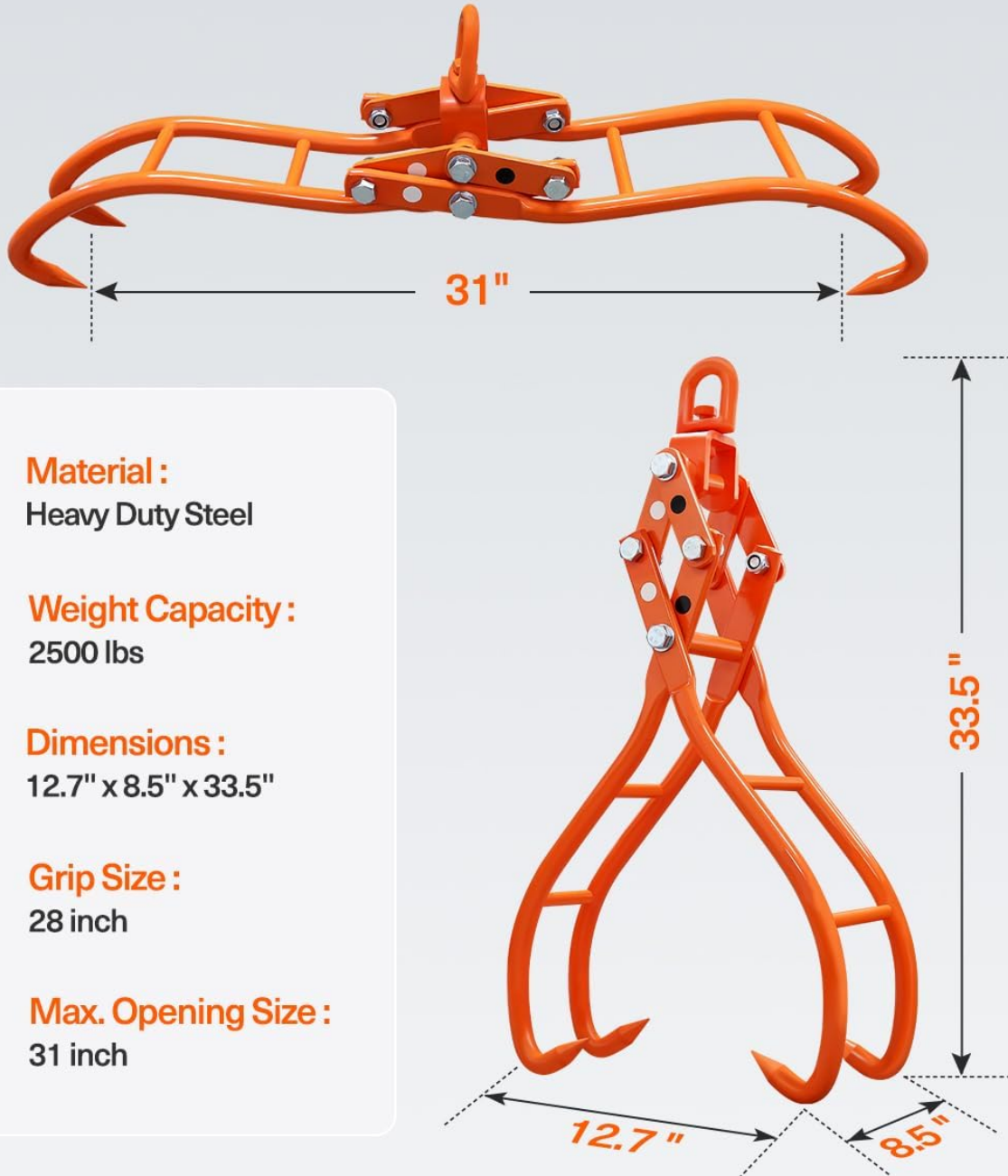


Image 8.1: Dimensional diagram of the Timber Claw Hook, illustrating its size and maximum opening.

# Heavy-Duty 4 Claw Log Grapple

2500 LBS Capacity | 31" Max Opening



Heavy Duty Steel



2500 LBS Capacity



31" Max Opening

Image 8.2: Visual representation of the Timber Claw Hook's 2500 lbs capacity and 31-inch maximum opening.

## 9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your JY PERFORMANCE Timber Claw Hook DAC038, please contact the manufacturer directly. Refer to the product packaging or the official JY PERFORMANCE website for current contact details.

It is recommended to retain your proof of purchase for any warranty claims.

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**Name**

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**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