

## YITAMOTOR FRSSPF-0011

# YITAMOTOR 4000lbs Forklift Lifting Hook

Model: FRSSPF-0011

Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your YITAMOTOR 4000lbs Forklift Lifting Hook. This attachment is designed to convert a standard forklift into a mobile crane, enabling the lifting and moving of heavy loads with a maximum capacity of 4000 pounds. Please read these instructions thoroughly before installation and operation to ensure safety and optimal performance.

## 2. SAFETY INFORMATION

**WARNING:** Failure to follow these safety instructions can result in serious injury or death, and damage to equipment.

- Always ensure the forklift lifting hook is securely attached to the forklift forks before use.
- Do not exceed the maximum rated lifting capacity of 4000 lbs (1814 kg).
- Ensure the load is balanced and stable before lifting. Avoid sudden movements.
- Keep all personnel clear of the lifting area during operation.
- Inspect the hook, frame, and securing screws for any signs of wear, damage, or deformation before each use. Do not use if damaged.
- Operate the forklift and lifting hook on stable, level ground.
- Never leave a suspended load unattended.
- Wear appropriate personal protective equipment (PPE) during operation.

## 3. PRODUCT OVERVIEW

The YITAMOTOR Forklift Lifting Hook is constructed from rugged steel with a gloss yellow powder coating for enhanced durability and corrosion resistance. It features a double-fork design to accommodate most standard pallet forks.

### Components:

- Main Lifting Frame (Yellow)
- Heavy Duty Load Hook (Red)

- Reinforcement Stabilization Design
- Two Large 'L' Screws for securing

## Product Size

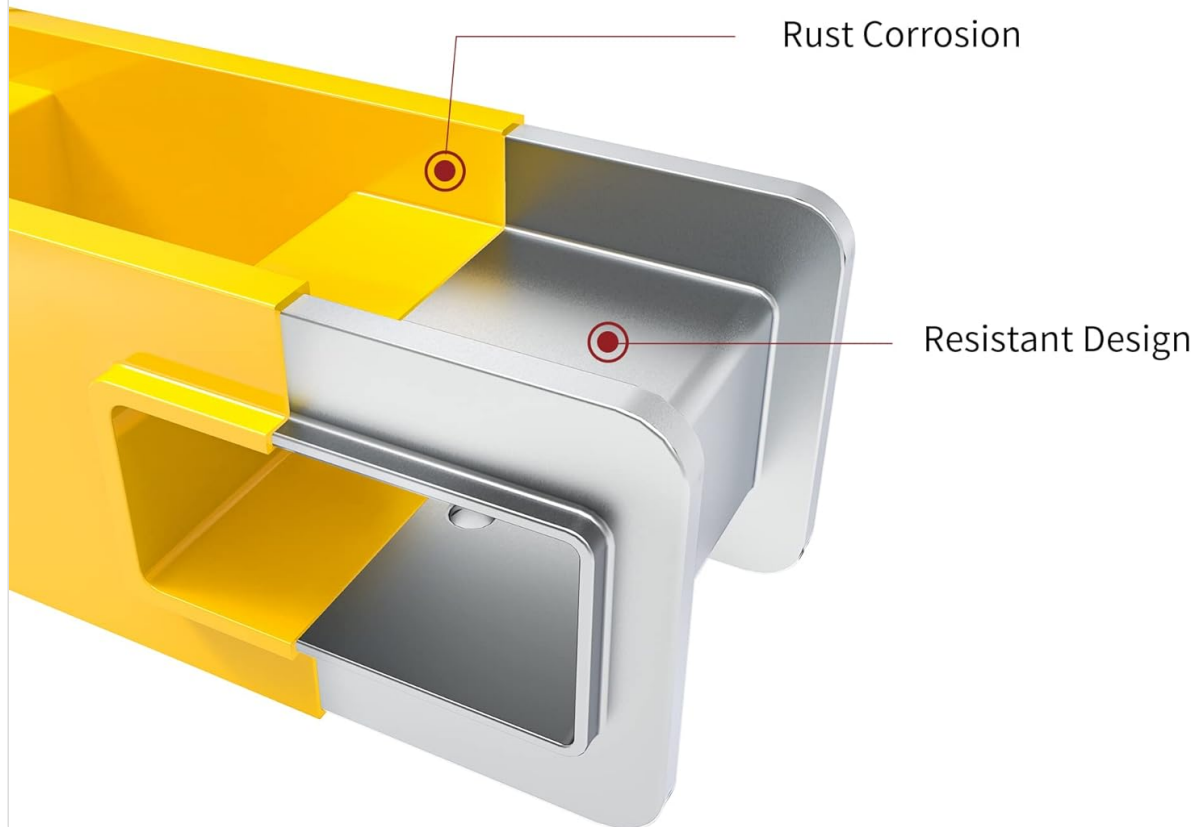
**YITA Motor**



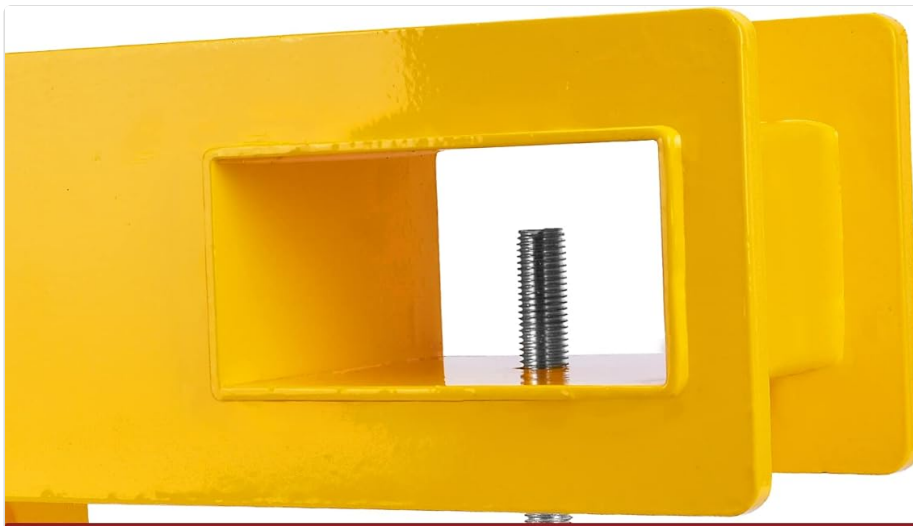
Figure 1: Product Dimensions. This image illustrates the key measurements of the forklift lifting hook, including its overall length, fork slot dimensions, and the height of the attached load hook.

# Anti-rust Spray Technology

**YITA Motor**



*Figure 2: Anti-rust Spray Technology. This image shows a cutaway view of the hook's construction, emphasizing the rust-resistant coating and durable material design.*



### ① Reinforcement Stabilization Design



### ② Heavy Duty Load Hook

*Figure 3: Reinforcement and Load Hook Detail. This image provides a detailed view of the structural reinforcement and the robust red load hook with its safety latch.*

**Package Contents:**

# Package Included

**YITA Motor**



Figure 4: Package Included. This image displays all items you should find in the product package, including the main hook assembly, securing screws, and the load hook.

- 1 x Forklift Lifting Hook Assembly
- 2 x Large 'L' Screws
- 1 x Heavy Duty Load Hook with Shackle

## 4. SETUP INSTRUCTIONS

Follow these steps to properly install the forklift lifting hook onto your forklift:

1. Ensure the forklift is parked on a level surface, the engine is off, and the parking brake is engaged.
2. Carefully slide the hoisting hook assembly over your forklift's pallet forks. The forks should pass through the designated fork slots on the lifting hook frame.
3. Position the lifting hook assembly to your desired fixed position along the length of the pallet forks. Ensure it is centered and stable.
4. Insert the two large 'L' screws into the securing holes on the top of the lifting hook frame. Tighten these screws firmly against the forklift forks to prevent any movement during operation.
5. Attach the heavy-duty load hook to the shackle on the underside of the lifting frame. Ensure the safety latch on the load hook is functional and securely closed.



6. Before lifting any load, perform a test lift with a light load to confirm stability and secure attachment.



*Figure 5: Easy Installation Example. This image demonstrates the forklift lifting hook installed on a telehandler, lifting a bulk bag, showcasing its ease of attachment and use.*



*Figure 6: Secure Attachment Detail. This image provides a closer look at how the lifting hook is secured to the forklift forks, emphasizing the stability provided by the design.*

## 5. OPERATING INSTRUCTIONS

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Once the forklift lifting hook is securely installed, you can use your forklift as a mobile crane. Always prioritize safety during operation.

1. **Pre-Operation Check:** Before each use, verify that the lifting hook is firmly attached to the forklift forks and that the 'L' screws are tight. Inspect the load hook and shackle for any damage.
2. **Attach Load:** Securely attach the load to the heavy-duty load hook. Ensure the load is properly balanced and that the hook's safety latch is closed.
3. **Lift Load:** Slowly and smoothly raise the forklift forks to lift the load. Avoid sudden jerks or rapid movements that could destabilize the load or the forklift.
4. **Transport Load:** Keep the load as low as possible during transport to maintain stability. Drive slowly and cautiously, especially when turning or on uneven terrain.
5. **Lower Load:** Slowly and smoothly lower the load to its destination. Ensure the area is clear before setting the load down.
6. **Detach Load:** Once the load is safely on the ground and stable, detach it from the lifting hook.

This forklift lifting hook is suitable for a wide range of applications, including:

- Warehouses
- Industrial workplaces
- Factories
- Farms
- Ranches
- Construction Sites





**Factory**



**Farm**



**Construction Site**



**Logistics Warehouse**

*Figure 7: Wide-Range Use. This image collage illustrates the versatility of the forklift lifting hook across different environments such as factories, farms, construction sites, and logistics warehouses.*

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your YITAMOTOR Forklift Lifting Hook.

- **Cleaning:** Clean the unit regularly to remove dirt, debris, and corrosive materials. Use a damp cloth and mild detergent if necessary.
- **Inspection:** Periodically inspect the entire assembly for signs of wear, cracks, bends, or other damage. Pay close attention to the weld points, fork slots, 'L' screws, and the load hook.
- **Corrosion Protection:** The unit features a gloss yellow powder coating for rust and corrosion protection. If the coating is chipped or damaged, touch it up with a suitable rust-inhibiting paint to prevent corrosion.
- **Lubrication:** Ensure the pivot points of the load hook and shackle are free-moving. Lubricate with a general-purpose grease if needed.
- **Storage:** Store the lifting hook in a dry, protected area when not in use to prevent exposure to harsh weather conditions.

## 7. TROUBLESHOOTING



If you encounter issues during the use of your forklift lifting hook, consider the following:

- **Unstable Load:** Ensure the load is properly centered and securely attached to the hook. Verify that the forklift forks are fully inserted into the lifting hook's slots and the 'L' screws are tightened.
- **Difficulty Attaching:** Check that your forklift's fork dimensions are compatible with the lifting hook's fork slots (6"L x 3"W). Ensure no obstructions are preventing full insertion.
- **Visible Damage:** If any part of the lifting hook shows signs of damage (cracks, bends, severe corrosion), discontinue use immediately and replace the affected component or the entire unit. Do not attempt to repair structural damage.

## 8. SPECIFICATIONS

Feature	Specification
Brand	YITAMOTOR
Model Number	FRSSPF-0011
Lifting Capacity	4000 lbs (1814 kg)
Material	Rugged Steel
Finish	Gloss Yellow Powder Coating
Overall Dimensions	24"L x 6"W (approx. 26 x 8 x 8 inches product dimensions)
Item Weight	49.2 lbs
Distance Between Fork Slots	12 inches
Fork Slot Dimensions	6"L x 3"W
Included Components	Forklift Lifting Hook, Heavy Duty Load Hook, L-Screws

## 9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the original purchase documentation or contact YITAMOTOR customer service directly through their official website or the retailer where the product was purchased.