

Xilin BF3500

Xilin Manual Pallet Jack Truck BF3500 User Manual

Model: BF3500 | Capacity: 7700 lbs | Fork Dimensions: 48" L x 27" W

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Xilin BF3500 Manual Pallet Jack Truck. Please read this manual thoroughly before operating the equipment to ensure proper usage and to prevent injury or damage. Keep this manual for future reference.

SAFETY INSTRUCTIONS

Adhering to these safety guidelines is crucial for preventing accidents and ensuring safe operation:

- Always wear appropriate personal protective equipment (PPE), such as safety shoes.
- Do not exceed the rated load capacity of 7700 lbs (3500 kg). Overloading can cause equipment failure and injury.
- Ensure the load is stable, centered, and evenly distributed on the forks before lifting and transporting.
- Operate the pallet jack only on level, firm, and clear surfaces. Avoid slopes, uneven terrain, or obstacles.
- Keep hands and feet clear of all moving parts, especially the wheels and fork mechanisms, during operation.
- Never use the pallet jack as a platform for lifting personnel. It is designed solely for material handling.
- Inspect the pallet jack for any signs of damage, leaks, or wear before each use. Do not operate damaged equipment.
- Maintain a clear line of sight when moving loads and be aware of your surroundings and other personnel.

PRODUCT OVERVIEW

The Xilin BF3500 is a robust manual pallet jack designed for efficient material handling in various industrial

and commercial environments. It features a durable alloy steel construction and polyurethane wheels for smooth operation.



Image: Side view of the Xilin Manual Pallet Jack Truck, showcasing its yellow forks and black handle assembly.

Key Features:

- **Load Capacity:** 7700 lbs (3500 kg)
- **Fork Dimensions:** 48 inches (L) x 27 inches (W)
- **Lowered Fork Height:** 3 inches
- **Maximum Lifting Height:** 7.5 inches
- **Handle:** Ergonomic design with three control gears (Raise, Lower, Neutral)
- **Wheels:** Non-marking, low noise Polyurethane wheels for smooth movement
- **Overload Protection:** Integrated mechanism to prevent damage from excessive loads
- **Material:** Durable Alloy Steel construction

SETUP AND ASSEMBLY

The Xilin BF3500 Pallet Jack requires partial assembly upon delivery, primarily the installation of the handle.

Assembly Steps:

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts are present according to the packing list.
2. **Handle Installation:**

- Align the handle assembly with the mounting point on the pump unit.
 - Insert the handle shaft into the pump mechanism.
 - Secure the handle using the provided pins or bolts. Ensure it is firmly attached and moves freely through its full range of motion.
3. **Check Hydraulic Fluid:** Verify the hydraulic fluid level. If low, consult the maintenance section for proper fluid type and filling procedure.
 4. **Test Operation:** Before first use, perform a functional test without a load. Operate the handle to raise and lower the forks to ensure smooth operation of the hydraulic system and proper function of the control lever.

OPERATING INSTRUCTIONS

Handle Control Gears:

The ergonomic handle features a control lever with three distinct positions:

- **Raise:** Pull the control lever upwards. This engages the hydraulic pump, causing the forks to lift when the handle is pumped.
- **Lower:** Push the control lever downwards. This releases the hydraulic pressure, allowing the forks to lower. The lowering speed is controllable by the degree to which the lever is pushed down.
- **Neutral:** Position the control lever in the middle. In this position, the forks remain at their current height, and the handle can be used for easy maneuvering of the pallet jack without engaging the pump or lowering the forks.



Image: Illustration showing the ergonomic handle and its three control positions for raising, lowering, and neutral operation.

Loading and Unloading Procedures:

1. **Approach Pallet:** Ensure the forks are fully lowered by setting the control lever to the 'Lower' position. Carefully guide the pallet jack so the forks slide completely under the pallet.
2. **Lift Load:** Move the control lever to 'Raise'. Pump the handle repeatedly until the pallet is lifted clear of the ground. Confirm the load is stable and balanced on the forks.
3. **Transport Load:** Move the control lever to 'Neutral'. Push or pull the pallet jack to the desired location. Always maintain a clear line of sight and be aware of your surroundings.
4. **Lower Load:** Once at the destination, position the pallet correctly. Move the control lever to 'Lower' to gently lower the forks and the load onto the ground. Control the lowering speed for a smooth descent.
5. **Remove Pallet Jack:** Once the load is fully supported on the ground, ensure the forks are completely lowered and carefully withdraw the pallet jack from beneath the pallet.



Image: A Xilin pallet jack positioned with a large box on a pallet, demonstrating its 7700 lbs load capacity.

MAINTENANCE

Regular maintenance ensures the longevity, reliability, and safe operation of your Xilin Pallet Jack.

- **Daily Inspection:** Before each use, visually inspect the pallet jack for any visible damage, hydraulic fluid leaks, loose fasteners, or worn components. Ensure all wheels roll freely and the handle operates smoothly.
- **Lubrication:** Periodically lubricate all moving parts, including wheel bearings, pivot points, and the pump mechanism, with appropriate grease. Consult a professional if unsure about lubrication points.
- **Hydraulic Fluid:** Check the hydraulic fluid level regularly. If low, refill with high-quality hydraulic oil (e.g., ISO VG32 or equivalent). Refer to the pump unit for specific fluid requirements and filling instructions.
- **Cleaning:** Keep the pallet jack clean, especially the wheels and forks, to prevent the accumulation of dirt and debris that could affect operation or cause wear.
- **Wheel Inspection:** Inspect the polyurethane wheels for signs of wear, cracks, or damage. Replace worn wheels promptly to maintain smooth movement and prevent potential damage to flooring.



|| DURABLE PUMP

Image: Close-up view of the robust pump unit and red polyurethane wheels of the Xilin pallet jack, highlighting components requiring maintenance.

TROUBLESHOOTING

This section provides solutions to common operational issues. For problems not listed or if solutions do not resolve the issue, contact Xilin customer support.

Problem	Possible Cause	Solution
Forks do not lift	Low hydraulic fluid level; Air in the hydraulic system; Pallet jack is overloaded; Release valve is open or stuck.	Check hydraulic fluid level and refill if necessary; Bleed air from the hydraulic system (refer to pump unit instructions); Reduce the load to within capacity; Ensure the release valve is fully closed.
Forks lower slowly or uncontrollably	Release valve not fully closed or improperly adjusted; Worn or damaged hydraulic seals; Debris obstructing the release valve.	Adjust the release valve to ensure it closes completely; Inspect and replace worn hydraulic seals; Clean the release valve to remove any obstructions.

Problem	Possible Cause	Solution
Difficulty steering or moving the pallet jack	Damaged or excessively worn wheels; Insufficient lubrication of wheel bearings or pivot points; Debris obstructing the wheels or axles.	Inspect and replace damaged or worn wheels; Lubricate all wheel bearings and pivot points; Clean wheels and axles thoroughly to remove any debris.

SPECIFICATIONS

Detailed technical specifications for the Xilin BF3500 Manual Pallet Jack Truck:

Feature	Specification
Brand	Xilin
Model Number	BF3500
Load Capacity	7700 lbs (3500 kg)
Fork Length	48 inches
Fork Width (Overall)	27 inches
Lowered Fork Height	3 inches
Maximum Lifting Height	7.5 inches
Overall Dimensions (L x W x H)	63.1" x 27" x 47.8"
Material	Alloy Steel
Wheel Type	Polyurethane
Number of Wheels	6
Item Weight	155 lbs

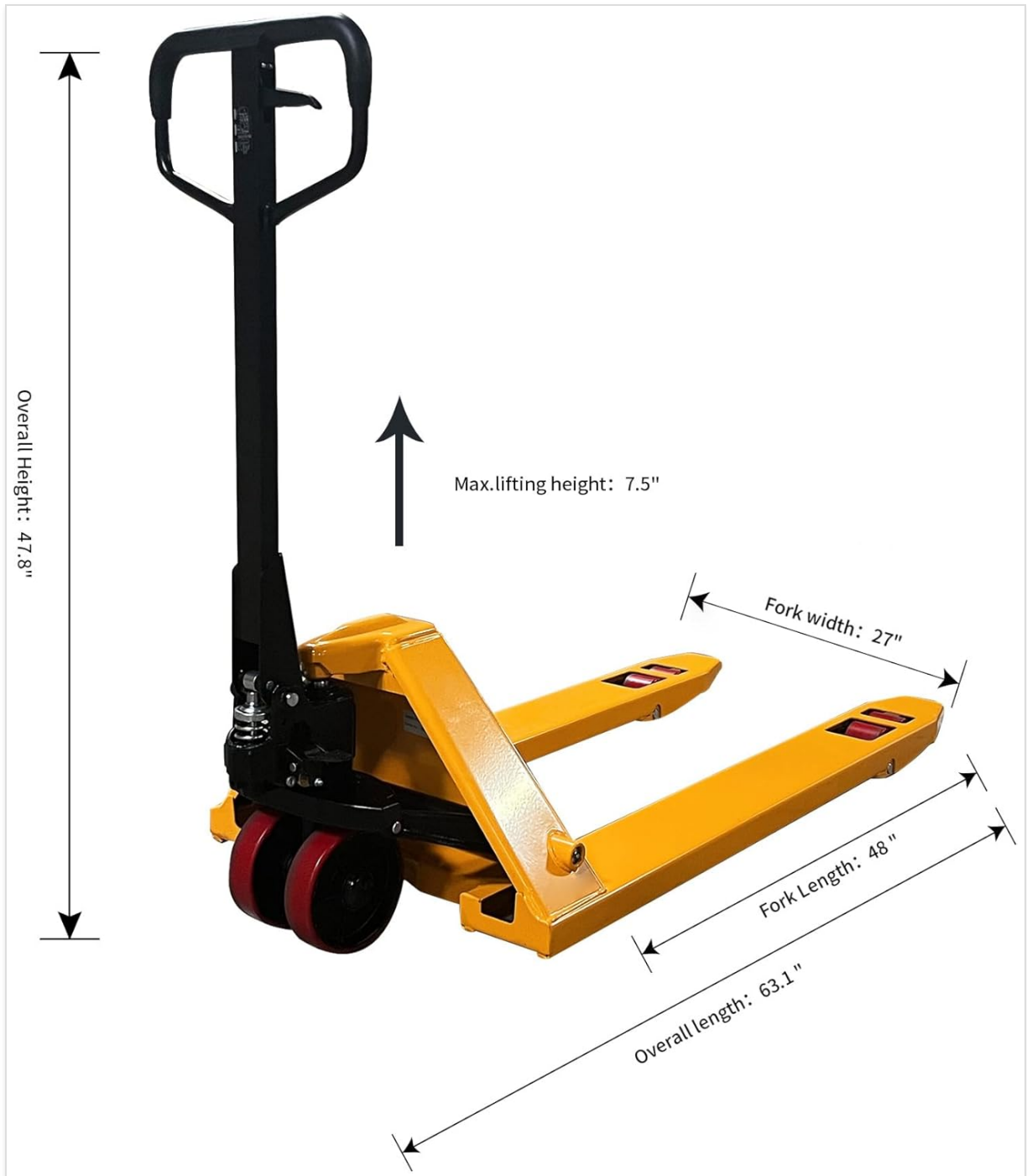


Image: Diagram illustrating the key overall dimensions of the Xilin Manual Pallet Jack, including overall height, fork length, and fork width.

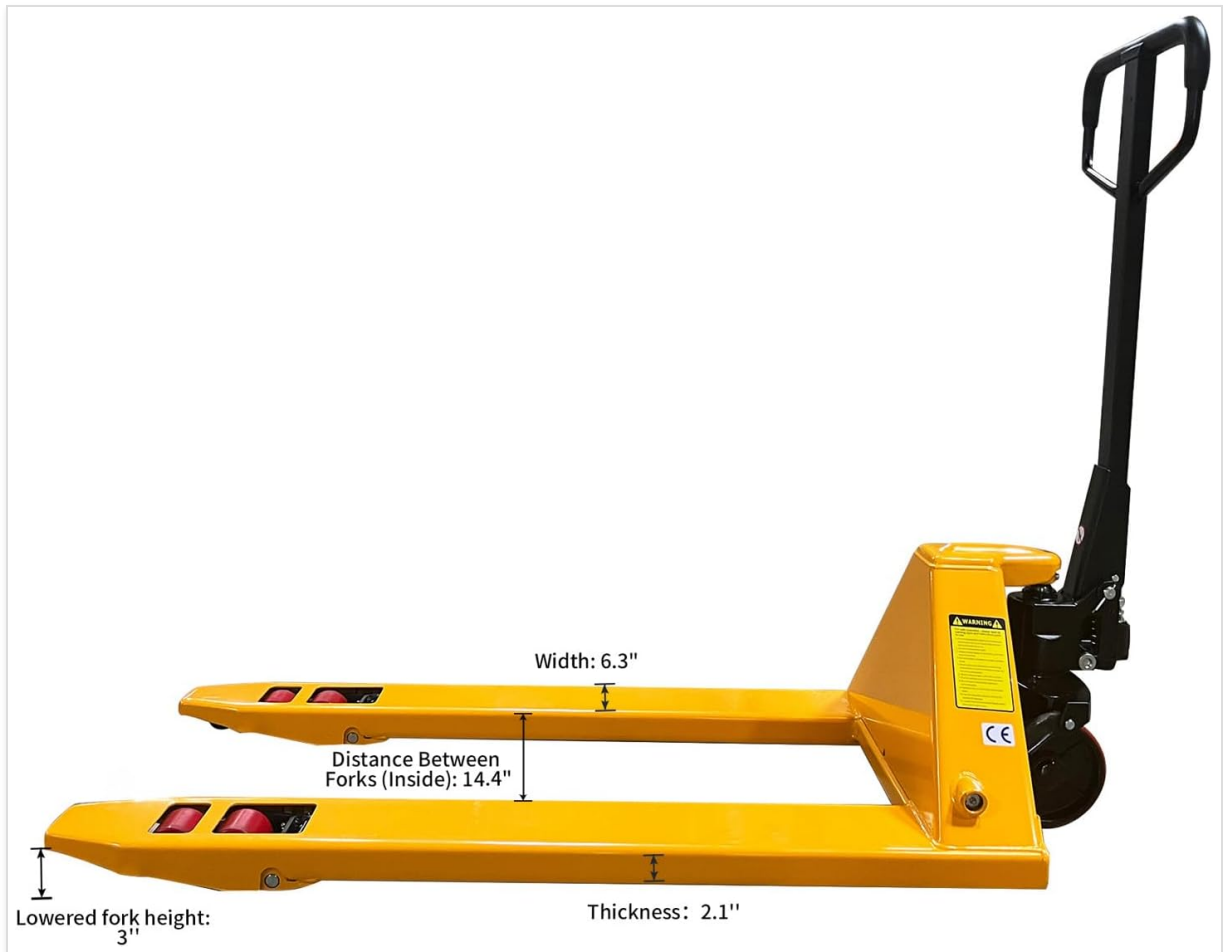


Image: Detailed view of the pallet jack forks, indicating lowered fork height (3"), distance between forks (14.4" inside), and fork thickness (2.1").

WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact Xilin customer service. Refer to your purchase documentation for specific warranty terms and contact details.

Manufacturer: Xilin

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