



User Manual

Volt Lift

Foldable Light-Duty Stacker



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Support Contact Information

In case of any technical issues with Pytes products,

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Subject to change without notice.

For the Pytes Volt Lift-

Usage video, scan the QR code.



For the Pytes Volt Lift-

Assembling video guide, scan the QR code.



Note: Please scan the QR code to watch the instruction video after reading the user manual.

Prerequisites

Perform the following steps before using to avoid serious damage or injury:

1. Inspect the stacker for any evidence of damage, including dents or significant wear.
2. Inspect the stacker tires for debris and significant wear, and confirm proper inflation.
3. Inspect the lifting system including the chains and the lifting plate:
 - a. Confirm no parts are bent.
 - b. Raise the lifting plate to its upper limit, then lower it all the way back down; ensure the lifting motion is smooth and there is no binding.
4. Inspect the battery strap and strap protector, confirming they are free of tears.
5. Ensure all screws, nuts, and bolts are tightened down.

Parameter Specification

- Thank you for choosing and using our high-quality manual pallet stacker! Taking a little time to read this manual carefully before use may be helpful to you.
- Keep this manual in a safe place – it will make future maintenance or contacting us more convenient.
- Please be advised that, in order to continuously evolve and improve our products, we may make appropriate enhancements to the product design. Should there be any discrepancies between this manual and the actual product, we kindly ask for your understanding.
- All technical and safety requirements of this product comply with national and international standards. Please feel free to use it with confidence.

1. Product Overview

This product is a foldable straight-wheel manual hydraulic lift truck. It adopts a hydraulic lifting structure and features a foldable design for easy storage and transport. It is simple and flexible to operate, suitable for light-duty cargo handling and lifting operations in warehouses, workshops, homes, and other scenarios, enabling efficient short-distance transfer and low-position lifting.

2. Core Parameter Table

Item	Parameter	Unit
Rated load	200	kg
Max. lifting height	900 (0.9)	mm(m)
Min. height	65	mm
Fork length	260	mm
Overall fork width (outside)	520	mm
Single fork width	70	mm
Overall width	710	mm
Overall height	1210 (121)	mm(m)
Wheelbase (front wheel center distance)	440	mm
Overall length	570	mm
Net weight	43	kg
Packing dimensions (wooden case)	1290*600*260	mm
Platform/cover plate dimensions	520*260	mm

3. Structure & Dimension Description

Main Structure: Made of high-strength yellow painted steel structure, rust-proof and durable. The handle is equipped with a non-slip rubber grip to enhance operating comfort and safety.

Lifting System: Manually hydraulic driven, with auxiliary chain-assisted lifting. The lifting is smooth and requires less effort. No power supply needed, suitable for environments without electricity.

Fork/Platform: The steel plate platform has a flat surface for stable loading. A layer of PU leather is fixed on the surface with screws for anti-slip and wear resistance. The fork dimensions are suitable for small pallets, boxes, and other light goods. The platform can be folded together with the main unit, significantly reducing storage space. Two rubber bumper blocks are fixed with screws near the mast for improved impact resistance.

Wheeling System: Straight rubber wheel design offers good load capacity and stable pushing performance. Suitable for concrete floors, epoxy floors, and other conventional hard surfaces.

4. Functions & Features

- **Foldable Design:** The handle and fork can be folded for storage, reducing the footprint when not in use, making it easy to store and transport.
- **Light-Duty & High Load:** Rated load of 200kg, meeting daily light-duty lifting and transporting needs.
- **Easy Operation:** Manual hydraulic foot pedal / hand pressure lift control; no professional training required to get started.
- **Safe & Durable:** Steel structure body with anti-rust paint coating. Hydraulic system has overload protection for safer use.
- **Flexible Adaptability:** Compact overall dimensions allow flexible operation in narrow aisles. Suitable for homes, small warehouses, workshops, and various other scenarios.

5. Applicable Scenarios

1. Light cargo handling and shelf loading in small warehouses and e-commerce warehouses.
2. Short-distance transport and low-position installation/maintenance of workshop equipment and components.
3. Small parcel loading/unloading assistance in logistics and courier service outlets.
4. Heavy object handling, furniture moving, and similar tasks in homes and workshops.

6. Usage & Safety Instructions

Overloading is strictly prohibited. Goods must be evenly placed on the center of the fork/platform to avoid uneven or side loading.

1. During lifting or lowering, personnel are prohibited from standing under the forks or on the load to prevent accidents.
2. Use only on flat, hard surfaces. Do not push, pull, or lift/lower on ramps/slopes or soft ground.

3. When not in use for extended periods, lower the forks to the minimum height and store the unit in a dry, ventilated place. Perform regular maintenance on the hydraulic system and chain.

7. Remarks

All parameters in this specification are based on the illustrated product. In the event of product upgrades or iterations, the latest version of parameters shall prevail.

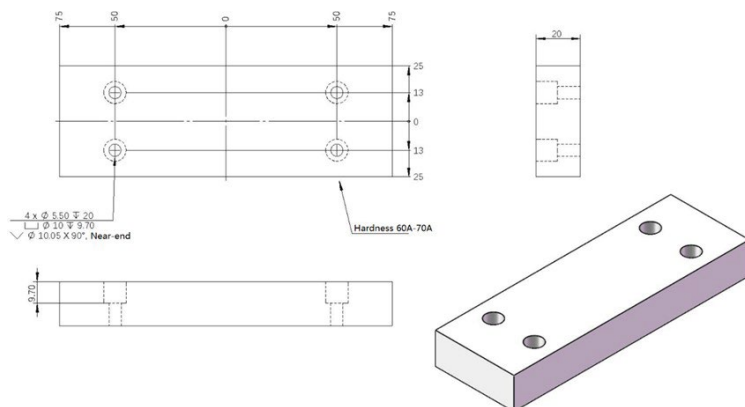
8. Dimension Drawings & Spare Parts

Fork length	260mm	Min. height	65mm
Overall fork width	520mm	Max. height	900mm
Single fork width	70mm	Packing dimensions	1290*600*260mm
Overall width	710mm	Net weight	43kg



With Platform/Cover Plate

A layer of PU leather is fixed on the platform/cover plate with screws. Two rubber bumper blocks are installed on both sides near the mast. Forks are fixed and non-movable.

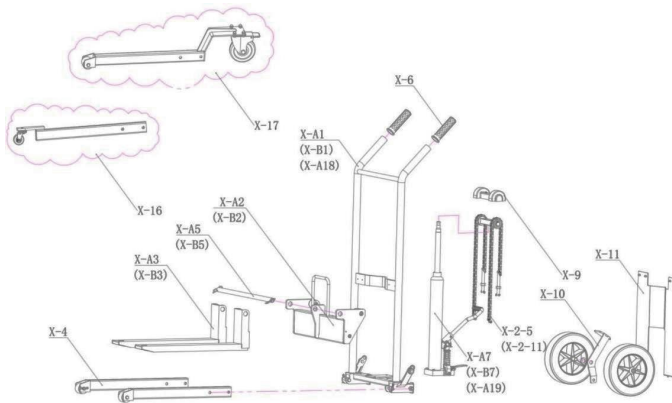


No.	Name	Qty	Remarks
1	Rubber block 150301100191	2	Impact bumper for custom 200kg model
2	Mounting screws	8	National standard M5*14 hexagon socket screws, countersunk 4mm, for fixing the bumper blocks
3	Flat washer	8	5*9*1 washer

No.	Name	Qty	Remarks
X-A1	Frame	1	For 200kg frame
X-B1	Frame	1	For 300kg frame
X-A18	Frame	1	For 200kg, height: 1020mm
X-A2	Guide wheel frame	1	For 200kg
X-B2	Guide wheel frame	1	For 300kg
X-A3	Fork	2	For 200kg
X-B3	Fork	2	For 300kg
X-A5	Fork fixing shaft	1	For 200kg
X-B5	Fork fixing shaft	1	For 300kg
X-4	Straight wheel leg	2	Common part

X-16	Small swivel caster leg	2	Common part
X-17	Large swivel caster leg	2	Common part
X-6	Handle grip	2	Common part
X-11	Guard plate	1	Optional part
X-9	Chain cover	1	Optional part
X-10	Foot pedal	1	Optional part
X-2-5	Chain	2	For 200/300kg
X-2-11	Chain	2	For 200kg, height: 1020mm
X-A7	Cylinder	1	For 200kg
X-B7	Cylinder	1	For 300kg
X-A19	Cylinder	1	For 200kg, lifting height: 1020mm

9. Main Structure Description (Parts Diagram)



10. Packing list

No.	Accessories	Pictures	Quantity
1	Foldable Light-Duty Stacker body		1
2	Wheels		2
3	Cargo platform, steel plate platform has a flat surface for stable loading		1
4	Forks		2
5	Foot pedal (Down)		1
6	Foot pedal (up)		1
7	L-Key, to tight wheels		1

11. Installation and Operation

Step 1: take out clevis pins from straight arms on both side



Step 2: Turn the stacker body sideways then rotate both straight arms to the front and insert the clevis pins on both side and then lock them with the cotter pin



Step 3: Turn the stacker sideways and install the wheels on both sides. Then Use the tools included in the package to tighten the wheels



Step 4: Remove the clevis pin and install the forks onto the silver steel tube at the front and lock it with the clevis pin in place. Move the forks to the extreme sides.



Step 5: Install the Cargo platform on the forks.



Step 6: Install the descent control foot pedal on the back side of the Stacker with clevis pin

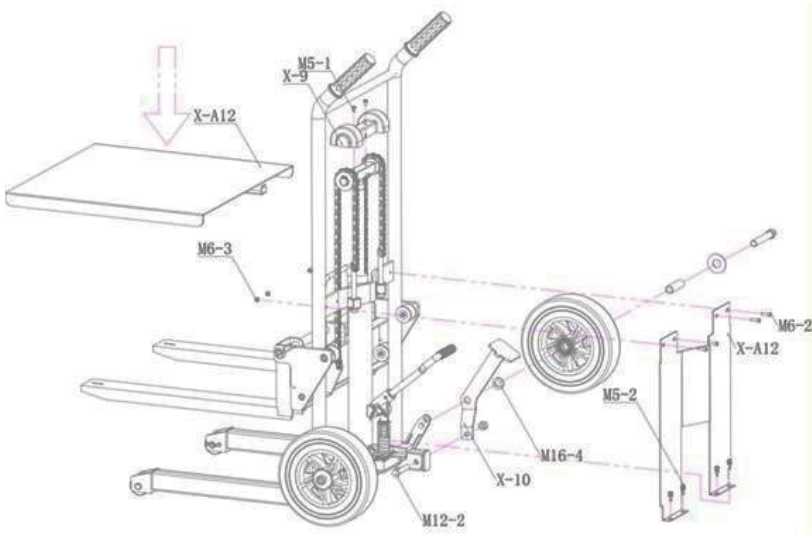


Step 7: Install the Hydraulic foot Pedal Lift on the back side of the Stacker and tighten the screws.



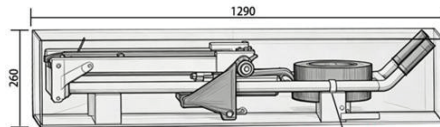
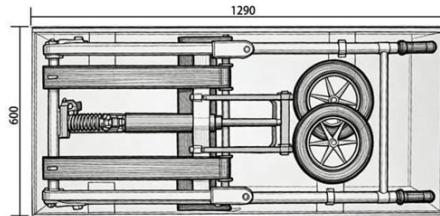
Note: Test the up and down operation of stacker before use.

12. Introduction to Optional Accessories

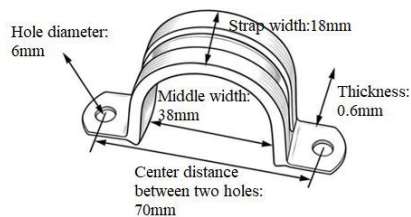


No.	Name	Qty	Remarks
X-9	Chain cover	1	Optional part
M5-1	Countersunk screw	2	
X-10	Foot pedal	1	Optional part
M12-2	Hexagon screw (zinc plated)	1	
M16-4	Flat washer (zinc plated)	1	
X-11	Guard plate	4	Optional part
M5-2	Self-tapping screw	4	
M6-2	Hexagon socket screw (zinc plated)	4	
M6-3	Nut (zinc plated)	4	
X-A12	Panel (with one layer of PC sheet installed)	1	PC sheet material No.150310100449, panel steel plate

13. Packing Dimensions Parameters



Four-corner fixing buckle (rubber surface, iron material)



14. Precautions

1. The fork-lifting height is inversely proportional to the load capacity (as shown in Figure1). When the distance between the fork and the ground $Q \geq 300\text{mm}$, the load capacity gradually decreases.

When the fork is raised to the maximum height, the load must be strictly controlled within 140kg to prevent accidents.

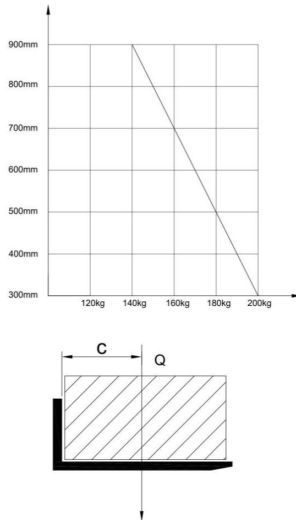


Figure 1

2. When carrying a load uphill, attention should be paid to reducing both the fork-lifting height and the load weight to prevent accidents. (See Figure 2)

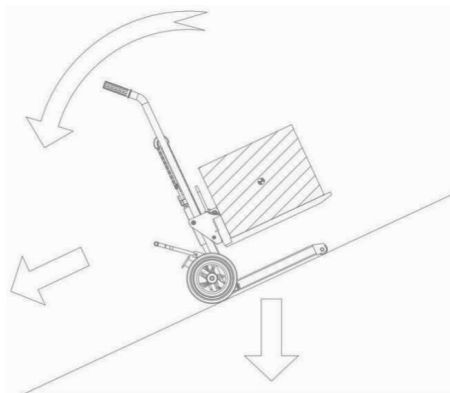


Figure 2



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