



说明书材质要求：105g 有光铜版纸	说明书成品尺寸：105*143mm
Black (单色印刷)	
折叠方式：风琴折 (	备注：
特别注意：此页内容不印刷	

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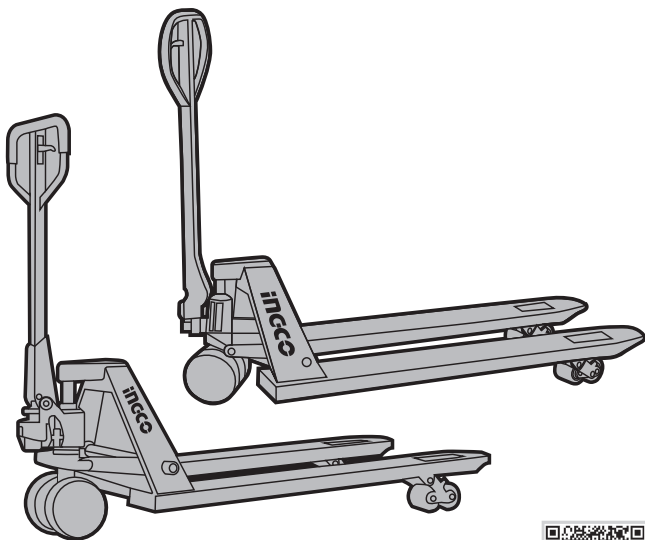
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ingco

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**PRODUCT
MANUAL**

HAND PALLET TRUCK



**HHPT03201 HHPT02201 HHPT01251 HHPT02251
HHPT01301 HHPT02301**



Original Instructions

GENERAL POWER TOOL SAFETY WARNINGS

⚠ WARNING! Owner and operator MUST read and understand these operating instructions before use this pallet truck.

Before operating this hand pallet truck read this ORIGINAL INSTRUCTION HANDBOOK carefully and understand the usage of the hand pallet truck completely. Improper operation could create danger.

This handbook describes the usage of different hand pallet trucks. When operating and servicing the hand pallet truck, make sure, that it applies to your type.

Keep this handbook for future reference. If this or the warning/ caution labels are damaged or got lost, please contact your local dealer for replacement.

⚠ ATTENTION!

- Environmentally hazardous waste, such as batteries, oil and electronics, will have a negative effect on the environment, or health, if handled incorrectly.
- The waste packages should be sorted and put into solid dustbins according to the materials and be collected disposal by local special environment protection bureau. To avoid pollution, it's forbidden to throw away the waste randomly.
- To avoid pollution during the use of the products, the user should prepare some absorbable materials (scraps of wooden or dry duster cloth) to absorb leaking oil in time. To avoid second pollution to the environment, the used absorbable materials should be handed in to special departments in terms of local authorities.
- Our products are subject to ongoing developments. Because this handbook is only for the purpose of operating /servicing the hand pallet truck, therefore please have understanding, that there is no guarantee out of particular features out of this handbook.

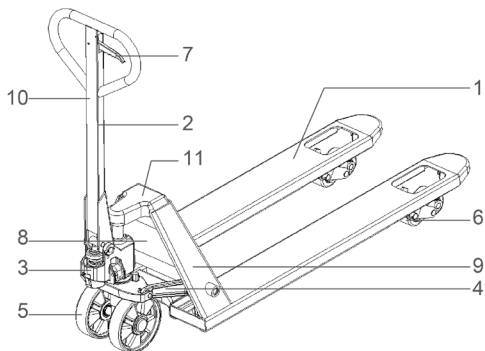
⚠ WARNING!

On this manual, the left sign means warning and danger, which can lead to death or serious injury if not followed

INTENDED USE

The pallet truck is made of high-quality steel and is designed for the horizontal lifting and transport of loads on a pallet or standardized containers on a level, fixed base. Professional and ideal storage aid for all variety of manual transport tasks over short distance in stores and warehouse as well as factory plants.

SPECIFICATIONS



Components

- | | |
|---------------------------------|--|
| 1. Chassis | 8. Identification plate (ID-plate) |
| 2. Tiller arm | 9. Company logo and/or capacity sticker |
| 3. Hydraulic pump | 10. Lifting function instruction sticker |
| 4. Lifting mechanism | 11. Eventually capacity sticker |
| 5. Steering (Front-) wheels | |
| 6. Load wheels (single/ tandem) | |
| 7. Lever | |

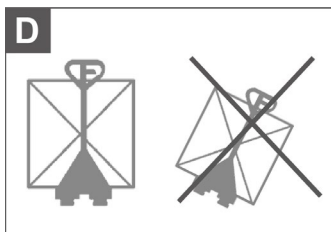
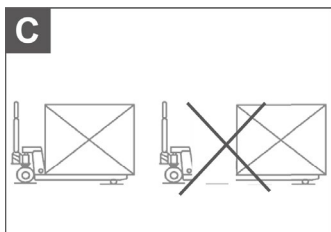
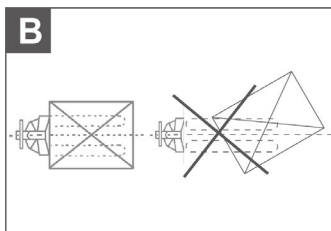
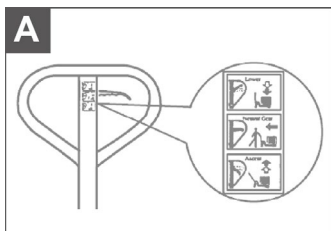
Technical specifications

Model No.	HHPT03201	HHPT02201	HHPT01251	HHPT02251	HHPT01301	HHPT02301
Capacity	2000kg	2000kg	2500kg	2500kg	3000kg	3000kg
Max. fork height	200 (or190) mm					
Min. fork height	85 (or75) mm					
Fork Length	1150mm	1220mm	1150mm	1220mm	1150mm	1220mm
Width overall forks	450/520/550/685mm					
Individual fork width	160mm					
Load wheel diameter	Ø80x70 (or Ø74x70) mm, nylon, polyurethane					
Steering wheel diameter	Ø200x50 (or Ø180) mm nylon, polyurethane, rubber					

Special fork length is available 800, 900, 950, 1000, 1500, 2000 mm.

Materials and specification are subject to change without notice.

OPERATION PICTURE



OPERATION

1. To attach handle to pump unit

- 1.1 Remove 3 bolts from the handle bracket
- 1.2 Set handle on the bracket, notice to allow the chain and the adjusting bolts assembly to pass through the hole in the center of the bracket and shaft.
- 1.3 Insert the 3 bolts through the handle into the bracket, then tighten them securely.
- 1.4 Raise the lever plat and insert the adjusting bolt into the front slot, keeping the adjusting nut on the underside of the lever plat.

2. To adjust release device

On the draw-bar of this pallet truck, you can find the control handle) which can be regulated in three positions:

Raise - handle down

Drive position - handle in center position

Lower - handle up, the lever moves back the drive position when released.

If however they have been changed, you can adjust according to following step:

- 2.1 If the forks elevate while pumping in the DRIVE position, turn the adjusting nut on the adjusting bolt or adjusting screw clockwise until pumping action does not raise the forks and the DRIVE position function properly.
- 2.2 If the forks descend while pumping in the DRIVE position, turn the nut or adjusting screw counter-clockwise until the forks do not lower.
- 2.3 If the forks do not descent when the control handle is in the LOWER position, turn the nut or adjusting screw clockwise until raising the control handle or lowers the forks. Then check the DRIVE position according to item 2.1 and 2.2 to be sure the nut or adjusting screw is in the proper position.
- 2.4 If the forks do not elevate while pumping in the RAISE position, turn the nut or adjusting screw counter-clockwise until the forks elevate while pumping in the RAISE position. Then check the LOWER and DRIVE position according to item 2.1, 2.2 and 2.3.

3. Maintenance

Your pallet truck is largely maintenance-free.

3.1 Oil

Please check the oil level every six months. The oil capacity is about 0.3 lt. Use the hydraulic type oil according to temperature scale below.

Temperature	Oil
-20 ~+40°C	L-HV46 Hydraulic oil

3.2 How to expel air from the pump unit

The air may come into the hydraulic oil because of transportation or pump in upset position. It can cause that the forks do not elevate while pumping in the RAISE position. The air can be banished in the following way: then move the handle up and down for several times.

3.3 Daily check and maintenance

Daily check of the pallet truck can limit wear as much as possible. Special attention should be paid to the wheels, the axles, as thread, rags, etc. It may block the wheels. The forks should be unloaded and lowered in the lowest position when the job is over.

3.4 Lubrication

Use motor oil or grease to lubricate all moveable parts.

4. Guide to safety operation

For safe operation of the Hand Pallet Truck, please read all warning signs and instructions here and on the pallet truck prior to use.

4.1 Do not operate the pallet truck unless you are familiar with it and have been trained or authorized to do so.

4.2 Do not operate the truck unless you have been trained and authorized. Give special attention to the wheels, the handle assembly, the forks, and the lower control.

4.3 Do not use the truck on sloping ground.

4.4 Never place any part of your body in the lifting mechanism or under the forks or load. Do not carry passengers.

4.5 We advise that operators should wear gloves and safety shoes.

4.6 Do not handle unstable or loosely stacked loads.

4.7 Do not overload the truck.

4.8 Always place loads centrally across the forks and not at the end of the forks

4.9 The capacity of the truck assumes an evenly distributed load with the center of the load being at the halfway point of the length of the forks.

4.10 Make sure that length of the forks matches the length of the pallet.

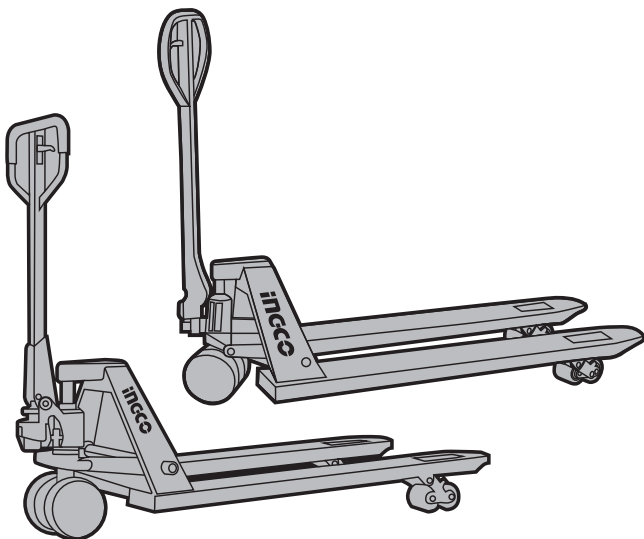
4.11 Lower the forks to lowest height when the truck is not being used.

4.12 In other specific conditions the operators should take extra care in operating the truck.

5. Troubles shooting

NO	Trouble	Cause	Action
1	The forks can't be up the max. height.	- The hydraulic oil is not enough.	- Pour in the oil.
2	The forks can't be lifted up.	- Without hydraulic oil. - The oil has impurities. - The nut is too high or the screw is too close, keep the pumping valve open. - Air comes into the hydraulic oil.	Fill in the oil. - Change the oil. - Adjust the nut or the screw, (see item 2.4) - Banish the air. (see item 3.2)
3	The forks can't be descended.	- The piston rod or pump body is deformed resulting from partial loading slanting to one side or overloading. - The fork was kept in the high position for long time with piston rod bared to arise in rusting and jamming of the rod. - The adjusting nut or the screw is not in the correct position.	- Replace the piston rod or pump body. - Keeping the fork in the lowest position if not using, and pay more attention to lubricate the rod. - Adjust the nut or the screw. (see item 2.3)
4	Leaks	- Sealing parts worn or damaged. - Some part cracked or worn into small.	- Replace with the new one. - Replace with the new one.
5	The fork descends without the release valve worked.	- The impurities in the oil cause the release valve to be unable to close tight. - Some parts of hydraulic system is cracked or bored. - Air comes into the oil. - Sealing parts worn or damaged. - The adjusting nut or the screw is not in the correct position.	- Replace with new oil. - Inspect and replace the waste parts. - Banish the air. (see item 2.2) - Replace with the new one. - Adjusting the nut or the screw. (see item 2.2)

***NOTE: Do not attempt to repair the pallet truck unless you are trained and authorized to do so.**



MADE IN CHINA 0124.V08

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