



PALLET TRUCK 1000KG 1170 X 540MM HIGH LIFT

MODEL NO: **PT1170H.V2**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions



Wear safety footwear

1. SAFETY

- ✓ Only open bottomed Euro type pallets can be used with this truck
- ✗ **DO NOT** use a faulty or damaged truck.
- ✓ Before using the truck all parts and working mechanisms should be checked for wear or damage. Pay particular attention to the wheels, handle and fork lifting and lowering mechanism. Any parts found to be worn, damaged or suspect should be repaired or replaced before the truck is used.
- ✓ All repairs must be carried out by an authorised Sealey service agent.
- ✓ Personnel who operate the truck and those in the vicinity of operation should wear safety footwear with reinforced toe caps at all times.
- ✓ Never place any part of your body in the lifting mechanism or under the forks or load.
- ✗ **DO NOT** allow others to ride on the truck.
- ✗ **DO NOT** lift or move unstable or loosely stacked loads.
- ✓ Take extra care when operating a loaded truck in high winds.
- ✓ Take special care when moving long, high or wide loads in order not to dislodge the load by striking any fixtures, vehicles or people in the area of operation.
- ✓ Always ensure that the load is evenly distributed across the forks with the centre of the load being at the halfway point of the length of the forks.
- ✗ **DO NOT** overload the truck - refer to the specification for maximum permitted load.
- ✓ If a load is left unattended even for a very short period of time it should be lowered to the ground.
- ✓ When not in use the truck should be left in the lowered position.
- ✓ Ensure that the width and length of the forks is correct for the pallet to be lifted.
- ✓ Ensure that the truck is sufficiently inserted into the pallet to lift the full width of the pallet.
- ✓ Use the truck on level, flat, hard surfaces and in well lit areas.
- ✗ **DO NOT** use truck on sloping or uneven ground; **DO NOT** attempt to negotiate curbs, steps or ramps.
- ✓ The operator of the truck must be physically capable of controlling the load selected; particularly in relation to stopping a rolling load.

2. INTRODUCTION

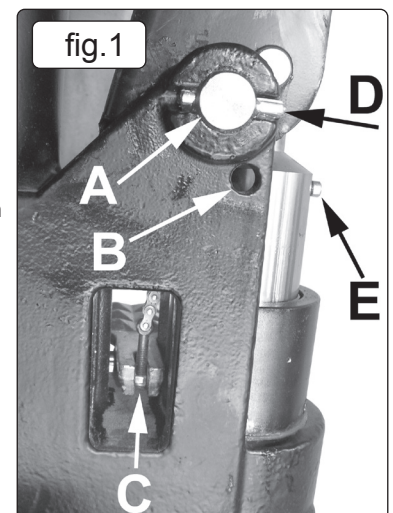
Heavy-duty high lift pallet truck suitable for the loading/unloading of light commercial vehicles as well as warehouse/general handling duties. Features twin stabilisers for extra balance when at maximum lift and an ergonomic handle design for comfortable operation.

3. SPECIFICATION

Model No:.....PT1170H.V2
Capacity:..... 1000kg
Fork Spread:..... 225mm
Forks (Length x Overall Width):..... 1170 x 540mm
Maximum Height:..... 800mm
Minimum Height:..... 85mm

4. ASSEMBLY

- 4.1. Assembling the handle to the truck (fig.1)**
- 4.1.1. Note that the piston is constrained in the down position by a pin which passes through holes in the handle mounting bracket (fig.1.B). **DO NOT** remove this pin yet.
 - 4.1.2. Identify and have ready the handle pivot pin (fig.1.A) which will have a roll pin inserted through one end of it.
 - 4.1.3. Slide the base of the handle into the handle mounting bracket which is an integral part of the pump body and align the holes in the handle with the holes in the bracket (fig.1).
 - 4.1.4. Drive the pin (fig.1.A) through the aligned holes from left to right using a soft faced hammer and ensure that the roll pin rests in the groove in the bracket (fig.1.D)
 - 4.1.5. Move the lever at the top of the handle (fig.2) into the lower position then pass the chain with adjusting bolt and nut through the hole in the centre of the handle pivot pin.
 - 4.1.6. Lower the handle to depress the piston and remove the restraint pin from the hole 'B' above the piston (fig.3.B). Place the lever in the central 'raise' position.
 - 4.1.7. Press and hold down the foot pedal (fig.3.A). Slide the adjusting bolt and nut at the end of the



chain through the slot in the other end of the pedal (fig.1.C)

- 4.1.8. Release the pressure from the foot pedal slowly. Check that the adjusting nut is situated securely beneath the foot pedal.
- 4.1.9. Retain the handle assembly by driving another roll pin through the other end of the handle pivot pin (fig.1.D).

5. OPERATION

- ❑ **WARNING! Always transport a load with the pallet raised from the ground by only 20 to 30mm.**
 - ❑ **WARNING! Pallets with an enclosed entry should not be used for lifting a load as the scissor action of the jack will force the woodwork apart. Only Euro type pallets can be used to raise a load.**
- 5.1. Before using the truck you must read and understand the safety instructions in Section 1. The truck should only be operated by those persons who have been trained in its use.
 - 5.2. The operator must be physically capable of pushing or pulling the load and must also be capable of stopping a rolling load.
 - 5.3. Before lifting any load the operator should check that the pallet is the correct width and length for the truck and that the pallet itself is not damaged.
 - 5.4. The operator should ensure that the load on the pallet is safe to move. If the load appears to be loosely stacked, unevenly distributed, too high or too wide it should be repacked safely before moving. Also check that the weight of the load is within the capacity of the truck.
 - 5.5. **Lowering the truck** (fig.2.1). Before inserting the truck into the pallet ensure that the truck forks are in their lowest position by pulling the operating lever into the upper position and holding it there until the truck has settled down to the lowest level.
 - 5.6. **Slow lift position** (fig.2.2). The lever can now be released and will return to the middle position. Push the truck into the pallet ensuring that it is fully inserted. If the pallet is shorter than the forks the load should be placed at the centre point of the length of the forks.
 - 5.7. Pump the handle to raise the load slightly in preparation for transporting the load. When the handle is pumped in this position the load only rises slowly. Always transport a load with the truck in the lowest position.
 - 5.8. Due care should be taken when manoeuvring a load to ensure that no collision takes place with any objects or people.
 - 5.9. The faster the truck is moved the more difficult it will be to stop. Therefore proceed at a slow and even pace.
 - 5.10. Bring the truck to a stop where required and lower the load to the floor by pulling the operating lever to its highest position and holding it there until the load has settled to the floor. Alternatively the load can be lowered by pressing the foot pedal (fig.3.A).
 - 5.11. It is not recommended that the load is lowered whilst the truck is still moving as a sudden stop may dislodge the load causing damage to property and/or people.
 - 5.12. **Quick lift position** (fig.2.3). To lift a pallet quickly push the operating lever to its lowest position where it will latch.
 - 5.13. Pump the handle up and down to lift the load. When the forks reach their maximum height the lifting action will stop even if you continue to pump the handle. As the load rises the stabilising pins attached to the legs either side of the wheels (fig.3.B) will begin to make contact with the ground. Above the height of 300mm the rear wheels are no longer in contact with the ground. This is a safety feature designed to prevent the moving of the load when the forks are raised to a high level.
 - 5.14. When the truck is not in use, lower the forks and park the truck where it will not be a hazard.

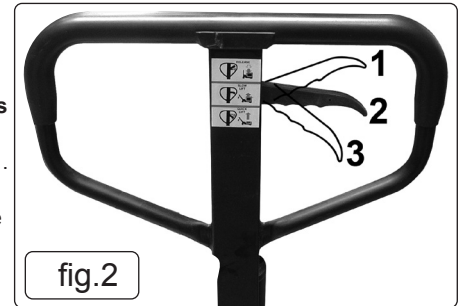


fig.2

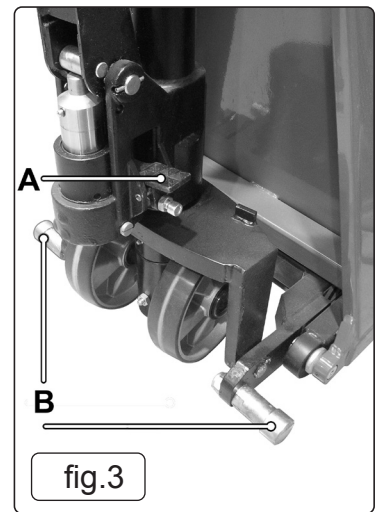


fig.3

6. ADJUSTMENTS

- 6.1. The operating lever mechanism is adjusted in the factory but should the adjustment be lost or the mechanism not perform as it should it may be necessary to re-adjust to restore correct operation.
- 6.2. Before making any adjustments first check that the oil level is correct. See Maintenance section below.
- 6.3. Test the performance of the truck in each lever position. If it does not function correctly in any position make adjustments to the nut at the end of the release rod chain (see part No.104 on the pump assembly parts diagram).
- 6.4. If the quick lift function will not operate or the forks will not lift, turn the adjusting nut anticlockwise.
- 6.5. If the slow lift function will not operate or the forks will not lower, turn the nut clockwise.
- 6.6. If turning the nut at the end of the release rod chain does not cure the problem make further adjustments in conjunction with the adjusting bolt beneath the release pedal (see part No.318 on the pump assembly parts diagram). Turn the bolt in the same direction as the adjusting screw. Make small changes to each adjustment in turn until the truck functions properly.

7. MAINTENANCE

- NOTE:** The screw situated towards the top of the piston has a dual purpose. The screw is loosened when purging air from the system and also is removed when the oil requires topping up (fig.1.E).
- 7.1. If the forks will not rise fully the oil level should be topped up. Otherwise the oil level should be checked every six months. Only use hydraulic oil which conforms to Sealey hydraulic oil.
 - 7.2. To purge air from the system loosen the screw at the top of the piston. Push the handle downwards slowly to release any air then re-tighten the screw.
 - 7.3. Apply a long life grease to all bearings and shafts once a month.

8. TROUBLESHOOTING

Problem	Cause	Solution
The forks DO NOT reach maximum height.	Hydraulic oil level too low.	Top up the oil.
The forks DO NOT lift.	No or low hydraulic oil. The oil is contaminated. The lifting/lowering mechanism needs adjustment. Air in the hydraulic system.	Top up tank with hydraulic oil. Change the oil. Follow procedure in section 5. Purge the air as in section 5.
The forks DO NOT lower.	The lifting/lowering mechanism needs adjustment. Truck stored with ram raised, allowing corrosion. Forks obstructed.	Follow procedure in section 5. Lubricate piston rod regularly and store in lowered position. Remove obstruction.
Leaks.	Seals worn or damaged.	Replace seals.
Lifting speed not affected by handle position.	The lifting/lowering mechanism needs adjustment. Release valve not closing fully owing to oil contamination.	Follow procedure in section 5. Change the oil.



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

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