ENVIRONMENT

Always dispose of unwanted tools, accessories and packaging materials in an environmentally friendly manner.

For EU and EEA countries only.

In observance of European Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE) and its implementation in accordance with national law, electrical goods that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Do not dispose of electrical goods with domestic waste materials as inappropriate disposal may cause potential hazards to the environment and human health.

For further information, please contact your local authority or the retailer from whom you purchased the product.

RoHS

This product does not contain any restricted substances in concentrations and applications which are banned by the European RoHS Directive.

DECLARATION OF CONFORMITY

We hereby certify that the Matlock
Pallet Trucks - MTL-985-1290K & MTL-985-1300K
comply with all the relevant provisions of the following European Community Directives:

EC Council Directive 2006/42/EC Machinery

National standards applied:
ISO3691-5:2014, ISO3691-7:2011

Signed:
Name: Keith Read
Position: HSQE Group Manager

Official Agent:
MATLOCK INDUSTRIAL PRODUCTS
Security House, Wigston, Leicester,
England, LE18 2FS.

CE

MATLOCK products are fully guaranteed against faulty workmanship.

Should they be found to be defective, they will be either repaired or replaced free of charge (fair wear and tear or misuse excepted).
Matlock is not liable for incidental or consequential damage or losses.

MATLOCK
INDUSTRIAL PRODUCTS
Security House, Wigston,
Leicester, England, LE18 2FS.

Matlock continually strives to improve its products. Specifications may change without prior notice.
Matlock is a registered trade mark of The Kennedy Group Ltd.

Supplied by an ISO9001 approved company.

MATLOCK

PALLET TRUCK 2500KG

MTL-985-1290K - 1150 x 550mm
MTL-985-1300K - 1150 x 685mm



CE RoHS

These instructions must be read by all users. Following these instructions carefully will help to avoid accidents, reduce repair costs and help to increase the lifetime of the pallet truck.

⚠ SAFETY

- These instructions must be read by all users. Following these instructions carefully will help to avoid accidents, reduce repair costs and help to increase the lifetime of the pallet truck.
- Before use inspect the pallet truck for any damage, wear and tear etc. If found remove the pallet truck from operation until a qualified engineer has repaired it with genuine parts.
- Before use inspect that the pallet truck hasn't any air in the hydraulic system. To eliminate the air turn the hand knob to the drop position and rock the handle 4-6 times. Release the operation knob. Repeat if necessary.
- Before use ensure the user has the correct protective clothing on.
- Locate the pallet truck in a suitable clean, tidy and well lit work area.
- Ensure the pallet truck is of the correct capacity for the load being lifted. DO NOT exceed the rated capacity.
- Ensure the pallet truck forks are positioned at the centre of gravity of the cargo. If the gravity centre is not in the middle of the truck forks the rated weight must be reduced.
- Never load loose or unstable goods.
- Do not park the pallet truck on a slope.
- When operating the pallet truck on a slope ensure that the operator pulls the pallet truck and that the operator is always nearer to the top of the slope then the pallet truck.
- Never attempt to turn the pallet truck on a slope.
- Never stop the pallet truck on a slope.
- Never operate in rainy conditions.
- Never operate in an explosive environment.
- Do not park the pallet truck anywhere where it may cause an obstruction.
- It is forbidden for the operator to stand or sit on the pallet truck.
- It is forbidden to use the pallet truck to transport humans.
- The operator must ensure the cargo is not stacked too high as this will cause the pallet truck to overturn.
- The operator should pay attention at all times to ensure any clothing or body parts do not get too close to the pallet truck in case of entrapment, crushing or personal injury.
- Untrained personnel should stand away at a safe distant whilst the pallet truck is in operation.
- Before entering on to an elevator ensure that the elevator can bear the load of the pallet truck, cargo and operator before entering.
- When not in use ensure that the lock is on and that the forks are lowered to the lowest position.
- When transporting the pallet truck ensure it is locked to prevent from moving.
- DO NOT use the pallet truck for purposes other than that for which it is intended.
- Store the pallet truck in a dry, well ventilated area.

SPECIFICATIONS

	MTL-985-1290K	MTL-985-1300K
Capacity:	2500kg	2500kg
Max. lift height:	200mm	200mm
Lowered fork height:	85mm	85mm
Fork length:	1150mm	1150mm
Width over the forks:	550mm	685mm
Steering wheel diameter:	Φ200mm	Φ200mm
Fork wheel diameter:	Φ80mm	Φ80mm

TROUBLESHOOTING

Faults	Causes	Trouble shooting
The forks can't be lifted to the maximum lift height.	Not enough hydraulic oil.	Add appropriate filtrated working oil.
The forks don't return to the lowest position.	1. Too much hydraulic oil. 2. The rotary parts are deformed or blocked. 3. The trunk piston and guide bushings are blocked.	1. Take out appropriate working oil. 2. Replace the parts.
The forks don't drop after being lifted.	1. There is something abnormal in the uploading device. 2. The parts are deformed and damaged.	1. Re-adjust the tension, see 'Testing' No.2 (page 3). 2. Replace the deformed and damaged parts.
Hydraulic oil leak.	1. The oil seal is missing. 2. The oil seal is worn or damaged.	1. Replace the oil seal. 2. Replace the damaged parts.
The forks do not lift.	1. The viscosity of the oil is too high, or there is no oil. 2. There is impurities within the oil. 3. There is something stuck in the lifting device.	1. Replace old oil with a suitable oil. 2. Drain the impurities and add new oil. 3. Re-adjust the tension see 'Testing' No.2 (page 3).
When the handle is pumped the forks drop immediately after they are lifted.	1. The oil pump valve is blocked.	1. Open the valve and clean out.

OPERATING INSTRUCTIONS

Ensure you have thoroughly read the Safety Instructions and Inspection & Maintenance section, and carried out any necessary procedure, before operating the pallet truck.

Assembly (see fig. 1 & 2):

WARNING!: It is important that you do not remove the spring compression pin (7) (see fig.4) until directed to do so in the below instructions. If removed before instructed this could result in serious personal injury and the spring would need to be reset by a qualified person.

1. Remove the safety split pin (2) from the side of the roll pin (1) (see fig.1).
2. Remove the roll pin (1) (see fig.1).
3. Insert the pump handle (3) in position (A) (see fig.1 & 2).
4. Then replace the roll pin (1) back through securing the pump handle in place,
5. Secure the roll pin (1) with the spare spring pin (2.1) supplied where the original safety spilt pin (2) was initailly removed from (see fig.1).
   Please note: The spare spring pin (2.1) can be found within the plastic bag where these instructions were placed.
6. Once the pump handle is secured, feed the chain (4) through the centre hole of the roll pin (1).
7. Take the end of the chain (4) where you will find the 2 spaced nuts. Slot the area of the chain between these nuts into the groove of the lever board (6) (see fig. 2 & 3).
8. To secure the chain tighten the top nut found on the chain (4) to the top of the lever board groove (6).
9. Finally pull the hand pump (3) down into a horizontal position and remove the spring compression pin (7) (see fig.4)

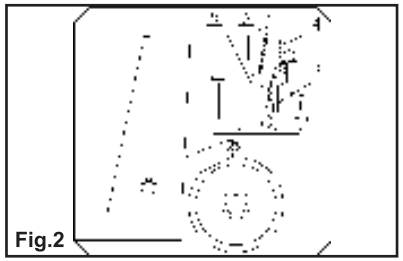
   Please note: Keep the spring compression pin (7) for future use.

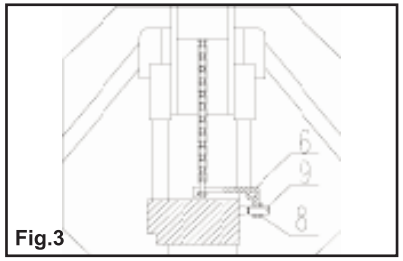
Testing:

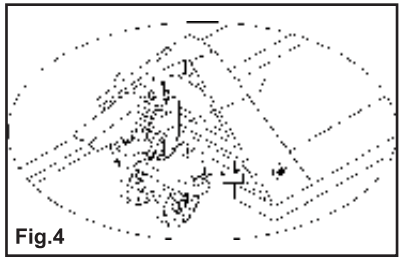
1. Once pallet truck is assembled, pump the hand pump (3) and place the control handle (10) into the 3 different positions (Drop, Free & Lift) to examine if working correctly (see fig.5).
2. The screw (9) (see fig.3) is used to adjust the trucks lifting tension, should you need to adjust the lifting tension screw (9) you first need to un-tighten the external hexagon locking nut (8) then adjust the screw (9) then tighten the locking nut (8) to lock.

Continued.....


Fig.1


Fig.2


Fig.3


Fig.4

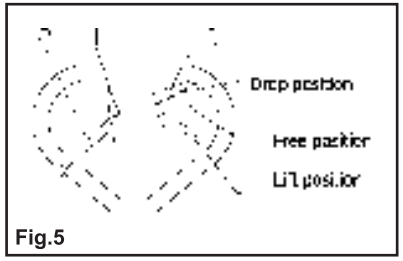


Fig.5

OPERATING INSTRUCTIONS

Continued.....

Before use:

If the pallet truck hasn't been used in a long time, air may get into the hydraulic system which will cause abnormal operation.
Before using you must bleed the air as follows:

1. Place the control handle into the 'drop position' (see fig.5) then pump the pumping handle 4 to 6 times.
2. Release the control handle.
3. The air will have now been released, if not repeat the procedure above until the pallet truck operates as normal.

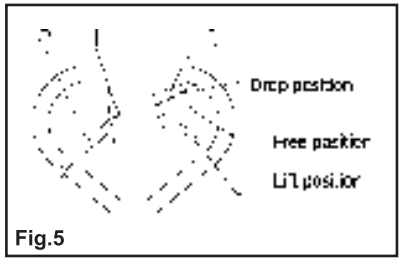
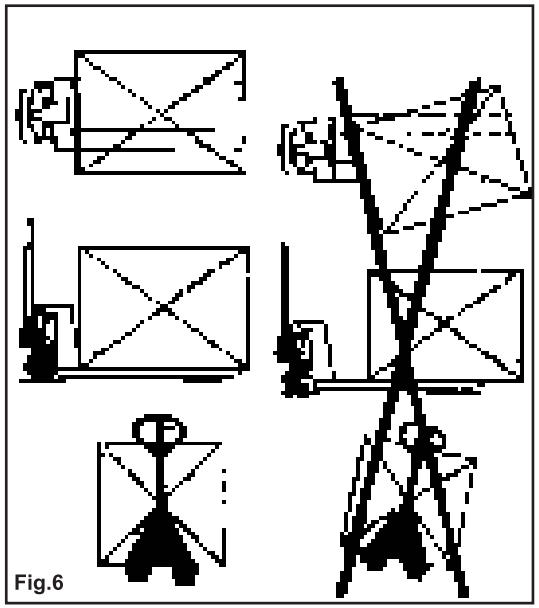


Fig.5

How to use:

1. Firstly make sure that the cargo weight doesn't exceed the pallet trucks rated load.
2. Secondly see fig.6 on how to load the cargo correctly. The ideal way to load is to make sure that the cargo's centre of gravity is in the middle of the truck's forks.
3. Once the pallet truck has been placed correctly under the cargo (see fig.6) place the control handle into the 'lift position' (see fig.5) then pump the pump handle up and down to lift the pallet truck forks.
4. Once the cargo has been lifted to the required height place the control handle into the 'free position' (see fig.5). This mode will disable the action of the pumping handle allowing the pallet truck to move freely without it's height being accidentally adjusted.
5. To lower the cargo place the control handle to the 'drop position' this will make the forks automatically drop.


Fig.6

INSPECTION & MAINTENANCE

To ensure the pallet truck remains in a safe working order, it should be subjected to inspections by a competent person at regular intervals, and before each use.
The pallet truck should be inspected for wear, damage or distortion, cracks, insecure bolts, corrosion, illegible markings or any missing parts. In the event of any defects, the pallet truck must be removed from operation and referred to a competent person for thorough examination and, if necessary, repaired with only manufacturer approved parts otherwise this will void its warranty.
The pallet truck must be examined immediately if it has been subject to an abnormal load or shock.
Ensure that the pallet truck is kept clean and moving parts are lubricated at least every three months.

Disposal of waste oil:
To dispose of the waste hydraulic oil please contact your local council who can advise you on where to safely dispose of it.

Please record any maintenance/ repairs in the table below for future reference:

Date of first use:

Date of inspection	Faults	Parts replaced/serviced	Signed by