

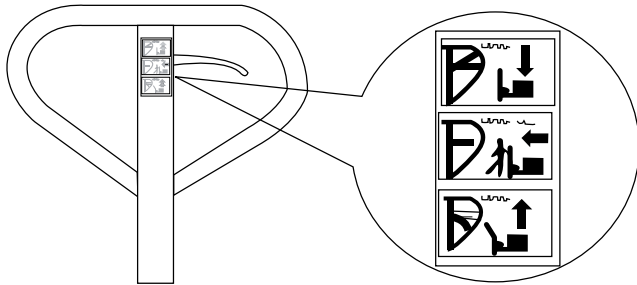
OPERATION



WARNING! Operator must read and understand instructions here and on truck prior to use.

On the handle of the pallet truck, you will find the control lever, which can be set in three positions. (See Figure 1)

Figure 1



- DOWN = to lower the forks
- NEUTRAL = to move the load
- UP = to raise the forks

1. If the forks elevate while pumping in the NEUTRAL position, turn the setting screw clockwise until pumping the handle does not raise the forks and the NEUTRAL position functions correctly.
2. If the forks descend while pumping in the NEUTRAL position, turn the setting screw counterclockwise until the forks do not lower.
3. If the forks do not descend when the control lever is in the DOWN position, turn the setting screw clockwise until raising the control lever lowers the forks. Then check the NEUTRAL position as per steps 1 and 2.
4. If the forks do not lift while pumping in the UP position, turn the setting screw counterclockwise until the forks elevate while pumping in the UP position. Then check the NEUTRAL and DOWN position as per steps 1, 2 and 3.



NOTE: When viewing the truck from the handle side, the setting screw is located on the right side of the pump above the right wheel. The truck will lower faster or slower depending on how far in or out the screw is adjusted.

MAINTENANCE

OIL

Check the oil level every six months. The oil capacity is about 0.3L. Restore the fluid level in the reservoir to 5mm below the top; this must be done with the forks in the DOWN position.

Use hydraulic oil ISO VG 32 or equivalent.
Oil viscosity should be 30cSt at 104°F (40°C).

HOW TO EXPEL AIR FROM THE PUMP UNIT

Air may enter the unit over time or when the seals are replaced. To expel the air, lift the control lever to the DOWN position and pump the handle up and down several times.

DAILY CHECK AND MAINTENANCE

Daily checks of the pallet truck can limit wear and tear on the unit. Pay special attention to the wheels, axles, handle, forks and lift and lower control.

LUBRICATION

Use motor oil or grease to lubricate all movable parts.

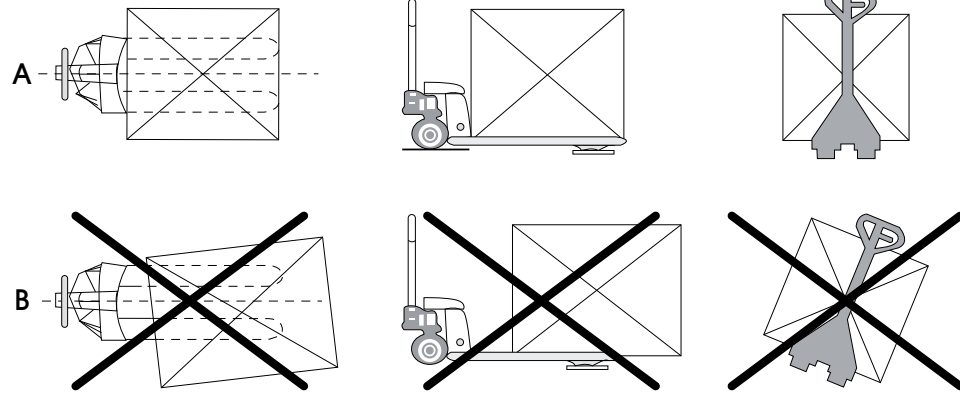
SAFETY

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

1. Do not operate the pallet truck unless you are familiar with it and have been trained and authorized to do so.
2. Do not use the truck on sloping ground.
3. Never place any part of your body in the lifting mechanism or under the forks or load. Do not carry passengers.
4. Operators should wear gloves and safety shoes.
5. Do not handle unstable or loosely stacked loads.
6. Do not overload the truck.
7. Always center loads on the forks, not at the end of the forks. (See Figure 2)

8. 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. (See Figure 2)
9. Make sure that length of the forks matches the length of the pallet load. (See Figure 2)
10. Lower the forks to lowest height when the truck is not being used.

Figure 2



TROUBLESHOOTING

OPERATING ISSUE	CAUSES	RECOMMENDATIONS
The forks do not lift to maximum height.	Not enough hydraulic oil.	Add more oil.
The forks do not raise.	Not enough hydraulic oil. The oil has impurities. The setting screw is not in the correct position. Air in the hydraulic oil.	Add more oil. Change the oil. Adjust the setting screw. (See Operation) Expel the air. (See Maintenance)
The forks do not descend.	The rod and/or cylinder are deformed resulting from a seriously unbalanced load. A part has been broken or deformed resulting from an unbalanced load. The setting screw is not in the correct position.	Replace the rod and/or cylinder. Repair or replace component. Adjust the setting screw. (See Operation)
Leaks	Seals worn out or damaged. Some parts may be cracked or worn out.	Replace seals with new ones. Check and replace with new ones.
The forks descend without being lowered.	Impurities in the oil cause the discharge valve to fail to close. Air in the hydraulic oil. Seals worn out or damaged. The setting screw is not in the correct position.	Change the oil. Expel the air. (See Maintenance) Replace with new ones. Adjust the setting screw. (See Operation)

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

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