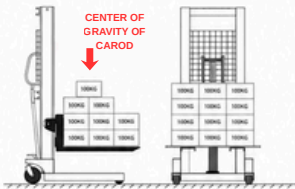




Mode	1T	1.5T	2T	3T
Load capacity	1000	1500	2000	3000
Max.lifting height	1600/2000/2500/3000			
Lowest fork height	100	100	100	105
Fork adjustablewidth(mm)	200-580	240-580	240-580	240-600
Lifting speed(mm/stroke)	20	20	14	10
Fork length(mm)	800	800	800	800
Turning radius (mm)	≤1450	≤1450	≤1450	≤1450
Overall leght(mm)	1280	1280	1280	1280
Overall width(mm)	730	730	730	740
Overall height (mm)	1980	1980	1980	1980
Fork width(mm)	100	120	120	120
Net weight (kg)	125	150	170	200

Correct use method



Fork Size

0.5T : The main frame width is 80mm, the fork length is 70cm, and the total height is 1580cm. The lifting height is 1150mm. the thickness of the steel plate is 4.5mm, the single chain width is 24.5mm and the diameter of the pump core is 31.5mm

1T : The thickness of the steel plate is 5.35mm, the width of the main frame is 100mm, the lifting is 1.6m, the length of the cargo fork is 83cm, the total height is 2050mm, the lower leg is 720mm, the diameter of the single cargo fork is 100mm, and the fixed steel plate of the bearing wheel is 3.56mm.

2T : Single fork width 120mm, fork length 830mm, fork thickness 5.6mm, lower leg width 720mm, pump core diameter 40mm, chain width 30mm, steel plate thickness 5.5-5.6mm, 6 bearing pulleys

3T : The main frame is 60mm wide, the thickness is 7.4mm, the pump core diameter is 45mm, the chain is 38.86mm, the bearing frame is 5mm, the fork length is 1000mm, the single cargo fork width is 140mm, the thickness is 6.3mm, the total height is 2050mm, and the lifting is 31600mm

Body material



Adjustable widthsum



Wheel Option

Strong load bearing force, low pulling resistance, with self-locking brake. Multiple wheels available

Step down and the brake pad bounces back



Customization

You can do it in any color



Lifting mode

Two lifting methods handle and foot are convenient for your use



Oil cylinder

Chrome-plated cylinder: smooth appearance and faster lifting
Oil leak proof design reduces maintenance



SAFETY INSTRUCTIONS

- The operator must read all warning signs and instructions in this manual and on the forklift before use.
- Do not use the manual forklift unless you are familiar with it and have been trained or authorized.
- Do not use the forklift without checking its condition. Pay special attention to the wheels, handle, guide frame, swivel wheel, door frame, etc.
- Do not use the equipment on sloping ground.
- Do not transport people on the forklift.
- The operator must wear protective equipment.
- When goods are being lifted, all persons must stay away from the forks to avoid accidents.
- Do not exceed the maximum permitted capacity.
- The weight should be distributed evenly across both forks; do not use a single fork.
- The center of gravity of the load must be in the center of the forks.
- People must not stand under the forks when they are raised more than 300 mm.
- Under special conditions or in special places, the operator must use the forklift carefully.

MAINTENANCE

Hydraulic oil

Check the oil level every six months. ISO VG32 hydraulic oil can be used; the recommended viscosity is 32 cSt at 40°C. The total volume is approximately 2.0 L.

Daily check and maintenance

Daily inspection of the forklift is required. Pay special attention to wheels, axles, threads, debris, etc., as these can block the wheels, forks or mast when the work is completed. The forks should be unloaded and lowered to the minimum position.

Lubrication

Use oil or petroleum jelly to lubricate all moving parts.

Air removal

Air can enter the hydraulic system during transport or use. This can prevent lifting to the desired height. Air can be removed as follows: pull the control handle to the “down” position and move the pump handle up and down several times.

ADJUSTING THE LOWERING SYSTEM

The manual forklift has a control handle (FS107) that can be set in three positions:

LOWER = lower the forks NEUTRAL = move the load LIFT = raise the forks These positions are factory set. If they have been changed, they can be readjusted according to the instructions:

1. If the forks rise while pumping in the NEUTRAL position, turn the adjustment screw clockwise until pumping no longer raises the forks and the NEUTRAL position operates properly.
2. If the forks lower while pumping in the NEUTRAL position, turn the screw counterclockwise until the forks stop lowering.
3. If the forks do not lower when the control handle is in the LOWER position, readjust the mechanism.

TROUBLESHOOTING

No	Problem	Cause	Solution
1	Forks cannot reach maximum height	Hydraulic oil is insufficient	Add hydraulic oil
2	Forks cannot be lifted	<ul style="list-style-type: none"> - Lack of hydraulic oil - Oil contains impurities - Nut (FS116) is too tight or screw (F229) is too loose, keeping the pump valve open - Air in the hydraulic system 	<ul style="list-style-type: none"> - Refill with oil - Change the oil - Adjust the nut (FS116) or screw (F229) (see section 4.4) - Remove the air (see section 3.4)
3	Forks cannot be lowered	<ul style="list-style-type: none"> - Piston (F248) or pump rod (F225) / mast (F346) is deformed due to overloading or unbalanced loading - Fork has been kept in the raised position for too long, causing rust or jamming of the piston rod - Nut (FS116) or screw (F229) is not in the correct position - Rollers (F327) are not lubricated 	<ul style="list-style-type: none"> - Replace the damaged part - Keep the forks in the lowest position when not in use and lubricate the rod - Adjust the nut (FS116) or screw (F229) (see section 4.3) - Lubricate the rollers

4	Leakage	<ul style="list-style-type: none"> - Worn or damaged parts \n- Worn or damaged seals 	<ul style="list-style-type: none"> - Replace with new parts \n- Replace the seals
5	Fork lowers without activating the lowering valve	<ul style="list-style-type: none"> - Impurities in the oil prevent the valve from closing completely \n- Some hydraulic components are cracked or damaged \n- Worn or damaged seals \n- Nut (FS116) or screw (F229) is not in the correct position 	<ul style="list-style-type: none"> - Replace the oil \n- Inspect and replace defective parts \n- Remove the air (see section 3.4) \n- Replace the seals \n- Adjust the nut (FS116) or screw (F229)