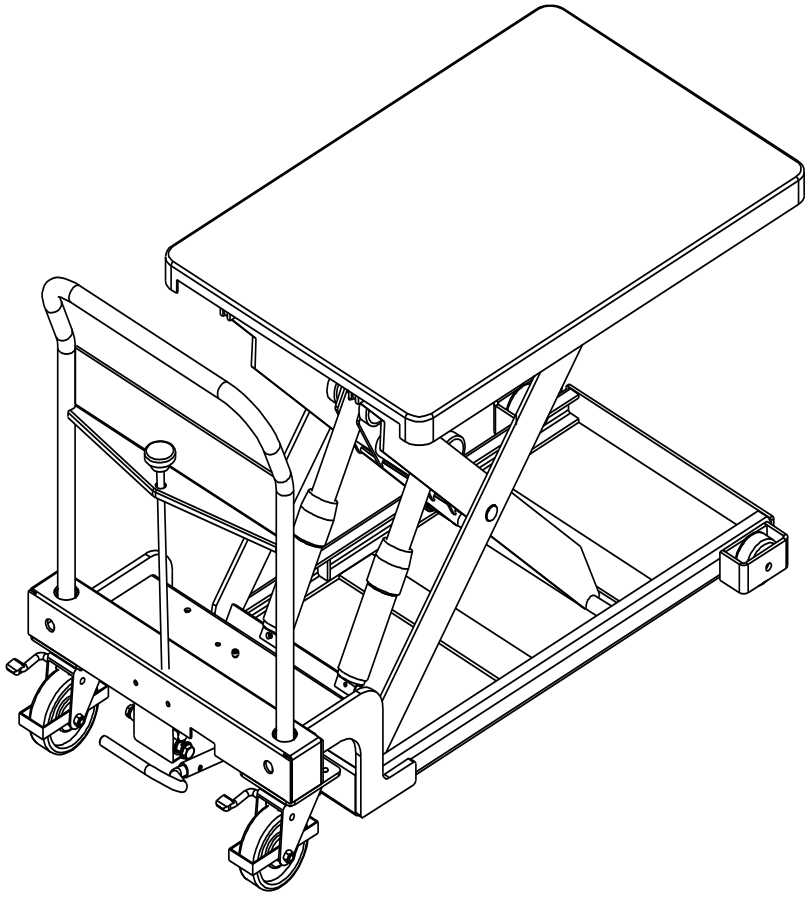
Instruction Manual

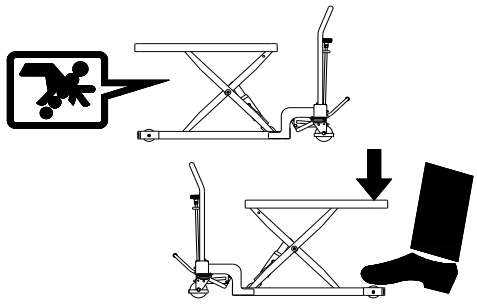
PCR100 PCR200 PCR400



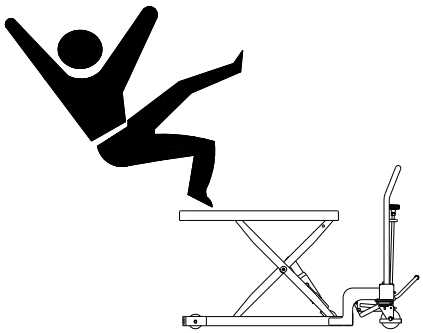
NOTE: Owner/Operator must read and understand this instruction manual before using the lift table.

WARNING

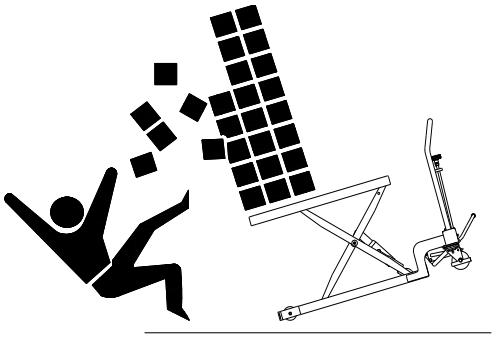
The following operation would cause an accident resulting in injury or death such as getting buried under a fallen cargo or the lifter. Do not conduct such operation.



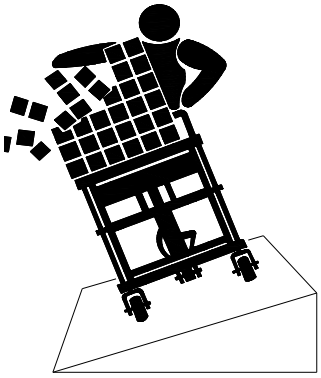
■ **Do not step in or put hands under the table. The table or arm may catch the operator's fingers or toe when lowering the table.**



■ **Do not put any person on the table and a cargo thereon**



■ **Do not load over the maximum loading capacity. Secure a good balance of a cargo to be loaded. Be sure to load equally more than 2/3 of surface area of table. Concentrative, partial, or over Loading may cause damage on the lifter or galling Down of the carriage.**



■ **Do not use the lifter on a floor having an inclination, a difference in level and bumpiness or on a soft surface road.**

CAUTION

Incorrect operation might cause an accident resulting in injury or death.

(1) Be careful not to damage the high-pressure hose. If the hose is rubbed against the rough floor or sharp protrusion, the hose may be broken and the table will be dropped Suddenly.

(2) Do not modify the lifter yourself.

(3) Do not keep the table lifted for a long time. The table comes down little by little. While not using the lifter, keep the table to the bottom.

(4) Use and keep the lifter indoors. The lifter is not applicable to the environment where metals are prone to corrosion.

Method of Operating the Lifter

1. Lifting the table

(1) Brake the caster.

(2) Slightly turn the descending lever clockwise to close the valve. (do not close the valve too tightly).

(3) Load cargos within the permissible load. When you load a cargo beyond the permissible load, the check valve functions, and the cargo will not be lifted up

(4) Secure a good balance of a cargo to be loaded. Be sure to load equally more than 2/3 of surface area of table. Concentrative, partial, or over loading may cause damage on the lifter or falling down of the carriage.

2. Lowering the Table

(1) Brake the caster.

(2) Slowly loosen the descending lever counter clockwise, then the valve opens and the table begins to lower.

(3) The lowering speed can be adjusted by the degree of looseness of the release valve. Do not loosen the valve rapidly, the table drops rapidly and the cargo, lifter, and/or floor would be damaged.

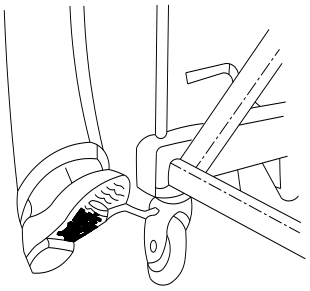
3. Moving the lifter to Transport a Cargo

(1) Release the brake of the caster.

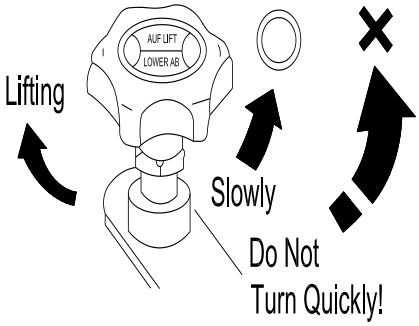
(2) Carry a cargo after lowering the table. The center of gravity is low enough to secure stability.

(3) While traveling, do not start, turn, stop, or use brake suddenly.

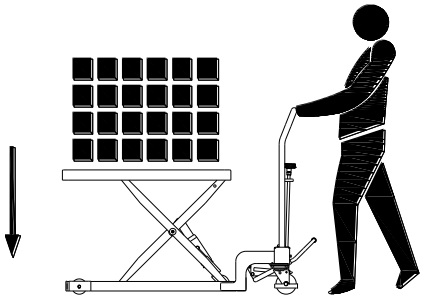
■ **Parking Brake**



■ **Descending Lever**



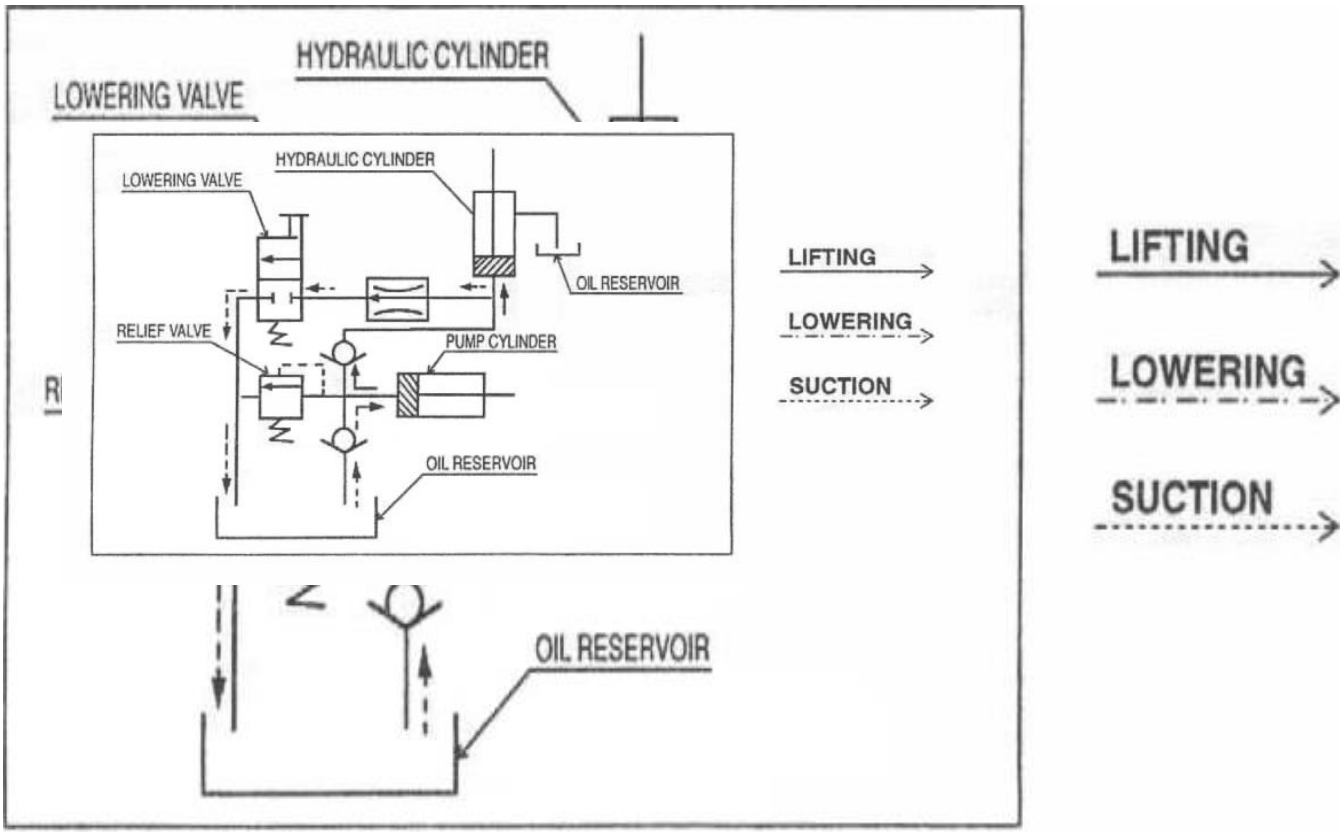
■ **Transporting Posture**



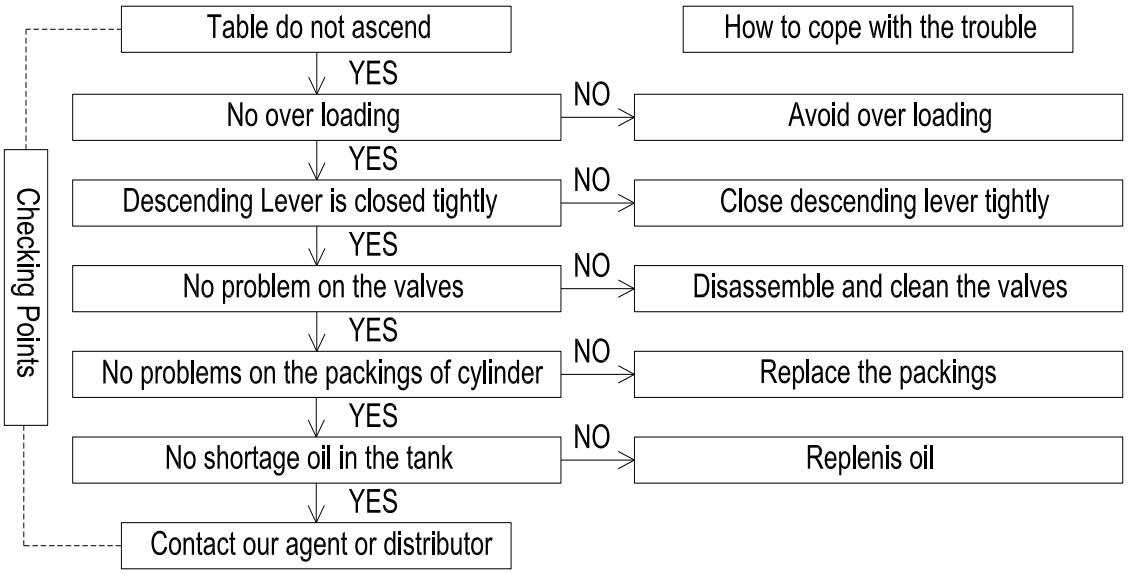
SPECIFICATIONS

Model	PCR100	PCR200	PCR400
Capacity (Kg/1b)	100	200	400/880
Table Size (mm)	750×400	830×500	900×600
Max. Fork Height (mm)	600	600	600
Min. Fork Height (mm)	90	90	90
Handle Height (mm)	1100	1100	1100
Ground Clearance (mm)	10	10	10
Front Load Roller (mm)	∮60	∮60	∮60
Steering Wheel (mm)	∮125	∮125	∮125
Overall Size (mm)	1190x470	1260x520	1320×620
Foot Pedal Without Rated Load	9	15	25
Foot Pedal with Rated Load	25	48	84
Net Weight (Kg)	58	74	108

Hydraulic Circuit



Dealing with trouble of not ascending the table.



Starting inspection and periodical inspection

Be sure to carry out the following inspections when you begin using the lifter and periodically (monthly and yearly) to maintain safety of work and performance of the lifter.

Contents to be inspected

- Check if there is any metal fatigue, distortion or abnormal sound in each frame.
- Check if there is any looseness in the bolts and nuts in each portion.
- Check if there is any abnormal abrasion in the rotating parts, metal and bush.
- Check if there is any abnormality in the wheels, and what is the degree of abrasion of the wheels like.
- Check if the brake works properly.
- Check if there is any abnormality in the ascending and descending operation and function of the lifter.
- Check if there is any oil leakage from the cylinder of oil tank.
- Check if there is any abnormality in the high pressure hose for flaw or oil leakage.

■ Exchange the pump oil once a year.

The pump oil dose not have to be replenished for half a year to one year unless it leaks out.

※Use of brake oil is strictly prohibited.