

LEVER HOIST 1.5 ton SWL, 1.5m Drop Chain

CONSTRUCTION & OPERATION

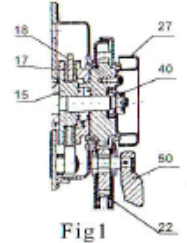
The lever block is equipped with a transmission mechanism of two-step gears and with a "Free Breaker" system with permits quick spotting of bottom hook. Its main step of operation is as follows:

Quick reverse operation

Set the selector lever (50) to the "N" position. Turn the hand wheel (27) counter-clockwise. When it stops, the brake is disengaged, and that allows the load chain to be pulled by hand easily and the bottom hook to be adjusted to any desired position.

Lifting load

Set the selector lever to the "UP" position. Turn the hand wheel clockwise. When it stops, the load chain is tightened and the brake is engaged, thus allowing the lever handle (22) to be operated by hand and the load to be lifted. Set the selector lever to the "Down" position and move lever handle up and down, so that the load can be lowered and work can be ended.



OPERATION INSTRUCTIONS

1. The lever hoist should only be operated by a trained and competent person.
2. Do NOT...
 - a. Overload the unit
 - b. Exceed the rated capacity of the lever hoist
 - c. Use an extension on the lever
 - d. Motorise the lever block as it is designed for hand operation only
 - e. Leave suspended loads unattended
 - f. Use the hoist for lifting people.
3. Ensure suspension and anchorage points are adequate for the full load being lifted.
4. For the sake of safety, passing or working under a lifted load is prohibited.
5. All moving parts should always be kept well lubricated. Before operating, see that the various parts are not damaged and are in good condition.
6. Before operating, inspect the hook to see whether it is securely attached to the load. The load chain should not be twisted to ensure operator safety.
7. Stop operating immediately if the lever mechanism becomes stiff and unresponsive. Check the unit for the following:
 - a. Whether there is anything entangled with the load.
 - b. Whether there are any problems with the lever block itself.
 - c. Whether the load has exceeded the rated lifting capacity of the lever block.
8. Do not use the unit in unsuitable weather conditions. Do not expose the unit to rain water or excessive humidity.

MAINTENANCE

1. After use, clean off any dirt on the block and grease all moving parts.
2. Keep the unit stored in a dry area.
3. Ensure the lever hoist is inspected and maintained regularly by a competent person.
4. Keep the load chain lubricated and free from debris.
5. Check the operation of the brakes regularly.
6. Before use, checks for the following defects:
 - a. Wear damage to hooks
 - b. Damage to chains, i.e. distorted links
 - c. Bent, stretched or corroded links in the chain.

EIGHT "DON'T'S" THAT SHOULD BE OBSERVED

Since the lever block handles heavy objects, neglect of safety precautions can lead to damage to equipment, property or personnel.
You cannot be too careful when using lifting equipment.

