

# Kenco Kerb Lifter

### Hazard and Risk Assessments

Before using this equipment, the job you are doing must be assessed for foreseeable hazards and risks and appropriate measures to eliminate, control or reduce those risks must be taken before you commence work.

### Suggested PPE (Personal Protective Equipment):



Protective Gloves



Protective Footwear



Hard Hat

Note: PPE must be suited to the risks and person(s) using the equipment.

### Safety Instructions:

- Operating Instructions** – Before using this equipment ensure you have read the ‘Operating Instructions’ or “Instruction Manual” and taken note of the ‘Hazards and Risks’ detailed on this instruction sheet and taken all necessary steps to prevent injury.
- Personal Protective Equipment** – Use appropriate personal protective equipment for the job.
- Service Advice** – The safe use and application of this equipment must be in accordance with AS3610, the Occupational Health and Safety Act, approved Codes of Practice and any other regulatory requirements.



Always perform  
A test lift



Keep Hands  
Clear of operations



Lifting surfaces  
Must be Clean

### HAZARD: Crush Injury

...Kerb being lifted could swing and trap/crush personnel.  
...Component failure, could cause Kerb to fall

### Inspection

A competent person must inspect all components of the Lifting device for any signs of damage or wear. Inform Shore Hire of any damaged, defective or inadequate components.

### Safety Recommendations

- A competent person must to read and understand the instruction manual.
- Ensure that all personnel are wearing proper personal protection equipment.
- Always ensure that other personnel are out of range of the load/unload area, and that they are aware that a lifting device is in use in their work area.
- Ensure that appropriate delineation of the area is installed to warn of Hazards & prevent anyone from entering the load/unload zone.

- Make sure all lifting equipment is within test date, and that all rigging components are equal to or greater than the combined weight of the intended load plus the lifter.
- Use as few rigging components as possible.
- When Lifting and/or moving kerbs, always ensure they do not come into contact with any other objects, as the lifting device relies upon the weight of the object being lifted to produce grip.

### Operating Kerb Lifter



Before attempting to use the device ALWAYS perform a test lift on the intended object(s) to confirm proper operation. DO NOT use a Lifter to handle objects beyond the rated capacity or range.



Manipulation of the device by ground personnel for the purpose of alignment with load shall only be done with the device suspended above the Barrier. KEEP ALL HANDS AWAY FROM LIFTER DURING OPERATION.



Pads and surfaces of the load that come into contact with the pad surfaces MUST BE CLEAN and free of any foreign material or coating that could compromise the grip.

### Automatic operation

- Ensure that the device’s capacity and range are appropriate to the barrier to be handled.
- Ensure pads are clean and free of debris or contamination.
- Position device at or near center of object to be lifted.
- Lower device onto object, taking care to minimize impact.
- Ensure that all persons are clear of the device and barrier.
- Release tension on lift cable.
- Raise the device and load in a smooth motion, do not “jerk”.
- Deposit at desired location.
- Release tension on lift cable. (Note: avoid undue slamming of the device into open position to prolong actuator life.)
- Remove lifting device (it is latched in open position automatically)

### FULLY AUTOMATIC OPERATION SEQUENCE

1. Lifter is positioned in place above the Barrier
2. Operator lowers lifter, fully collapsing the unit onto the Barrier
3. The lifter is raised, gripping the Barrier automatically
4. Barrier is carried to destination and the lifter is collapsed to release Barrier



**Tip:** The majority of wear on the Kenlift®, pads, and associated components results from shock loading, impacting, and poor alignment of the Kenlift® with the load. Minimizing these incidents will greatly extend the life of the Kenlift®.

Avoid Jarring, swinging, and otherwise unnecessary manipulation of the load.

Avoid handling of loads off center.

DO NOT USE THE Kenlift® TO PICK MULTIPLES OF ITEMS IN A SINGLE PICK.

Observe all safety practices associated with operation of hoist machinery.

DO NOT USE Kenlift® TO DRAG LOADS.

DO NOT ALLOW LOAD (BARRIER SECTION) TO CONTACT ANY SURFACE/OBJECT WHILE BEING HANDLED.



The Kenlift® barrier handling device produces grip proportional to and dependent on the weight of the barrier being lifted. It is for this reason that while in operation the Kenlift and barrier NEVER be allowed to contact other items.

## Kenco Kerb Lifting Device

### RISK ASSESSMENT (1= HIGH RISK, 5 = LOW RISK)

Risk (Ranking)	Description	Control
2	Risk of crushing swinging	Keep Load/Unload area clear of people, use delineation
1	Risk of entanglement	Make sure hands are kept away from the device when in use.
2	Barrier falling	Take care when maneuvering barrier to avoid hitting objects.
		Perform inspection prior to lift and do not lift over people