



# Using the Kerbstone Lifter

1. Wear your safety boots, safety helmet and gloves.
2. Ensure that the item to be lifted is cleaned of all dust and debris.
3. Do not attempt to lift wet items.
4. Switch the vacuum pump on by operating the power switch.
5. Position the lifter onto the load and activate the vacuum valve. The vacuum gauge will indicate the negative pressure. Wait until the negative pressure shows the safe working level. Do not attempt to lift until the safe vacuum is reached.
6. Have the load lifted with the lifting device steering it to its final position with the steering handles.
7. Only when the load is resting in its final position can it be released by closing the vacuum valve.
8. Always keep your load as close to the ground as possible.
9. Take extra care when transporting a load above head height. Do not allow anyone underneath the load. Never work under a load while it is suspended.
10. Make sure you understand how the equipment works – before you use the kerb lifter you must be aware of the potential hazards present and what precautions to take.
11. Do not leave a suspended load unattended; always lower it to a firm base.
12. Do not exceed the safe working load (SWL) marked on the kerb lifter or the lifting device.
13. If the vacuum gauge reading declines during the lifting process immediately lower the load to the ground. Check the equipment – if the problem is not apparent contact the hire company.
14. Keep hands and feet clear while lifting or lowering – they could become trapped between the load, the ground or any projecting fixture.
15. If your equipment does not work properly, do not attempt to repair it – contact the hire company hire company.

Please store this leaflet safely. It may be required for further information



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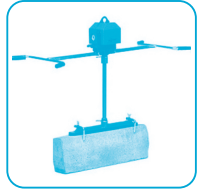
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# Kerbstone Lifter

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

## It is important to read all of this leaflet BEFORE using the Kerbstone Lifter

1. Plan your work and think ahead to make sure you will always be working safely.
2. The battery operated kerbs lifter is designed to assist in lifting kerb stones, slabs or any object made of concrete, metal, wood and fibre, as well as sheeting, barrels, containers etc using a variety of suction cups.
3. The action of this kerb lifter can cause injury or damage if the equipment is not used in a careful and controlled way. Loads should be kept as close to the ground as possible.
4. Using the kerb lifter will require co-ordination between the person operating the lifter and the person controlling the lifting device. A team leader should be appointed and each member should understand the agreed commands.
5. If you have not used this type of equipment before, familiarise yourself with how it works and the hazards it presents before you start work.
6. You must have at least the following items of personal protective clothing: safety boots to EN345 or BS870/4972; safety helmet – EN397 or BS5240; gloves.
7. This kerb lifter must not be used by minors, or by anyone under the influence of drugs or alcohol.
8. This kerb lifter is designed for operation by one or more able bodied adults. Anyone with either temporary or permanent disability must seek expert advice before using it.



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- ### ACCESSORIES
1. Use only the correct batteries for our equipment as supplied by the hire company.
  2. Use only the correct charger as supplied by the hire company and follow any separate charging instructions given.
  3. Plug the residual current device (r.c.d) into the 230 volt socket when recharging batteries. Plug the charger into the r.c.d.
  4. Do not use a battery-powered tool while it is being recharged – you may overload the electrical circuits and the batteries may explode.
  5. Toxic and flammable fumes are produced when charging some types of batteries.
  6. Charging should be carried out in a dry, cool, well-ventilated and safe location away from other people.
  7. Do not attempt to recharge ordinary batteries. They will explode!
  8. Do not throw away old or leaking batteries – return them to the hire company.



# Before Starting Work...

- ### OPERATORS
1. The following items of personal protective clothing are the minimum that should be worn whenever you use this kerb lifter: safety boots; safety helmet; gloves.
  2. Particular jobs or environments may require a higher level of protection.
  3. Anybody who is working near to you will also need to wear appropriate personal protective clothing.
  4. Ensure that each member of the team assisting in using the kerb lifter understands the agreed commands.
  5. The kerb lifter will require a lifting device capable of lifting the combined weight of the kerb lifter and the item being lifted.
  6. Ensure the steering handles are securely fixed to the lifter.
  7. Check that the suction cups are not damaged or dirty.
  8. Ensure the battery is fully charged before attempting to lift a load.
  9. Familiarize yourself with the warning lights indicating low or fully charged battery.
- ### LIFTER
1. Check the kerb lifter and all its equipment. If anything is found damaged, do not use the kerb lifter – contact the hire company.
  2. Do not exceed the safe working load (SWL) marked on the machine.
  3. Check that the lifting device is capable of lifting the combined weight of the lifter and the item being lifted.
  4. Ensure the steering handles are securely fixed to the lifter.
  5. Check that the suction cups are not damaged or dirty.
  6. Ensure the battery is fully charged before attempting to lift a load.
  7. Familiarize yourself with the warning lights indicating low or fully charged battery.
  8. Do not attempt to recharge ordinary batteries. They will explode!
  9. Do not throw away old or leaking batteries – return them to the hire company.
- ### WORK AREA
1. Make sure that your work area is clear and safe and that no-one is near to you or could distract you.
  2. Keep others, especially children and animals away when using this equipment. Set up an exclusion zone around the area where the kerb lifter is being used, with physical barriers, barrier tape and signs.
  3. Work should stop immediately should anyone, other than those directly assisting with the work, enter the exclusion zone.
  4. Clear the area of trip hazards such as rubble, rubbish etc.
  5. The kerb lifter will require a lifting device capable of lifting the combined weight of the kerb lifter and the load. This may be a construction machine that can be used for lifting, a vehicle mounted crane (Hiab or similar) or a wheeled version of the kerb lifter as shown below.
  6. Ensure that the working area of the lifting device is clear of overhead obstructions, power cables etc.

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