



# Using the Bumpa Hoist

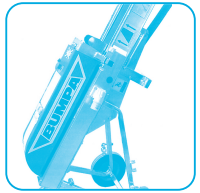
1. Personal protective equipment must be worn at all times whilst operating the machine.
2. When connecting the electric motor to a 110v power supply a cable no longer than 10m should be used to avoid a voltage drop.
3. Check that the stop/power button is illuminated but not flashing, if the button is flashing then it indicates that one of the emergency stop buttons has been activated or the pendant control is not connected properly.
4. Adjust the loading guides at the base of the machine to ensure that the load goes up evenly.
5. When reversing the load will stop automatically on the stop gate at the base of the machine.
6. Do not improvise any replacement for worn or damaged parts. Only use replacements supplied by Mace Industries or the hire company.
7. Make sure nobody does anything to the machine that would affect its performance or is likely to damage it.
8. Do not use the machine to carry anything that is flammable or any materials that are hot and may set fire to or damage the hoist.
9. A competent person should check the connections at least once a week.
10. If the Bumpa hoist does not appear to be working properly, do not attempt to repair it. Contact the hire company.

Please keep this leaflet safely as it may be required for future reference

# Electric Bumpa Hoist

Please read the entire leaflet before using the Bumpa hoist. There are rules and procedures that may require the person responsible for this equipment to carry out a specific risk assessment. This leaflet is not a substitute for a properly executed risk assessment.

1. This leaflet is intended as guidance on the safe erection and use of a Bumpa hoist.
2. A competent person must take responsibility for the safe use of the Bumpa hoist.
3. If you have not used this type of hoist before, familiarise yourself with how the Bumpa hoist works before you start loading the machine.
4. The Bumpa hoist is designed to provide a quick and safe way of transporting tiles, bricks, blocks and buckets from ground level to a roof, or similar high place, or from the roof to ground level.
5. Plan ahead to make sure that you are in a suitable environment to use the hoist.
6. The following items of personal protective equipment must be worn as a minimum – hard hat, safety boots and ear muffs or plugs giving protection up to 87dB(a).
7. The Bumpa hoist must not be used by minors or by anyone under the influence of drugs or alcohol.
8. The Bumpa hoist is designed for operation by an able bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using it.
9. The Bumpa hoist is a heavy machine, get help if you have to unload it from your vehicle. Do not lift beyond your own capabilities.



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**DISMANTLING THE BUMPA HOIST**

1. The Bumpa hoist should be dismantled by reversing the erection procedure.
2. The Bumpa hoist should be lowered gradually using the same rope method used to pull the machine up.
3. Do not attempt to lower the machine until the motor has been stopped, is safe, and there is nothing on the belt.

**110V ELECTRICAL SAFETY**

Your machine will only operate 110V. 110V machines will have a yellow industrial plug fitted.

1. If you are using a portable transformer, plug the transformer directly into the 230v socket. Do not use any 230v extension leads.
2. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it, unroll it fully or it will overheat and could catch fire.
3. Make sure that any extension cable connections are dry and safe.

**Only the 10 metre Bumpa hoist:** To support the middle of the machine the prop extension should be put in place to stop the machine from bending in the centre.

2. Lock wheel brakes on, then with one individual standing on the hoop at the base of the machine to counterbalance the weight, a second individual raises the opposite end of the machine until the hoop reaches the floor.
3. Release anti-tilt catches then walk out and rest the head of the machine on the ground.
4. With an individual supporting the centre, release the brakes and walk the base backwards until the machine is fully open, keeping hands clear of the hinge piece.
5. Remove clip from base section and place it through the hinge to lock it into place.
6. The head of the Bumpa hoist can then be raised to the roof or scaffold by rope.
7. Once the machine head is on the scaffold it can be tied to the boards or held in place on a scaffold pole with a scaffold clamp.
8. Only the 10 metre Bumpa hoist: To stop the machine from bending in the centre.

9. Finish erecting the machine by fixing the scaffold chute and pendant control to the end of the machine.



## Before Starting Work...

## WORK AREA

1. An appropriate person should assess the suitability of the products to be carried up on the Bumpa hoist. It must be able to safely carry cargo up either in the buckets or on the supports.
  2. Do not use this machine where there is a danger of explosion. It may ignite fumes from petrol or gas cylinders.
  3. If the Bumpa hoist is to be clamped to scaffold, the scaffold should be made informed so that provision can be made for it.
  4. Confirmation should be sought from the scaffold erector that the scaffold assembly is capable of supporting the Hoist, if there is any doubt then the scaffold erector should be present when the machine is being erected.
  5. Other persons working nearby must be given adequate protection from any suitable overhead protection from falling debris.
- OPERATORS**
1. The following items of personal protective equipment (PPE) are the minimum that should be worn whenever the equipment is used. Particular jobs or environments may require a higher level of protection. Ensure there is no loose or flapping clothing that could get caught in the machinery.
  2. Safety boots must be worn at all times when operating the machine.
  3. A safety helmet must be worn when working at height and always when against falling objects.
  4. Gloves should be worn to protect hands.
  5. Anyone working nearby should also wear appropriate PPE.
- BUMPA HOIST**
1. Inspect the Hoist and all equipment thoroughly. This should be carried out on first use and on a daily basis.
  2. If any problems are encountered with the Bumpa hoist or other hired equipment – do not use. Contact the hire company immediately.
  3. The machine should be serviced and tested least once a year by a competent person.
- ERECTING THE BUMPA HOIST**
1. First select a suitable level area to open the hoist. Always check for overhead obstructions prior to opening the hoist.