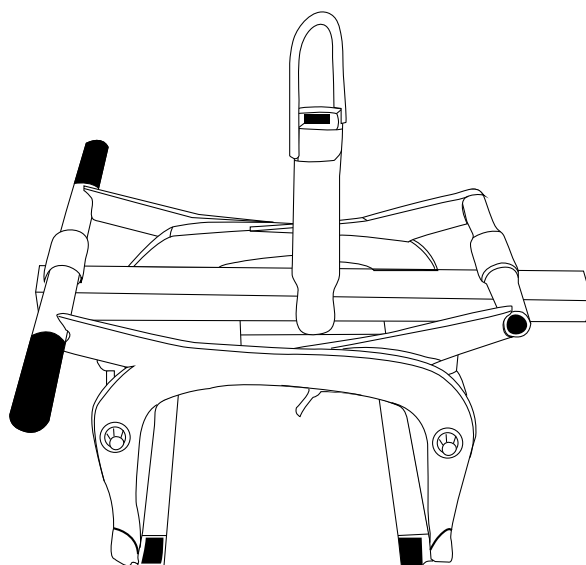


# PRODUCT CODE: MH701

PRODUCT DESCRIPTION: KERB GRAB

PRIMARY FUNCTION: FOR THE LIFTING AND PLACEMENT OF KERBS



Suitable for lifting all types of kerbs, steps and other preformed sections.

Mechanically lifted by means of a lifting eye. Automatic load and release mechanism. Easily adjustable by means of a spring loaded pin.

Cap. Kg	Clamp Range	Wt. Kg
500	50 - 600	29

POWERED BY KNOWLEDGE

DISCOVER MORE, VISIT [WWW.CQEGROUP.COM](http://WWW.CQEGROUP.COM)

## BASIC SAFETY

**IMPORTANT:** Read these instructions before using this equipment. If there is anything you do not understand or if you have any concerns **DO NOT** use this equipment. Contact your supervisor or Conquip for advice.

You should check that you have considered all the safety requirements for the task you are doing and that this equipment is suitable.

You must protect bystanders and the general public by preventing access to the working area.

**DO NOT** use this equipment if you are tired, unwell or under the influence of alcohol or drugs. If you are taking any medicine or undergoing treatment you should inform your supervisor.

You must be competent, alert and medically fit when using this equipment. If you have a medical condition, a mental or physical disability, you must seek advice from a medical professional before using this equipment.

A **RISK ASSESSMENT** must be complete by a competent person before using this equipment to control risks, produce a safe system of work and ensure safety for you, your colleagues and others.

Your risk assessment will determine the correct Personal Protective Equipment (PPE) for the task you are doing. You **MUST** use it.

Conquip recommends that you should wear:

- Suitable Clothing
- Gloves
- Hard Hat
- Protective Footwear (steel toecaps)



**DO NOT** wear loose clothing or jewellery and tie back long hair to avoid becoming tangled or trapped in this equipment. You **MUST** make everyone in the work area aware of what you are doing. **NO SURPRISES.**

This equipment should be operated, stored and transported upright.

Make sure you know how to use this equipment and understand all aspects of its operation in case of emergency. This equipment weighs more than 25 kg. **DO NOT** lift or manhandle without machine assistance.

This equipment must be inspected by a competent person before use and then regularly, as determined by your risk assessment or working practice. If you have any concerns about condition or suitability **DO NOT USE.**

**DO NOT** operate this equipment near overhead power lines.

**TAKE CARE** in confined spaces, near ceilings or similar hazards. This equipment was designed for vertical lifting. **DO NOT** drag, tilt or swing.

Before lifting, check that the load is balanced and stable. Keep all personnel clear of raised loads and far enough away to allow for movement caused by a shifting load.

**CRUSH RISK.** Keep hands and feet clear of this equipment at all times to avoid injury.

**DO NOT LEAVE UNATTENDED.** The operator must remain in control of this equipment whenever it is loaded.

Before lowering a load make sure that the landing zone is clear and capable of accepting the size and weight of the load.

Manoeuvre loaded or raised equipment carefully. Travel and turn slowly to avoid unit becoming unstable.

Please distribute the load in this equipment evenly.

**DO NOT** exceed the maximum working load limit shown on the serial plate.

Before lifting, forks must be fully engaged and the security chain or heel pins **MUST BE** correctly fitted.

**HEAD, HANDS & FEET** must be kept clear.

Trucks used for lifting and moving this equipment must be capable of lifting the equipment and its load.

**DO NOT** exceed **WORKING LOAD LIMIT.**

Before operating this equipment make sure that the working area is clear of hazards, obstructions and personnel.

Check that the equipment has the correct load rating and dimensions for the intended load.

Before operating this equipment, check that you have enough space for you to work safely. Allow space for the equipment to move if the load shifts.

## PREPARATION

Ensure the work area is clear of all obstructions.

Check that the scissor grab is suitably rated to lift the load and of the correct size.

Ensure adequate room around the unit for the operator to work safely.

## DESCRIPTION

There are two main types of grab; manually lifted and crane lifted. Some models have auto grip / release.

It is important that you study these instructions and ensure that you follow the correct information for the version you have.

## ADJUSTING THE GRAB

Take the grab to the material and adjust the grip faces to suit the length of the load.

Adjustment is achieved by either removing a pin or wing nut and bolt.

Once removed, slide the grip faces either together or apart as close to the length of the bricks / block as possible.

Replace the pin or wing nut and bolt.

If the bolt or pin becomes lost or damaged. **DO NOT USE THE UNIT** or replace with another bolt / pin.

Where the lifting handle position is adjustable, simply remove the 'R' clip followed by the main pin. Lift the handle clear and move 90 degrees, then re-insert pin and clip.

## MANUAL LIFTING

Position the grip faces against each end of the material ensuring that they are squarely aligned, then lift by the handles.

**DO NOT** drag the load; this equipment is for lifting the load clear of the ground.

Take the material to where it is required and lower gently to the ground. Once lowered, move the grab clear.

## CRANE LIFTING

Attach the lifting equipment's hook to grabs lifting eye. Always ensure that the hook's gate is correctly closed.

The grab arms should not be in contact with the ground. However, when lifting blocks, the grab arm should be no higher than 1/3 up the block.

Always try to lift the material end on rather than the sides. The loads length must not be greater than the grab arms. DO NOT drag the load; this equipment is for lifting the load clear of the ground. Raise the grab and position over the load, checking that it is centrally aligned before lowering. Lower the grab until the automatic locking mechanism closes onto the load. You can now carefully raise the load just off the ground and check for balance and security. Remember; DO NOT allow hands or feet to come between or below the grab and the load. If all is OK, proceed to move the load to its required position. Move slowly and carefully; do not jolt the load. When in position, lower the load until in contact with the ground. The grab jaws will automatically release and allow you to raise it clear of the load. You can now proceed to the next load. Caution; an unloaded grab will alter between grip and release each time it receives a jolt. This may cause the jaws to be out of sync when you next attempt to 'grab' a load.

#### FINALLY

With the grab free of any load, lower it to the ground. Where

applicable, release the lifting equipments hook and drive it clear.

All the remains is to give the grab a thorough clean ready for return.

#### LOAD DAMAGE

**This type of lifting equipment relies upon a 'crushing' force to grip the load prior to and during the lift.**

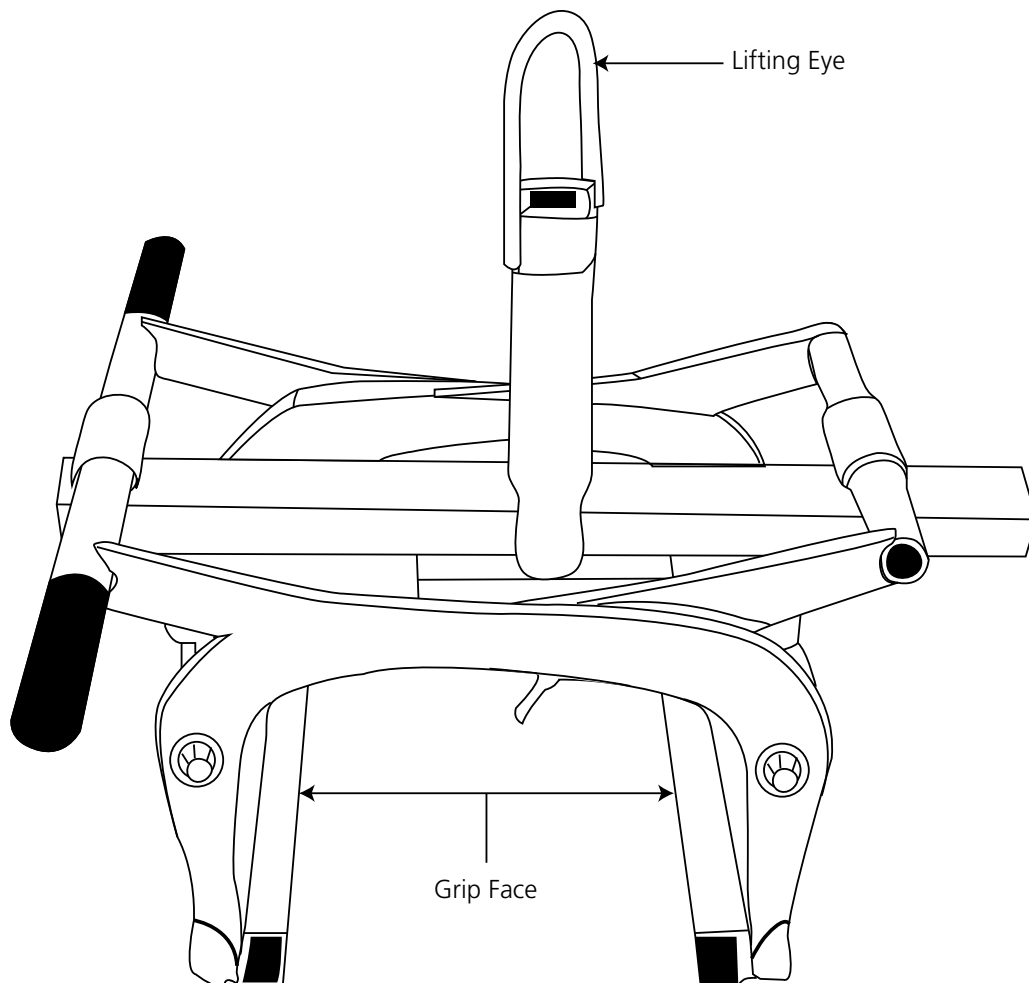
**You should therefore inspect each load prior to lifting to ensure its suitability.**

**DO NOT attempt to adjust or manhandle a load whilst it is in a raised position.**

#### EQUIPMENT MAINTENANCE & CLEANING

When not being used, store the unit in a clean condition and in a safe place where it will be protected from thieves and unauthorised users.

**NOTE: FAILURE TO CLEAN THIS EQUIPMENT THOROUGHLY MAY RESULT IN A CHARGE.**





### **WARRANTY**

Conquip Engineering Group products are covered by a 12 month warranty. Conquip Engineering Group undertakes to replace or repair, free of charge, any defect which the Company considers to be due to faulty workmanship or material within 12 months of the sale date, except for:

Defects arising from neglect, misuse or unauthorised modifications.

Damage caused by abuse, misuse, dropping or other similar damage caused by or as a result of failure to follow transportation, storage, loading, cleaning or operation instructions.

Alterations, additions or repairs carried out by persons other than Conquip Engineering Group or their recognised distributors. Transportation or shipment costs to and from Conquip Engineering Group or their recognised agents, for repair or assessment against a warranty claim, on any product or component.

Materials and/or labour costs to renew, repair or replace components due to fair wear and tear.

Faults arising from the use of non-standard or additional parts, or any consequential damage or wear caused by the fitting or use of such parts.

Conquip Engineering Group and/or our recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in connection with, or by reason of, or the inability to use the product for any purpose.

### **MODIFICATIONS**

If any third party work, modifications or alterations are to be carried out on the product which will involve any welding, drilling or any form of cutting or distortion of materials, full written approval must be obtained from Conquip Engineering Group prior to the work being carried out.

Conquip Engineering Group operate a policy of constant improvement and reserve the right to change specifications without notice.