

Maxirig
QUALITY LIFTING SOLUTIONS

Operation Guide

EQP1010

10t equalizer

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User Notes

Design Capacity

This device has a **MAXIMUM** working load limit of **10 TONNE**

Permissible Uses

This device is designed to equalize load between 2 sling legs when lifted by crane or hoist.

This device must **NOT** be used in the carriage of personnel cages or any other device in which personnel can travel.

This device must not be used if during the course of operation, transport or storage damage is sustained. Consult Maxirig or an authorised distributor prior to continued use.

Prior to Use

1. All aspects of use including crane, crane operator and dogging must comply with accepted good practice, AS4991 Lifting Devices Code, AS2550 Crane Safe Use Code and other relevant publications.
2. This device must be competently inspected prior to each use. A recommended pre-use checklist is included after these notes.
3. Conduct site specific Job Safety Analysis (JSA) and Hazard Identification & Risk Assessment Controls (HazOp).
4. Ensure the crane or hoist designated to perform the lift is sufficiently load rated and maintained to accepted industry standards.
5. Ensure each sling leg is fitted securely and without twists or kinks to each of the device's lifting lugs and that each sling is sufficiently load rated.
6. Ensure each sling leg is securely fitted to designated lifting points on the load to be lifted.

Connections

1. Lifting (top) lug suits 12t Gr.S safety bow shackle
2. Load (bottom) lugs suit 6.5t Gr.S safety bow shackle

General Operation

1. Ensure all connections are secure.
2. Ensure all hand/limbs are well clear of rigging connections prior to conducting any lifts - pinch points can occur around rigging connections.
3. Slowly raise the device and it's load ensuring no shock loads are applied.
4. At approximately 300mm above ground level visually re-check all connections.
5. Ensure all personnel are cleared to a safe distance prior to continuation of the lift.
6. Proceed with lift.
7. When lowering to ground level ensure the device and it's load are gently positioned on the discharge area to prevent any shock loading.

After Use

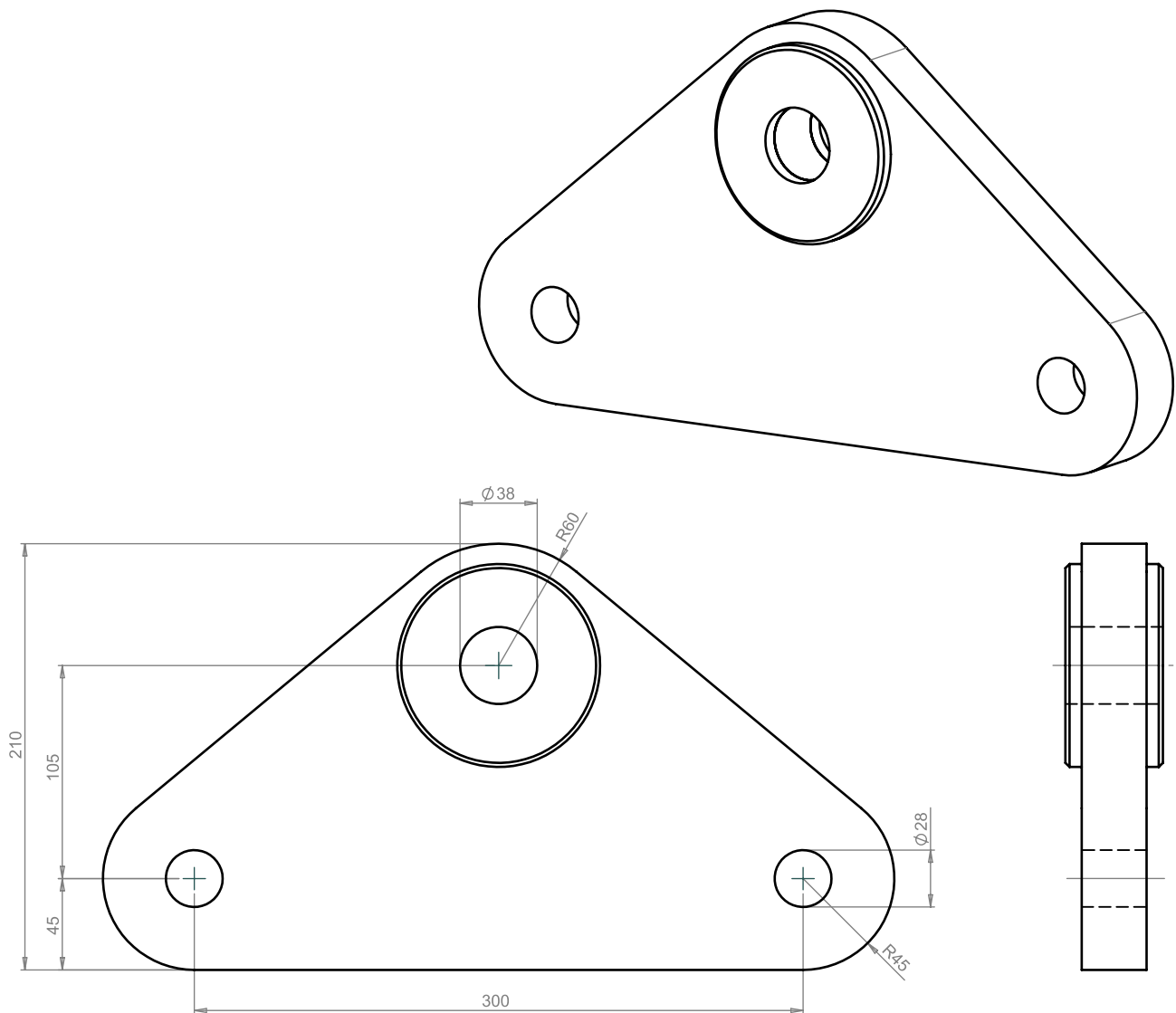
1. A post-use inspection should be conducted with any damage or indentations outside normal wear conditions reported to site supervisors for assessment and rectification prior to reuse or storage.
2. When storing the device, ensure it is kept dry and protected from weather.

User Notes

General Arrangement

WLL 10t

Lift lug suits 12t Gr.S safety bow shackle
Load lugs suit 6.5t Gr.S safety bow shackle
TARE 0.015t



Periodic Maintenance & Testing

Inspection & Testing

This device must be regularly subjected to an inspection and maintenance regime in accordance with AS4991-2004 and the points listed below.

Inspection intervals shall not exceed 12 months. Shorter inspection intervals shall be adopted where the device is used frequently or in harsh conditions such as near salt water.

Major inspections shall only be conducted by an authorised Maxirig distributor or by competent persons with suitable training and experience.

1. The device shall be cleaned prior to inspection and in a location with sufficient lighting to enable a detailed examination of all components and welding.
2. A visual inspection shall be conducted noting nicks, gouges, cracks and corrosion in all welds.
3. A visual inspection shall be conducted noting nicks, gouges, cracks, corrosion, deformation and wear in all shackle eyes.
4. Ensure the body is straight and free of indentation or damage.
5. NDT of welds may be undertaken in accordance with relevant standards.
6. A Maxirig compliance plate shall be attached and legible.
7. Check any associated rigging gear in accordance with relevant standards.
8. Consider suitability of inspection frequency and amend if required. Where the correct inspection frequency is unknown, guidance may be obtained from AS2550.1

Repairs

Minor repairs required to the device that affect surface finishing or coatings may be conducted in accordance with AS4991-2004.

Repairs that may affect the structural integrity of the device may only be performed in consultation with Maxirig or an authorised distributor.

Pre Use Checklist

Prior to use the device shall be checked in accordance with the points below as a minimum.

This checklist is not a substitute for a Job Safety Analysis (JSA) or Hazard Identification & Risk Assessment Control.

If "NO" is answered to any of the checkpoints, refer to site supervisor, Maxirig or an authorised distributor for assessment prior to use.

	YES	NO
Are shackle eyes free of damage and/or excessive wear?	☐	☐
Is all welding complete and undamaged?	☐	☐
Is the body straight and free of indentation or damage?	☐	☐
Is the device free of rust or corrosion?	☐	☐
Is a Maxirig compliance plate attached to the device?	☐	☐
Is the device subject to a current inspection?	☐	☐
Is each operator of the device properly trained and competent to use?	☐	☐
Are all associated rigging connections of sufficient WLL and maintained?	☐	☐

Manufactured & Tested in Australia

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