LGH
THE LIFTING EXPERTS

OPERATION MANUAL

(1800) 407-712 Enquiries@LGH.au LGH.au

Operation Guide

OMC1300 3 person offset workbox

AUSTRALIAN MADE
Australian Made, global quality

Design Capacity

Safe Working Load: **300kg** (Maximum of two persons including tools and materials)

Tare Mass: **700kg**

Maximum Hoisted Load: **1000kg**

Minimum Allowable (Rated) Crane Capacity: **2000kg**

Permissible Uses

This device is designed to move personnel and a small quantity of tools or materials to a location where it is impractical to erect a scaffold or use other specialist devices such as a scissor lift or boom basket. The device is designed for short duration use only.

This device must **only** be used to carry personnel by a suitably designed and maintained crane.

This device must **not** be used to carry personnel if being manoeuvred or transported by forklift or vehicle.

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 designated to perform the lift is sufficiently load rated and maintained to accepted industry standards.

5. Ensure each chain sling leg is fitted securely and without twists or kinks to each of the four lifting lugs.

6. Ensure personnel to be transported in the device are wearing an appropriately designed and fitted safety harness with the lanyard securely attached to the harness anchor point inside the cage.

7. Ensure any tools or materials being transported are also secured inside the device.

User Notes

Slinging

The device is designed for use with a 4 leg sling only. Leg length must be no shorter than 2500mm

General Operation

1. With personnel and tools or materials secured inside the device, slowly take-up slack on lifting chains ensuring no shock load is applied to the device. Raise the device approximately 300mm above ground level and visually re-check all lifting chains, harness and lanyard attachments and correct stowage of tools or materials.

2. Ensure all personnel not being transported in the device are cleared to a safe distance prior to continuation of lift.

3. At all times during use, personnel must remain standing on the floor of the device. Personnel must not stand on safety rails or handrailing during operation. Ladders or other devices must not be used during operation that would enable personnel to gain additional height or reach outside the device.

4. At all times during use ensure the device including all associated rigging and cranage is to be kept clear of power lines and other hazards.

5. When returning the device to ground, ensure it is gently lowered so as to avoid damage to the device or injury to the occupant. Ensure lifting chains and rigging are in the slack position before personnel exit.

After Use

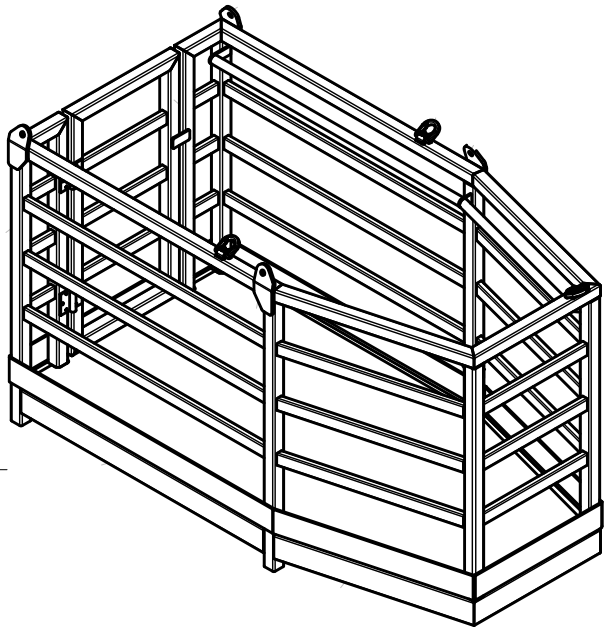
1. Ensure all items carried in the device are removed prior to transport or storage.

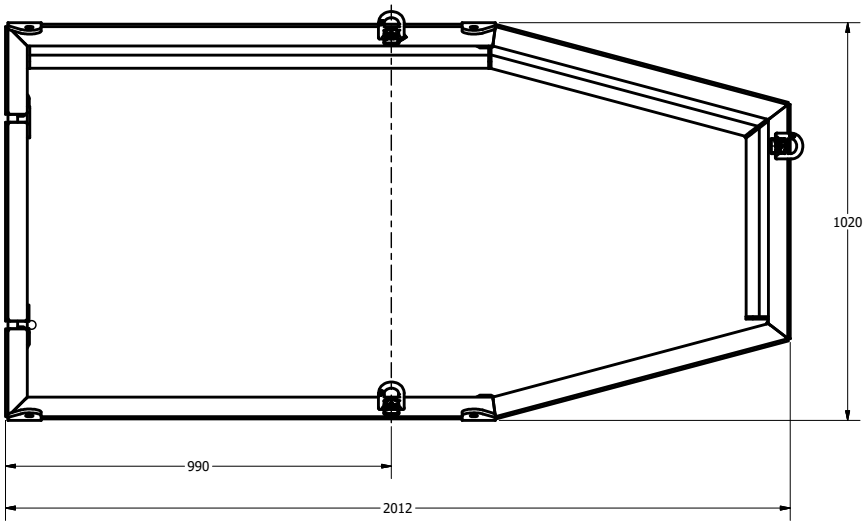
2. A post-use inspection should be conducted with any damage or indentations outside normal wear conditions reported to site supervisors for assessment and rectification prior to reuse or storage.

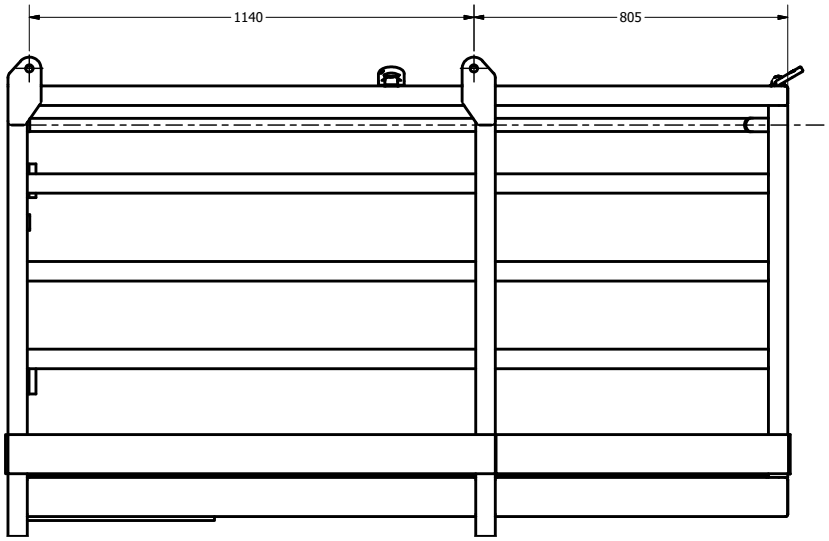
3. When storing the device, ensure it is kept dry and protected from weather.

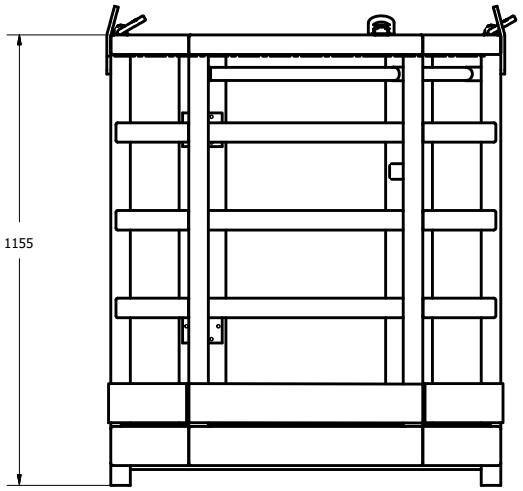
User Notes

General Arrangement









Periodic Maintenance & Testing

Inspection & Testing

This device must be regularly subjected to an inspection and maintenance regime in accordance with AS1418.17 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 and deformation in the lugs, flooring and frame.

4. A visual inspection shall be conducted of each lug eye and harness anchor point noting excessive wear or deformation.

5. Check the gate mechanism ensuring the gate self-closes and that the latch is secure.

6. NDT of welds may be undertaken in accordance with relevant standards.

7. A Maxirig compliance sign must be attached and remain legible.

8. Check any associated rigging gear in accordance with relevant standards.

9. 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 good practice and relevant industry codes.

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 we recommend the following components of the device be checked 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
Is each of the four lifting lugs free of damage?	☐	☐
Is the eye in each of the four lifting lugs unworn and not flogged-out?	☐	☐
Is the weld securing each of the four lifting lugs complete and undamaged?	☐	☐
Is each part of the frame straight and free of indentation or damage?	☐	☐
Is each frame weld complete and undamaged?	☐	☐
Is the spring loaded gate closing snugly and engaging the latch properly?	☐	☐
Is each harness anchor point secure and free of damage?	☐	☐
Is the internal handrailing secure and free of damage?	☐	☐
Is the compliance sign attached to the device and legible?	☐	☐
Is the device (incl chain sling) subject to a current inspection?	☐	☐
Is each operator of the device properly trained and competent in its use?	☐	☐

Contact Details

Manufactured & Tested in Australia

Maxirig
20 -21 Industrial Place, Breakwater VIC 3219
www.maxirig.com.au

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Occupational Health and Safety Act 2004, OHS Regulations 2007
Equipment (Public Safety) Act 2004, Equipment (Public Safety) Regulations 2007

NOTICE OF PLANT DESIGN REGISTRATION

Plant Type	Suspended Work Box
Representational Drawing(s)	140023-001 Rev 0
Design Description and Extent	Model/ID No. OMCI 300
Technical Information	Max SWL 300 kg, Suspension System 4 leg chain sling, Size of Work Box Length 2.012 m, Width 1.020 m, Height 1.200 m
Maker	MAXIRIG Pty Ltd
Confirmation Number	**V1401692**
Date of Confirmation	5 August 2014
Published technical standards or engineering principles (as listed by designer and confirmed by design verifier)	AS1418.17-1996 Cranes (including hoists and winches) - Design and construction of workboxes AS4100-1998 Steel Structures

IMPORTANT INFORMATION

1. This notice applies only to the above design, which has been registered according to the above-named Regulations. WorkSafe has not verified that the designer has complied with the design obligations prescribed by the Regulations or the above mentioned technical standards or engineering principles.

2. The plant owner will require this confirmation and, therefore, a copy of it should be supplied to the manufacturer, so that it can in turn be provided to the supplier and owner with the plant or equipment.

3. The Regulations require the designer to keep and maintain, in a suitable state for examination, all records that the Regulations require for 10 years.

4. WorkSafe reserves the right to audit the registered design at any time to assess compliance with the above Acts and Regulations. If an audit is undertaken, WorkSafe may ask the person seeking registration or the plant owner or both to supply detailed information relating to the design of the plant. Design systems of work and documentation may also be audited. If an audit identifies non-compliance with the Acts and Regulations, all plant built to that design may require modifications and may be prohibited from use.

5. This notice is automatically invalidated if the design is altered to an extent that requires new measures to control risk. A person must not use, or cause or allow plant manufactured to the altered design to be used at a workplace unless WorkSafe has confirmed registration of the alteration.

6. You should quote the registration number in all correspondence to WorkSafe regarding this design. Any queries should be addressed to the WorkSafe's Licensing Branch, 1300 852 562.

7. This notice will also be considered a notice of Plant Design Registration under the Equipment (Public Safety) Regulations 2007.

per R. Calero

Leanne Harwood
Licensing Manager