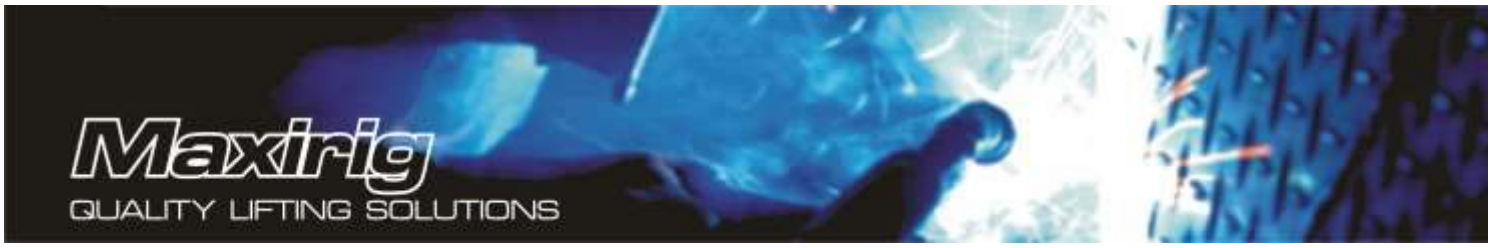
Maxirig
QUALITY LIFTING SOLUTIONS

Operation Guide

OMC2300 | 2 person offset workbox

AUSTRALIAN MADE
Australian Made, global quality

Reissued 06 October 2022



CERTIFICATE OF CONFORMANCE

Thankyou for investing in a quality lifting product designed and manufactured in Australia. In addition to superior workmanship and materials, a Maxirig product is also manufactured strictly in accordance with local and international standards. Relevant details pertaining to your Maxirig product are as follows:

PRODUCT DETAILS

Serial No: MR11479
Model No: OMC2300
Description: 2 PERSON OFFSET WORKBOX C/W ROOF
WLL: 300kg / 2 PERSON
Tare: 1000kg (EXCLUDING SLINGS & SHACKLES)
Date into Service: 8/07/2024

YOUR AUTHORISED DISTRIBUTOR

Distributor: HOISTING EQUIPMENT SPECIALISTS
Address: 31 MANGROVE LANE
TAREN POINT NSW 2229
Phone: 1300 792 464
Website: hesgroup.com.au

DESIGN SPECIFICATIONS

Computation No: IDEAS 210149-001 REV 0
Designed to: AS1418.17-1996
Statuatory Design Reg: WSV-0150526930

WELDING SPECIFICATIONS

Welded to: AS/NZS1554.1 SP

PROOF LOAD TEST SPECIFICATIONS

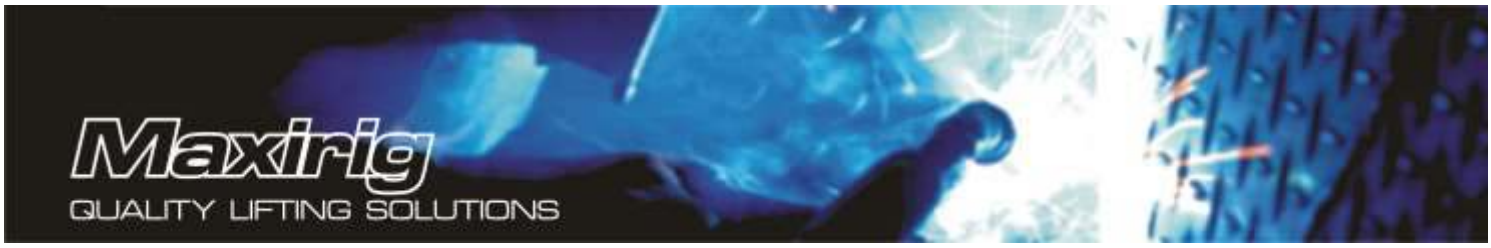
Proof Load Test Cert: 10069
Proof Load Test Date: 4/06/2024
Specifications: AS1418.17-1996

WELDING INSPECTION SPECIFICATIONS

Weld Inspection Report: 8244
Weld Inspection Date: 4/07/2024
Weld Inspection Specs: AS1171-1998

Yours faithfully

Nathan Van Berkel
Director



CERTIFICATE OF TEST

Issued to HOISTING EQUIPMENT SPECIALISTS

Test Certificate Number 10069

Date of Test 4/06/2024

DESCRIPTION OF ITEM TESTED

Serial No	MR11479
Model No	OMC2300
Description	2 PERSON OFFSET WORKBOX C/W ROOF
Computation/Drawing No	IDEAS 210149-001 REV 0
Designed to	AS1418.17-1996
WLL	300kg / 2 PERSON
Tare	1000kg (EXCLUDING SLINGS & SHACKLES)
Integral Sling Details (if any)	8mm, 4 LEG, G100 CHAIN SLING, LMOL TOP, 2t GR.S SAFETY BOW SHACKLE LOWER, LEGS CUT AT 3000mm
Date into Service	8/07/2024
Manufacturer's Notes (if any)	

PROOF LOAD TEST DETAILS

Load Applied	660kg
Test Specification	AS1418.17-1996
Test Notes (if any)	

CONCLUSION

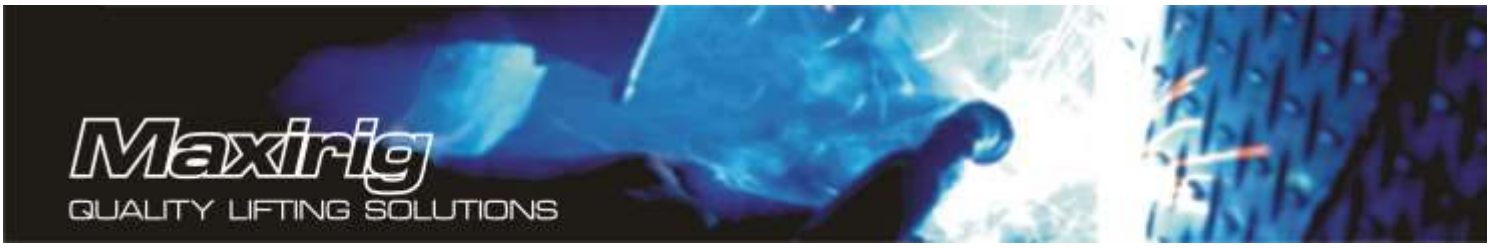
The above articles were tested under the supervision of a competent person and we hereby certify that:

(a) A careful examination of the article tested was conducted.

(b) After application of the proof load the article tested was found to have withstood the load without sustaining damage that may affect its intended function or safety and is free from any deleterious permanent set or visible defects.

Approved Signatory:

Nathan Van Berkel
Director



WELDING INSPECTION REPORT

Issued to HOISTING EQUIPMENT SPECIALISTS

Weld Inspection No 8244

Date of Test 4/07/2024

DESCRIPTION OF ITEM INSPECTED

Serial No MR11479

Model No OMC2300

Description 2 PERSON OFFSET WORKBOX C/W ROOF

WELD INSPECTION DETAILS

Material Type	CARBON STEEL
Acceptance Standard	AS/NZS1554.1 SP
Weld Procedure Reference	WP001
Test Specification	AS1171-1998
Weld Inspection Procedure	IP001
Area Tested	ALL STRUCTURAL WELDS + 20MM H.A.Z.
Method of Test	MAGNETIC PARTICLE
Surface Preparation	WIRE BRUSHED
Surface Condition	AS WELDED
Equipment Used	SURECHEM YOKE TYPE WC-6K
Testing Media	ARDROX 890/W CONTRAST; ARDROX 800/3 INK
Demagnetised	NO
Test Comments (if any)	NO DEFECTS DETECTED

CONCLUSION

The above article was inspected by a competant person and we hereby certify that it complies to AS1171-1998

Approved Signatory:

Nathan Van Berkel
Director

Design Capacity

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

Tare Mass: **1000kg** (Excluding slings & shackles)

Maximum Hoisted Load: **1300kg**

Minimum Allowable (Rated) Crane Capacity: **2600kg**

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. The minimum rated crane capacity for a 250kg BMC1025 is 1,000kg.

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

Important

The device is designed for use with a 4 leg sling only. Leg length must be no shorter than 2700mm

General Operation

1. With personnel and tools or materials secured inside the device, ensure gate is fully closed and gate latch properly engaged. 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.

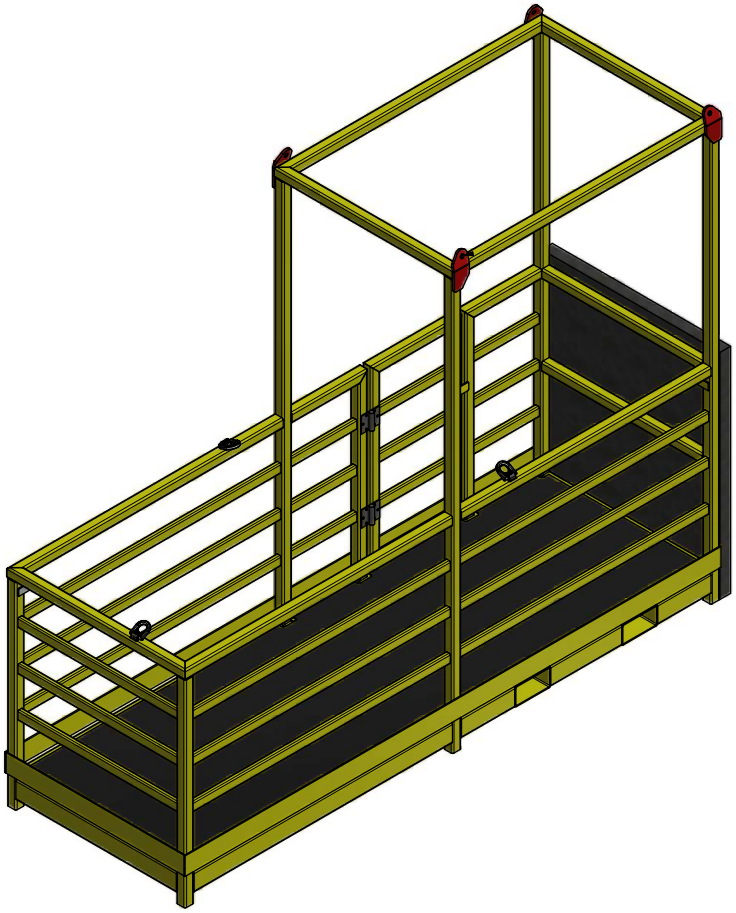
After Use

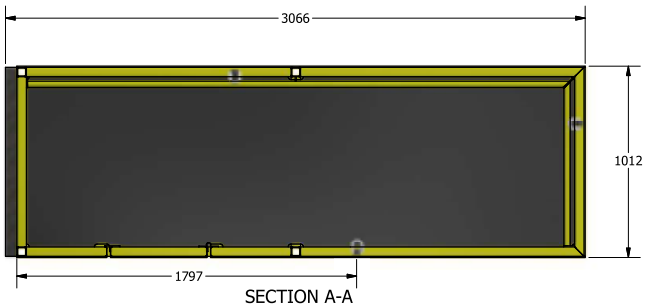
1. Ensure all items carried in the device are removed prior to transport or storage.

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.

General Arrangement





SECTION A-A
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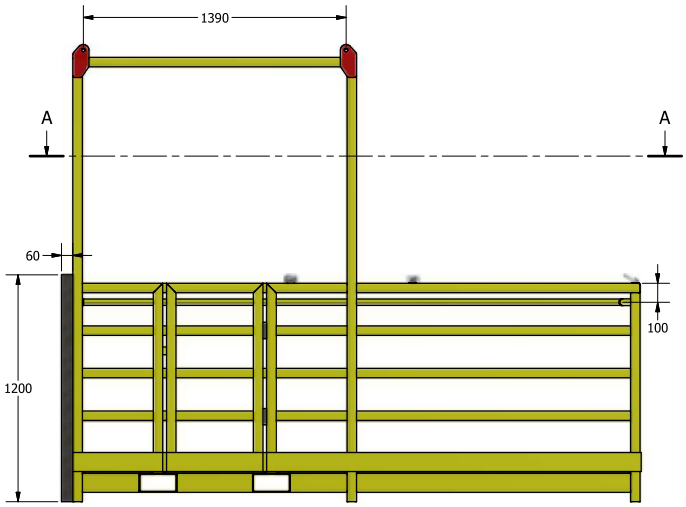

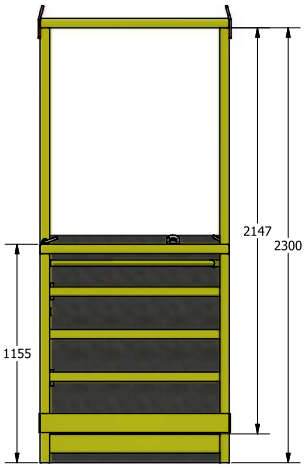

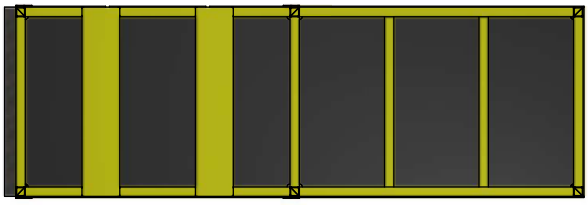

BOTTOM VIEW

Inspection & Testing

In addition to the pre-use checklist provided, this device must be regularly subjected to a major inspection and maintenance regime in accordance with AS1418-17 and the points listed below at intervals not exceeding 12 months.

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

Note: Shorter inspection cycles should be undertaken where the device is used frequently or under particularly harsh conditions such as a corrosive environment. Consult AS2550.1 to determine the correct inspection frequency.

1. Determine major inspection frequency in consultation with AS2550.1

2. The device shall be cleaned prior to inspection and moved to a location with sufficient lighting to enable a detailed examination of all components and welding.

3. A visual inspection shall be conducted noting nicks, gouges, cracks and corrosion in all welds.

4. A visual inspection shall be conducted noting nicks, gouges, cracks, corrosion and deformation in the lugs, flooring and frame.

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

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

5. A NDT of all welds may be undertaken in accordance with AS1171-1998.

6. A Maxirig compliance sign must be attached and remain clearly visible.

7. 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 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

AUSTRALIAN MADE

Australian Made, global quality

Notice of
Plant design registration

This registration is given in accordance with Occupational Health and Safety Act 2004, Occupational Health and Safety Regulations 2017, Equipment (Public Safety) Act 1994 and Equipment (Public Safety) Regulations 2017.

Registration holder

QUALITY LIFTING SOLUTIONS (GEELONG) P/L

Registration number

WSV-0150526930

Date of registration

17/11/2021

Plant type

Suspended work box

Design description and extent

Model No –OMC2300

Representational drawing(s)

210149-001 Rev 0 GA, 210149-002 Rev 1 Cage Fabrication

Technical information

Max Rated Capacity (in kg): 300kg

Suspension system: 4 LEG WIRE ROPE OR CHAIN SLING

Technical information (continued)

Length (in metres): 3.066

Width (in metres): 1.012

Height of Box (in metres): 2.35

Manufacturer

Maxirig

Published technical standards or engineering principles (as listed by designer and confirmed by design verifier)

AS1418.17 - 1996 - Design and construction of workboxes

Important information

This notice of registration is given in accordance with Occupational Health and Safety Act 2004, Occupational Health and Safety Regulations 2017, Equipment (Public Safety) Act 1994 and Equipment (Public Safety) Regulations 2017.

This notice does not imply approval, acceptance or endorsement of the design by WorkSafe.

This notice applies only to the design registered according to the regulations. WorkSafe has not verified that the designer has complied with the design obligations prescribed by the regulations or the technical standards or engineering principles.

The plant owner requires a copy of this notice. A copy of this notice should be provided to the manufacturer so it can be provided to the supplier and the plant owner with the plant or equipment.

The designer must keep and maintain, in a suitable state for examination, all records required under the regulations, for seven years as set out in the regulations.

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.

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.

You should quote the registration number in all correspondence to WorkSafe regarding this design. Enquiries should be addressed to the WorkSafe's Licensing Branch, 1300 852 562, or email licensing@worksafe.vic.gov.au.

This notice will also be considered a notice of Prescribed Equipment Design under the Equipment (Public Safety) Regulations 2017.