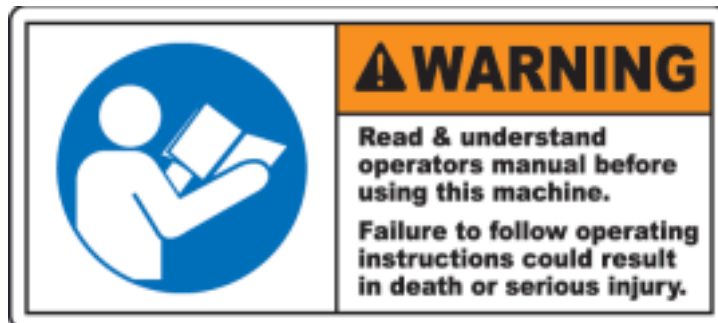
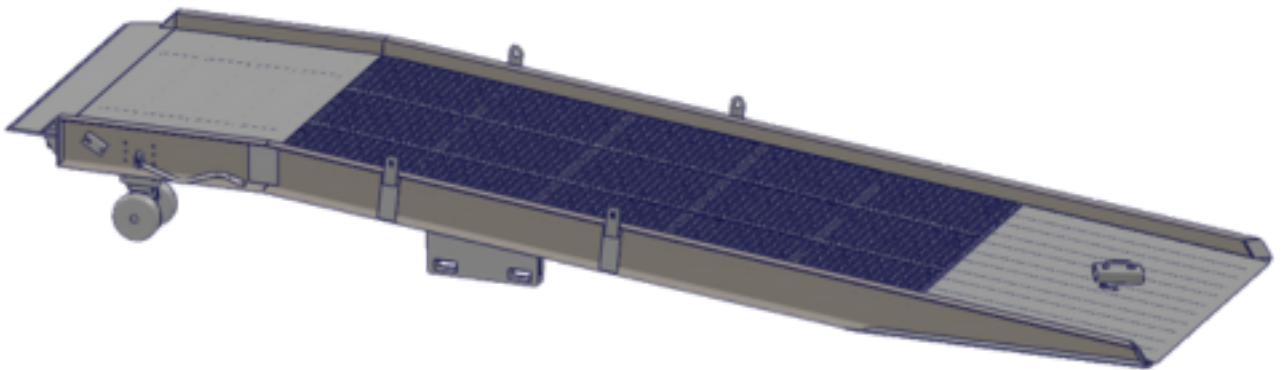




HEEVE FORKLIFT LOW DOCK RAMP/YARD RAMP WITH GRATED SURFACE - MANUAL

INSTRUCTION MANUAL



**CERTIFIED LOAD RATING AND STEEL STRUCTURE
COMPLIANCE WITH AUSTRALIAN STANDARD AS4100- STEEL
STRUCTURES**

1. INTRODUCTION

The Heeve Forklift Low Dock Ramp/Yard Ramp with Grated Surface - Manual (hereinafter “yard ramp” for short) is a manually operated dock leveller to bridge the difference in height between the vehicle loading bed and the ground surface where a permanent loading platform isn’t available.

Alterations to the mobile container yard ramp and the addition of auxiliary units are only permitted with our express written approval.

Ensure that all operators read and understand the instruction manual before use, taking note of the technical data and details on functional characteristics.

This manual includes the outer structure of the Yard Ramp, its usage, structural features, relevant parameters, regulations for safe operation and daily maintenance.

2. BASIC INFORMATION

Heeve Forklift Low Dock Ramp/Yard Ramp with Grated Surface - Manual			
SKU Number	Working Load Limit	Length	Type
H0567	16-Tonne	Short	Manual

3. PRODUCT OVERVIEW

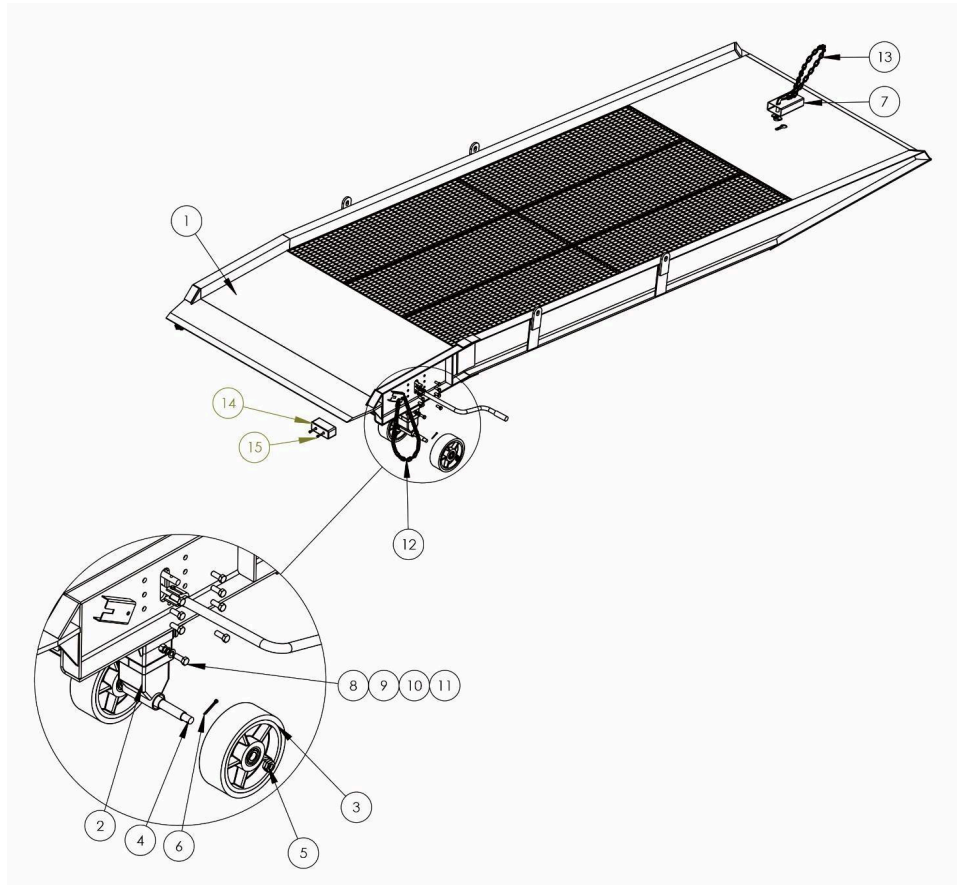
The Heeve Forklift Low Dock Ramp/Yard Ramp with Grated Surface - Manual has regular dimensions as follows:

Overall Width	Internal Width	Overall Length	Adjustable Height	Unit Weight
2200mm	2024mm	6400mm	700-900mm	2550kg

The Yard Ramp has been tested and debugged at the manufacturer's factory, and all technical specifications meet the design requirements.

4. MAIN COMPONENTS

This Yard Ramp is composed of an inclined ramp area, landing area, adjustable legs, moving wheels, safety chains, connecting plate, and other components.



No.	Code	Part Name	Qty
15	GB T 70.1 M10x80	Hexagon Socket Cap Screw	4
14	DCQY8T-GS-0003	Rubber Blocker	2
13		Chain	1
12		Chain	2
11	GB T41 M16	Outer Hexagon Nut	16
10	GB T93 φ 16	Spring Washer	16
9	GB T95 φ 16	Flat Washer	16
8	GB T5782 M16x50	Hex Head Bolt	16
7	DCQ16T-30	Tow Bar Pocket	1
6		Cottor	4
5		M24 Thin Nut	4
4		Axle	2
3		PU Casting Wheel	4
2	DCQ16T-20A	Adjustable Leg	2
1	DCQ16T-10	Ramp Body Assembly	1

5. SAFETY PRECAUTIONS

- Qualified operators are persons who, based on their training, experience, instruction and knowledge of the relevant standards and regulations, regulations for the prevention of accidents and operating conditions, are Authorised by the persons responsible for the safety of the workplace to carry out the respective required tasks whilst being able to recognise and prevent potential associated dangers.
- Operation is only permitted on a level and firm floor/ground surface.
- It is strictly prohibited to overload the ramp. Before use, estimate the total mass of the forklift and goods to avoid overloading. Failure to do this could cause axle deformation or damage, resulting in unnecessary accidents such as collapse or overturning.
- Before each use, the entire yard ramp must be checked for stability or any damage. In particular, the wheels should be carefully inspected to make sure there is no damage.
- Do not use the ramp if there are any faults found during the inspection.
- Move with a forklift as far as possible in the straight of the axis of travel. The unit must not be offset and must be used on flat, level ground for stability to prevent sliding.
- In the course of raising and lowering the ramp, all personnel are strictly forbidden to access the yard ramp.
- The safety chains should be as tight and as horizontal as possible but allow for changes in vehicle height caused by shifting loads.
- Only use genuine spare parts.
- Parts and/or instructions are subject to change without notice.
- When in use, connect the safety chains of the yard ramp to the vehicle.
- Avoid sudden stops in transit.
- Do not exceed the rated capacity.
- Always chock wheels when using the yard ramp.
- All circumstances cannot be addressed in these instructions. Please use common sense and practise general safety measures when using this product.

6. OPERATIONAL METHOD

Loading and Unloading The Yard Ramp

Always ensure all safety precautions are followed. If you need clarification, consult your worksite safety representative before proceeding.

Crane: Review the rigging diagram at the end of this user manual before proceeding. Secure lifting chains or slings to the 4 x lifting points on the top of the ramp as per the rigging diagram. Lift and place the ramp in the desired location using all appropriate and relevant safety precautions.

Single forklift: A forklift with a minimum capacity rating of 4,500kg may be used to unload the catalogue-listed yard ramps. Position the forklift tyres in the side-facing tyne pockets at the underside of the ramp. Before lifting, ensure the forklift tyres are supporting the entire width of the ramp. Forklift tyne extensions may be required. Lift and place the ramp in the desired location using all appropriate and relevant safety precautions.

Two forklifts: Alternatively, the use of two forklifts with a working capacity each of at least 2,500kg may be used if site-specific safety rules permit. To remove a yard ramp from a flatbed truck/trailer with two forklifts, position the forklifts directly across from each other, one on either side of the yard ramp, ensuring the forklift tyres are securely positioned underneath the ramp frame. Slowly and carefully raise the forks of each lift at the same time, evenly raising the ramp above the truck bed. Pull the flatbed truck forward when adequate clearance is achieved, allowing room to lower the yard ramp onto the ground using all appropriate and relevant safety precautions. Once on the ground, the yard ramp can be moved using one forklift, as outlined below.

Moving

- Yard ramps can be moved and towed short distances using a suitable forklift. It is recommended to tow at a speed not more than 5km/hr. Always ensure that you have sufficient operation space and a clear path from the current and desired ramp locations, and use a spotter to assist the forklift operator at all times.
- Place the one forklift tyre within the fork pocket tow point at the front of the ramp using a suitable forklift. It is recommended that you secure the ramp to the forklift using a suitable chain or strap to ensure the ramp is connected to the forklift securely. Slowly raise the ramp using the forklift and begin pushing the forklift towards the desired location.
- Once the ramp is at the desired location, lower the ramp and remove the safety chain.

Positioning for Use For Vehicles

- Using the crank handle, raise the ramp to at least 100mm above the vehicle height.
- Slowly reverse the vehicle back to the ramp until the vehicle and yard ramp are adjacent, ensuring the rubber stoppers are butted against the vehicle. It is recommended to use a spotter for guidance.
- If the vehicle has airbag suspension, release the air.
- Lower the support legs to the required height with the crank handle to allow for needed support.
- Secure the ramp to the vehicle with the attached safety chains. **WARNING:** Leave three chain links slack in the safety chains. **DO NOT** attach too tightly.
- Conduct a final visual inspection to ensure the ramp is set up safely before use.

Positioning for Use For Stationary Docks

- Raise the ramp to at least 100mm above the dock edge floor using the crank handle.
- Move the ramp into position ensuring the rubber stoppers are butted against the dock.
- Lower the adjustable legs to the ground to support the ramp.
- Secure the ramp to the vehicle with the attached safety chains. **WARNING:** Leave three chain links slack in the safety chains. **DO NOT** attach too tightly.
- Conduct a final visual inspection to ensure the ramp is set up safely before use.

In Use

- Vehicles traversing the yard ramp should always maintain a slow, steady speed, preferably in low gear. They should not stop or change gears while on the yard ramp, as the increased traction will cause excessive wear and damage to the vehicle tyres. Forklift trucks should ascend and descend with their forks tilted back and raised enough to avoid contact with the yard ramp deck.

Removing from the In-Use Position for Vehicles

- Disconnect the safety chains.
- Using the crank handle, raise the yard ramp at least 100mm above the vehicle level.
- Slowly drive the vehicle away.

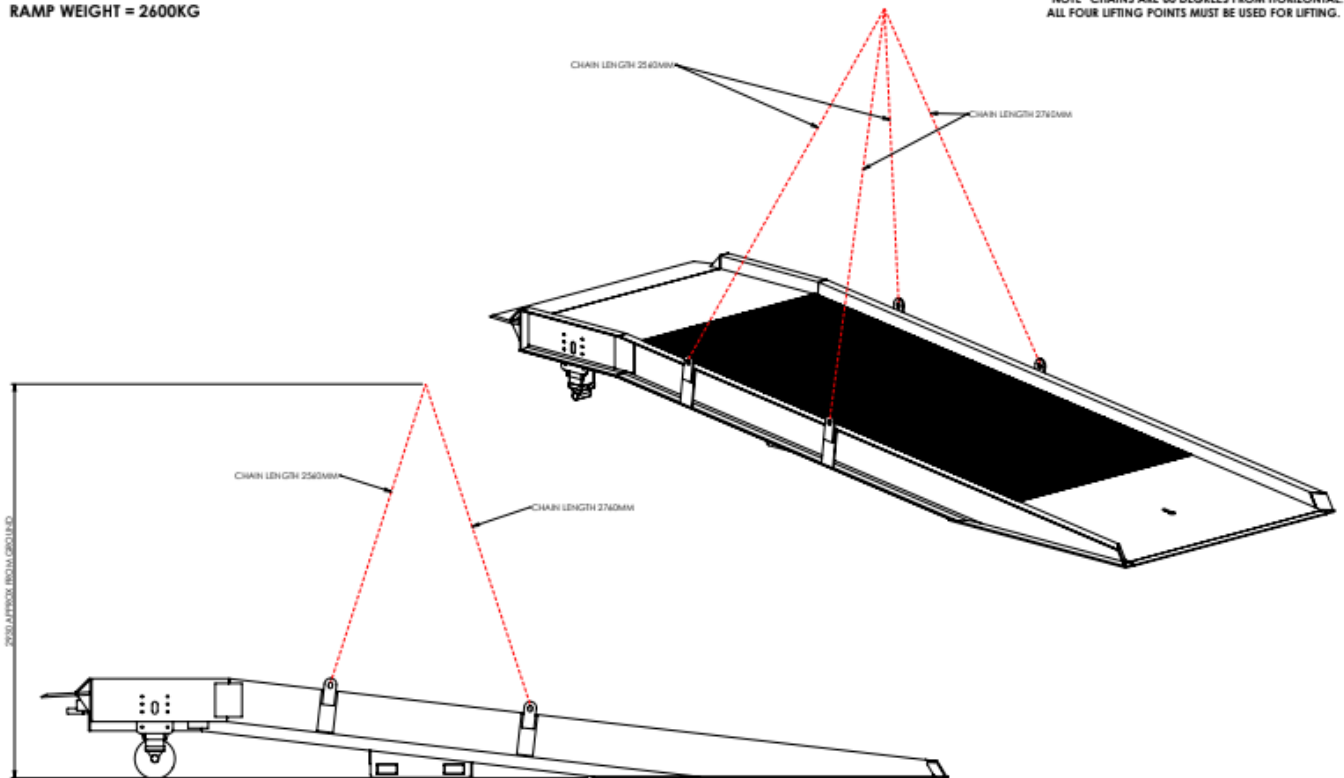
Removing from the In-Use Position for Stationary Docks

- Disconnect the safety chains.
- Raise the yard ramp at least 100mm above the dock level using the crank handle.
- Roll the yard ramp away from the dock.

7. RIGGING DIAGRAM

RAMP WEIGHT = 2600KG

NOTE CHAINS ARE 40 DEGREES FROM HORIZONTAL.
ALL FOUR LIFTING POINTS MUST BE USED FOR LIFTING.



8. MAINTENANCE

- Inspect all components regularly, including inspection of the frame structure weld joints, deformation, wheel bearings, paint protection, lifting points, fixing chains and all moving parts. Do not use the ramp if there are any faults found during inspections. We recommend that you record the results of the inspections in an inspection book.

WARRANTY SERVICE: The Authorised Dealer will replace any defective or malfunctioning part at no charge, including payment of the shipping costs of parts or replacement products to and from the manufacturer. The purchaser is responsible for labour charges. If the product does not meet specifications as depicted in the advertisement, the Authorised Dealer will refund the full purchase price of the product. Questions regarding the warranty on a specific product and warranty claims should be directed to the Authorised Dealer with whom the purchase transaction was made.

WARRANTY LIMITATIONS: The above warranty does not apply to products that are repaired, modified or altered by any party other than the Authorised Dealer; are subjected to unusual physical stress or conditions (such as overloaded ramps or corrosion), natural disaster, governmental actions, wars, strikes, labour disputes, riots, theft, vandalism, terrorism or any reason beyond reasonable control; are damaged due to improper installation, misuse, abuse, accident or negligence in use, storage, transportation or handling, or tampering; or to products that are considered consumable items or items requiring repair or replacement due to normal wear and tear.

The product should be inspected prior to signing for delivery. Product damage incurred during shipping, unless noted on the Bill of Lading at the time of delivery, renders this warranty void.

LIMITED LIABILITY: In no event shall the Authorised Dealer be liable to the purchaser or any third party for any indirect, incidental, consequential, special, exemplary or punitive damages arising out of the use of the product, including, without limitation, property damage, loss of value of the product or any third party products that are used in or with the product, or loss of use of the product or any third party products that are used in or with the product.