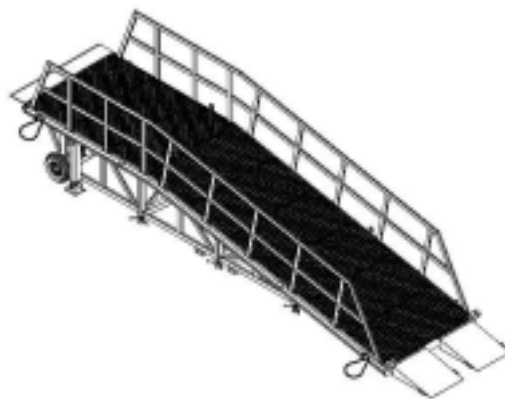
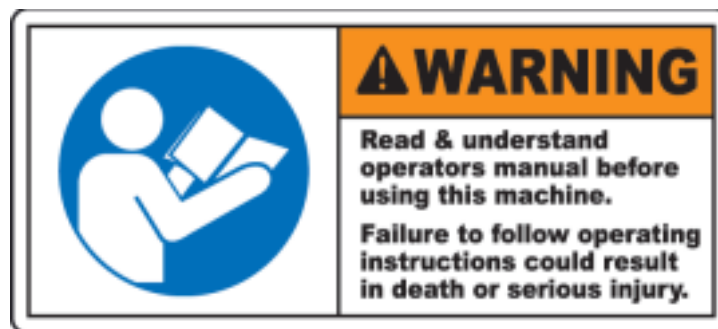




HEEVE FORKLIFT DOCK RAMP / YARD RAMP WITH GRATED SURFACE - MANUAL

INSTRUCTION MANUAL



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

1. INTRODUCTION

The Heeve Forklift 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 Dock Ramp / Yard Ramp with Grated Surface - Manual			
SKU Number	Working Load Limit	Length	Type
H0188	8-Tonne	Standard. With Handrail	Manual
H0189	8-Tonne	Standard. No Handrail	Manual
H0190	8-Tonne	Long. With Handrail	Manual
H0191	8-Tonne	Long. No Handrail	Manual
H0196	12-Tonne	Standard. With Handrail	Manual
H0197	12-Tonne	Standard. No Handrail	Manual
H0198	12-Tonne	Long, With Handrail	Manual
H0199	12-Tonne	Long, No Handrail	Manual
H0200	16-Tonne	Standard, With Handrail	Manual
H0201	16-Tonne	Standard, No Handrail	Manual
H0202	16-Tonne	Long, With Handrail	Manual
H0203	16-Tonne	Long, No Handrail	Manual

3. PRODUCT OVERVIEW

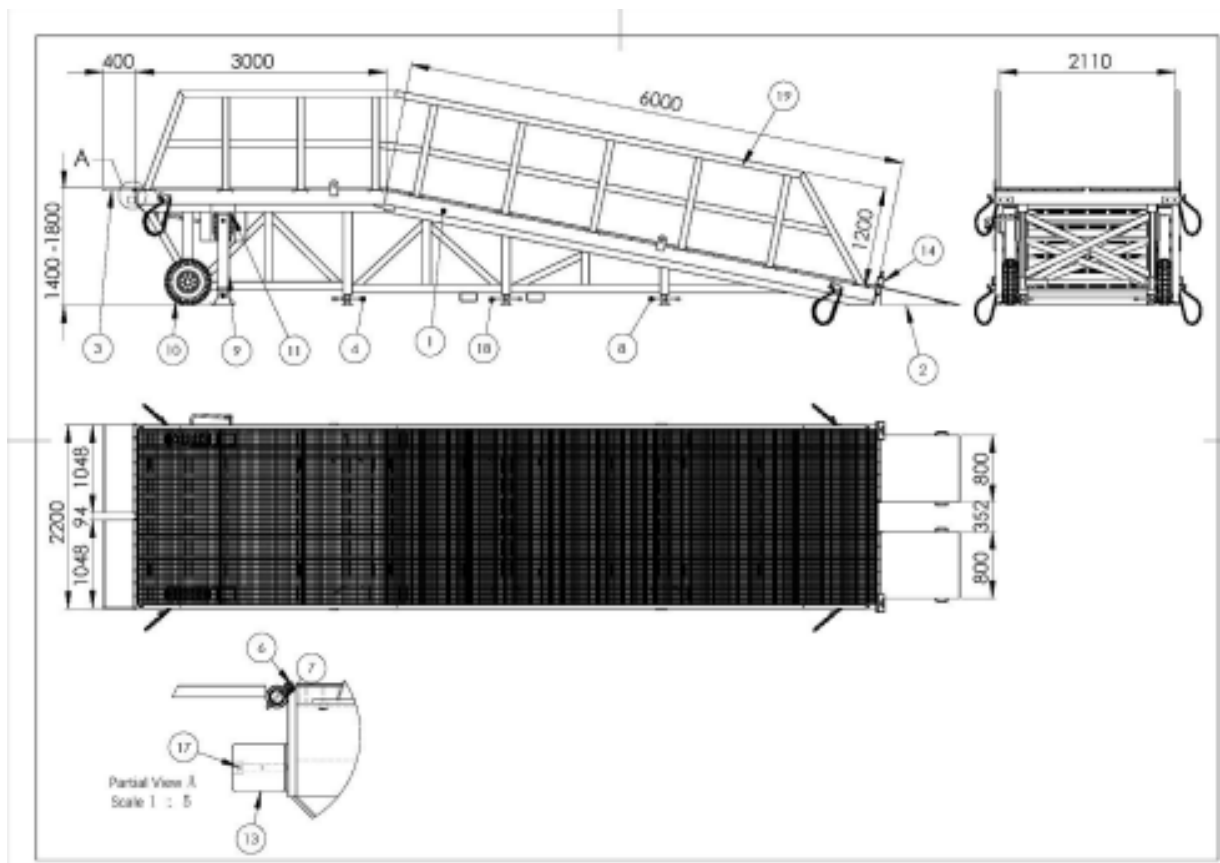
Heeve Forklift Dock Ramp / Yard Ramp with Grated Surface - Manual has regular dimensions as follows:

Overall Width	Internal Width	Overall Length (including approach plate)	Adjustable Height	Unit Weight
2200mm	2060mm	Standard - 10000mm Long - 13000mm	1200-1680mm	2900-3300kg

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 approach ramp(s), inclined ramp area, landing area, support legs, moving wheels, guard rail, safety chains, lip plate(s), and other components.



19	DCQLG3+6-10	Handrail	2
18	DCQY16T-GS-60	Screw Leg	2
17	GB T 70.1 M10x75	Hexagon Socket Cap Screw	4
16		Chains φ8x680	4
15	GB T6182 M20	Nylon Nut	2
14	DCQH10T-50	Fork Pocket	2
13	DCQH10T-0003	Rubber Bumper	2
12	GB T41 M16	Outer Hexagon Nut	20
11	GB T5782 M16x35	Hex Head Bolt	20
10		Solid Tyre	2
9	CL28TB	Adjustable Support Leg	1
8	DCQY16T-50	Screw Leg	2
7	DCQY10T-0002	Front Rotating Axle	2
6	GB T91 5x40	Cotter Pin	8
5	DCQY10T-0001	Back Rotating Axle	2
4	DCQY10T-40	Screw Leg	2
3	DCQY16T-30	Front Dock Plate	2
2	DCQY16T-20	Back Ramp	2
1	DCQY16T-GS-10	Main Body	1
No.	Code	Parts	Qty

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 recognize 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 tyres should be carefully inspected to make sure there is no damage to the wheels and tyres.
- 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 are unsure, consult your worksite safety representative before proceeding.

Crane: Secure lifting chains or slings to the 4 x lifting points on the top of the ramp. 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 tynes in the side-facing tyne pockets at the underside of the ramp. Before lifting, ensure the forklift tynes 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 tynes 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 in short distances using a suitable forklift. It is recommended to tow at a speed not more than 35km/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.
- Raise the adjustable support legs and screw legs so that they are fully retracted. Using a suitable forklift, place the one forklift tyne within the fork pocket tow point at the front of the ramp underneath the front of the ramp after the back-hinged ramps are retracted. 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. Ensure the adjustable support and screw legs are securely on the ground.

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.
- Lower the screw legs to the ground to support the ramp.
- Fold out the entry ramps.
- Fold out the connection plate to the vehicle.
- 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

- Using the crank handle, raise the ramp to at least 100mm above the dock edge floor.
- Move the ramp into position ensuring the rubber stoppers are butted against the dock.
- Lower the support legs to the required height with the crank handle to allow for needed support.
- Lower the screw legs to the ground to support the ramp.
- Fold out the entry ramps.
- Fold out the connection plate to the dock.
- 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.

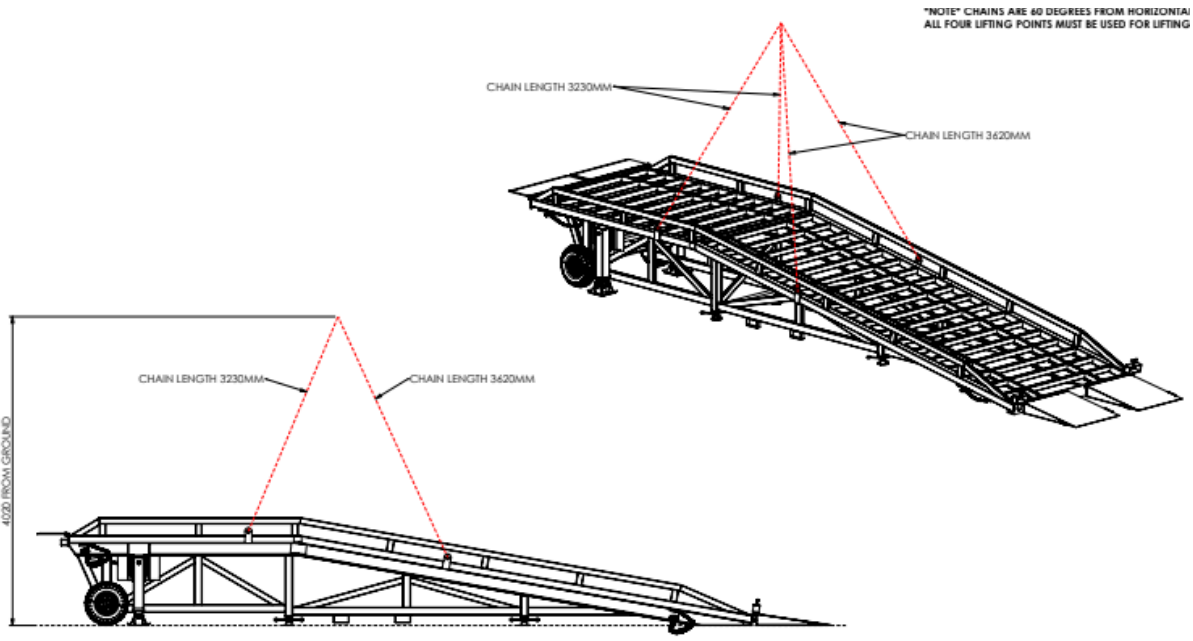
Removing from the In-Use Position for Vehicles

- Disconnect the safety chains.
- Fold the connection plate back to the yard ramp.
- Raise the screw legs.
- 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

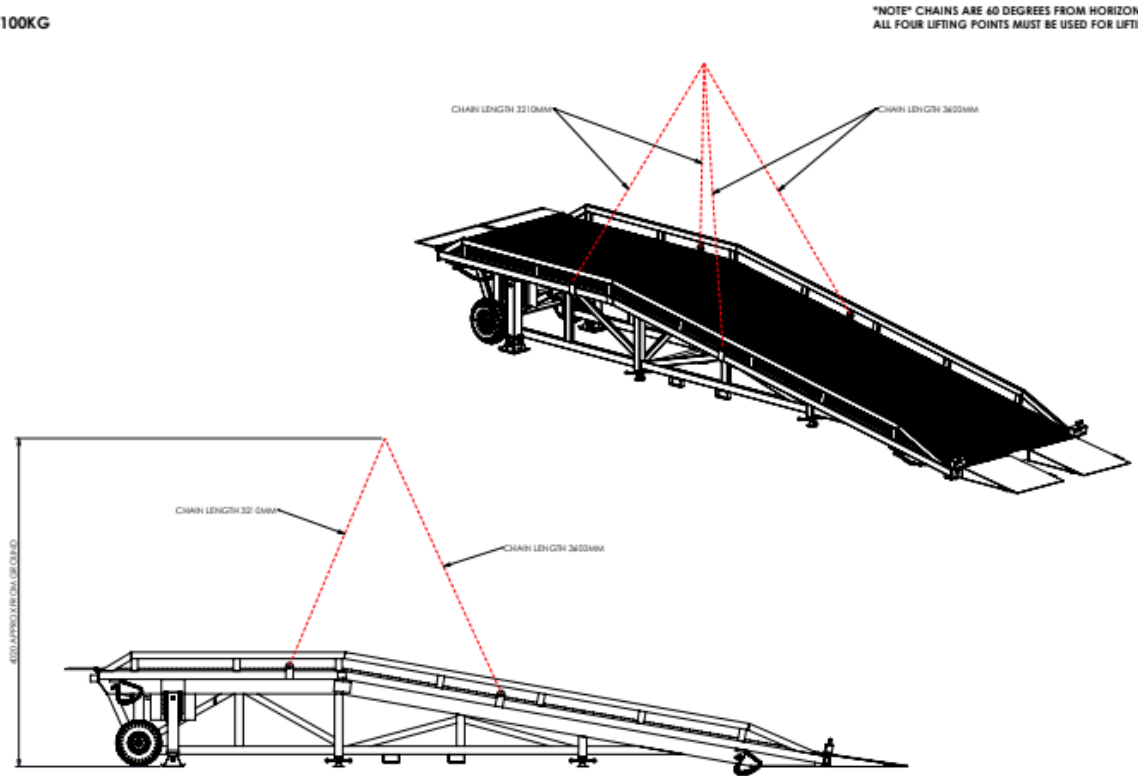
- Disconnect the safety chains.
- Fold the connection plate back to the yard ramp.
- Raise the screw legs.
- Using the crank handle raise the yard ramp at least 100mm above the dock level.
- Fold the entry ramps back to the yard ramp.
- Roll the yard ramp away from the dock.

7. RIGGING DIAGRAM

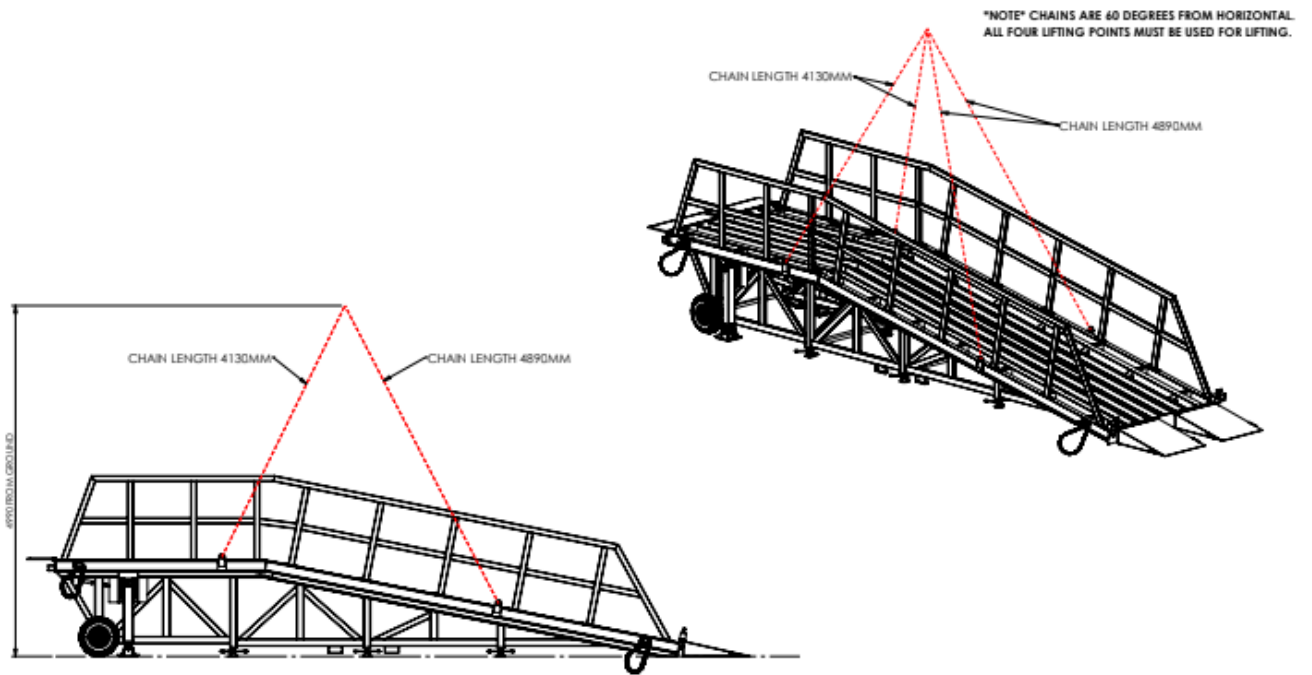


8-Tonne Ramp

RAMP WEIGHT = 3100KG



12-Tonne Ramp



16-Tonne Ramp

7. MAINTENANCE

- Inspect all components regularly including inspection of the frame structure weld joints, deformation, oil leaks, 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.

8. MAINTENANCE RECORD

Maintenance/Safety Task	Details	Date Reported	Date Resolved

GENERAL PRODUCT WARRANTY: Products purchased from the Authorised Dealer (original place of purchase) or Merchant (“Dealer”) will be free of defects in material and workmanship at the time of receipt, and will meet the specifications stated at the place of the purchase transaction or online at the Dealer’s website, under normal use and service when correctly installed, operated and maintained. This product warranty is effective for the period of time stated below unless otherwise stated in the product instructions or depicted in the product advertisement. All Authorised Dealer warranties are NON-TRANSFERABLE and cover only the original end purchaser. This limited warranty does not cover products purchased through non-authorised dealers. Non-authorised dealer receipts are not accepted for warranty verification.

Warranty claims must be made directly to the original place of purchase.

WARRANTY PERIOD: This warranty remains in force for one year from the date of the product’s accepted delivery. The Authorised Dealer offers a one-year manufacturer’s warranty for most products unless otherwise specified in the product advertisement.

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 product 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.

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.