

DATA CENTER

Server Rack Ramp

User Manual: Information And Operation



SERIAL NUMBER



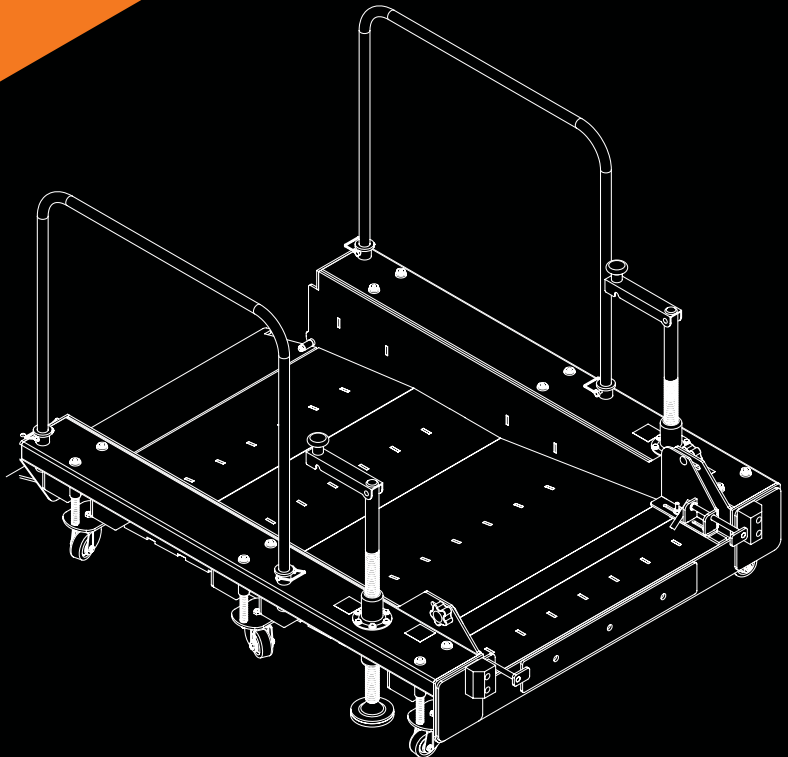
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Liability Statement

This product, the Mobile Server Rack Ramp™, has been built to the highest standards of PHS West. Please do not attempt to operate or repair this equipment without adequate training. Any use, operation, or repair in contravention of this document is at your own risk. By acceptance of this system, you hereby assume all liability consequent to your use or misuse of this equipment. PHS West assumes no liability for incidental, special, or consequential damage of any kind. PHS West reserves the right to make equipment or product specification changes at any time. This manual, and all information contained within it, are subject to revision at a future date.

End of Life Statement

Your PHS West Mobile Server Rack Ramp™ has been designed to provide years of reliable and trouble free service, but at some point in time, it may be necessary to retire the system from service. To protect the environment, the following requirements should be considered and followed:

- This PHS West Mobile Server Rack Ramp™ is primarily constructed from carbon steel and contains no hazardous materials.
- The PHS West Mobile Server Rack Ramp™ is considered industrial equipment as stated in Category 6 of Annex 1A of European Waste Directive.
- Included in the PHS West Mobile Server Rack Ramp™ are components manufactured by others. Their retirement and disposal are covered in the individual equipment technical manuals listed in the PHS West manual if applicable.

Proprietary Notice

All drawings and information herein are the property of PHS West. All unauthorized use and reproduction is prohibited.

Trademark Acknowledgments

- All product names and trademarks are the property of their respective owners.
- The Mobile Server Rack Ramp™ is a trademark of PHS West.

Revision Log

Revision Level	Date	Affected Pages	Description of Change
E	3/30/2020	All	Updates to Training Material
F	1/5/2026	All	Branding



Introduction

The Mobile Server Rack Ramp™ is used to accommodate moving servers out of shipping and storage crates. For an understanding of efficient and safe operation, it is important you read this manual.

The Mobile Server Rack Ramp™ is a non-motorized ramp requiring a trained user. If you have any

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Safety

Document Symbol Conventions

It is important that you read and understand this manual. The information contained within relates to protecting your safety and preventing problems. The symbols below are used to help you recognize this information.

Symbol	Description
	DANGER! Indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury
	WARNING! Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury
	CAUTION! Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury
	NOTICE: Indicates a potential situation which, if not avoided, can result in property damage or damage to the equipment
	Note: Indicates information, notes, or tips for improving your success using the equipment

CAUTION!

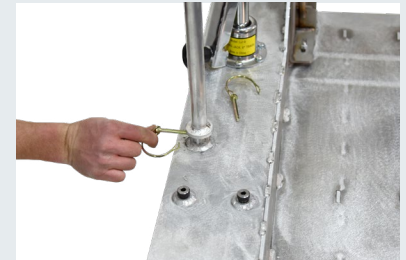
Failure to follow these instructions may result in serious injury or damage.

- Personnel responsible for system operation and/or maintenance should attend all available safety and operational training courses.
- Do not defeat or disconnect safety interlocks on covers, doors, or any other hazard barrier.
- Observe all safety and warning signs.
- Make sure the floors in the area are dry and non-slip. Keep the work area clean to help identify working hazards and conditions.
- The Mobile Server Rack Ramp™ is designed for use on flat surfaces only.
- Never operate the ramp if your visibility is obstructed.
- Always use safety straps or paddles while towing safety equipment.
- Never carry riders on the ramp.

Operation

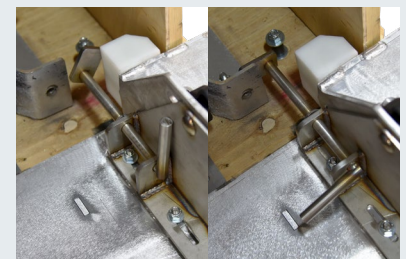
Assemble the Handles

1. Insert the handles into the sockets on the ramp.
2. Using a 1/2" wrench or socket, install and tighten both 5/16"-18 hex head bolts on each leg of the handle to secure into position. Do not over-tighten; approximately 5ft-lb (6.8 N-m) of torque on each bolt is sufficient to retain the handle in place.



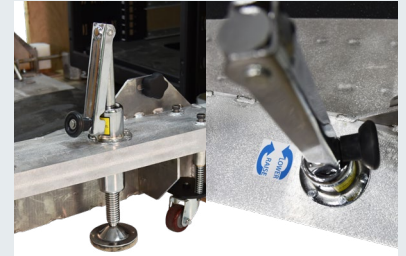
Unloading a Server Rack

1. Roll the ramp to the pallet until the end face of the ramp contacts the side of the pallet.
 - Use the guide blocks to align the ramp with the pallet.
2. Loosen the latch adjustment knob.
3. Slide the latch into the crate and rotate so the tab is behind the crate bracket.
4. Slide the latch away from the crate and tighten the latch adjustment knob to secure the connection.
 - Ensure the gap is as small as possible.
5. Repeat on the opposite side



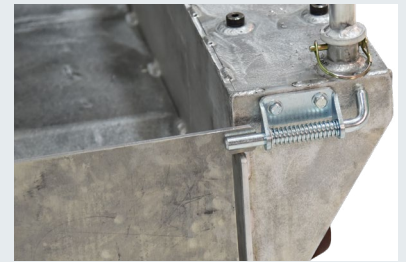
Adjusting the Ramp and Crate Height

1. Adjust the height with the height adjustment jack. Turn the height adjustment jack in the direction indicated on the label to achieve the desired height.
2. Stand on the ramp to compress the springs. Rotate the jack handle to level the ramp to the crate floor.
3. Repeat on the opposite side.



Opening the Gate

1. Release the latch to open the gate.
2. The ramp is ready for use.



Maintenance

⚠ CAUTION!

Only minimum maintenance is required to maintain the service and dependability of the ramp. Failure to follow these instructions may result in personal injury or property damage.

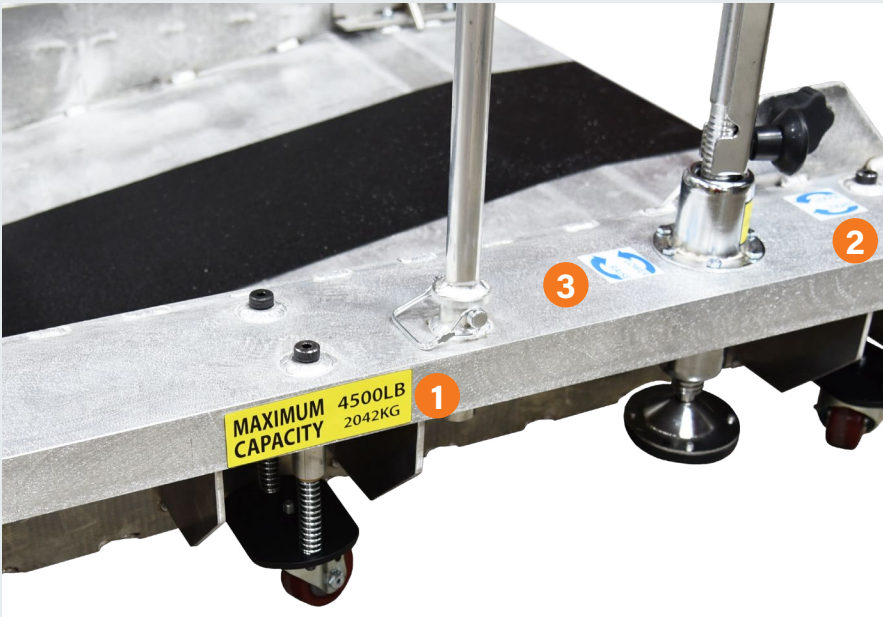
Daily

- Always inspect your ramp before using it. If any of the following are found to be damaged, nonfunctional, or missing, remove the ramp from service and replace immediately.
- Visually check the caster wheels for damage.
- If equipped with safety straps, check that the straps are functioning and secure.
- Visually check the ramp for any other external damage.

Monthly

- Check and tighten any exposed fasteners.
- Check all bolts and connections for tightness and wear
- Check casters for roughness during rotation. Replace if necessary.

Labeling



Label	Description
1 MAXIMUM CAPACITY 4500LB 2042KG  	The ramp has a weight capacity of 2,042kg (4,500lb).
2 	Indicates direction for tightening the latch adjustment knob.
3 	Indicates the direction for the height adjustment jacks.

Label	Description
	Manufacturer Country of Origin
	Equipment Serial Tag

Notes