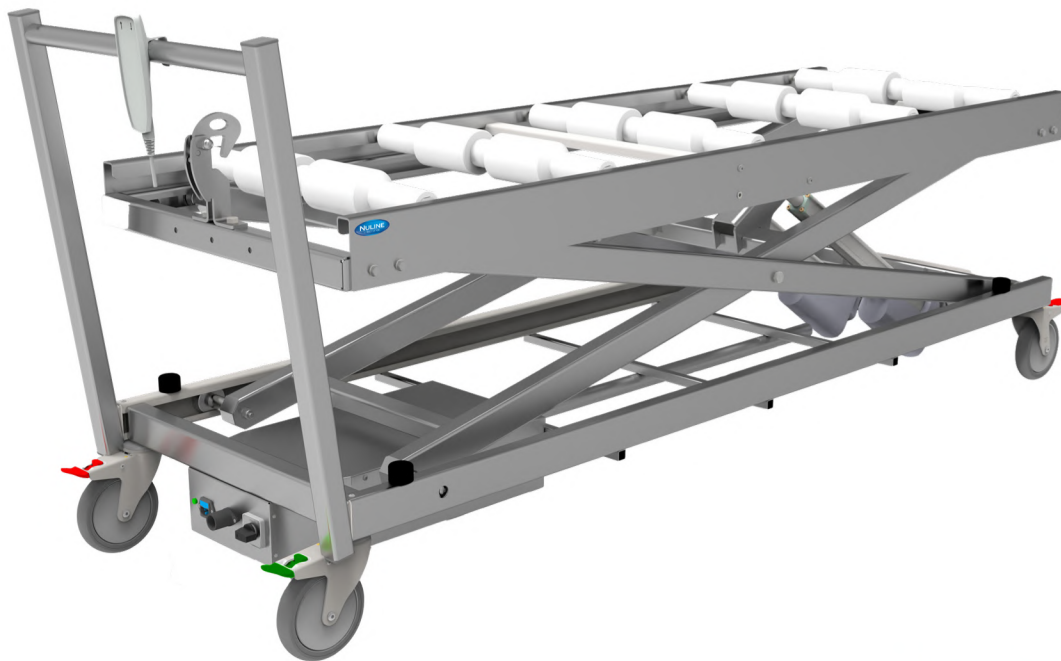


NULINE

REFRIGERATION



CEA300 LIFTER

Warranty, Installation,
Maintenance & Operational
Manual

Distributor

EVOCARE AUSTRALIA PTY LIMITED

A.B.N. 98 078 566 604

Trading as **EVOCARE** and **L&M EQUIPMENT**

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	WARNING
	If the lifter is not working as it should on first use please contact us right away and do not use the lifter.



INTRODUCTION

Your New Nuline Lifter

Thank you for choosing a Nuline lifter please read through the warranty, manual and specifications of your lifter carefully to become familiar with your new lifter.

Our lifter are designed and manufactured to meet the specialized needs of the biomedical industry. With correct care and maintenance in accordance with these instructions, your new lifter will provide many years of reliable service.

Nuline Refrigeration has been manufacturing refrigerators and freezer cabinets in our Melbourne factory for the Australian market since 1985. Our specialized range of biomedical cabinets that are Australian made and imported from selected global suppliers, are used extensively across hospitals, medical centres, pharmacies, and laboratories.

Carefully read this instruction booklet, as it contains important advice for safe installation, operation, and maintenance. Keep this booklet on hand in a safe place for future reference by other users.

Disclaimer

Nuline refrigeration cabinets are designed for the storage of cooled, chilled or frozen biomedical products, such as vaccines, laboratory samples, and, but not limited to pharmaceutical drugs and medication.

The use of Nuline cabinets for any other application is not warranted unless subject to prior approval by Nuline. The cabinets are designed specifically to store products that are already cooled, chilled or frozen to the required temperature.

The cabinets are not designed to be ordinarily switched off as bacteria growth, mould, odours, rust, or water overflow could occur.

Transportation of the cabinet must be always done with the cabinet upright, do not lay the cabinet on sides, front, or back.

Warranty

Our warranty can be found on our website at www.nulinerefrigeration.com.au/CustomerService/warranty and alternatively you can scan this QR code.



INTRODUCTION

Safety

For everyone's safety, it's very important to follow all instructions. Not following the safety guidelines could cause serious injury or damage. Keep these instructions for future use.

Product Safety

- Only use original parts and accessories from the manufacturer. Using other parts can cause injuries, reduce performance, and void the warranty.
- Keep the lifter well-maintained and clean, following the maintenance manual.
- Only use the lifter when it's in good working condition and follow the user guide.
- Do not make any changes to the unit unless the manufacturer has given written permission.
- Replace any missing or damaged warning labels or manuals when needed.

Personal Safety

- Only trained and qualified people should use, clean, or maintain the lifter.
- Always watch out for others nearby. Serious injuries can happen if the lifter hits someone or is used when others are too close.
- Use proper lifting and handling techniques to avoid injury:
- Be careful not to strain yourself when pushing or pulling the lifter.
- Be careful when loading or unloading trays by hand.
- If you're in a tight space, be extra careful. Keep both hands on the handle to avoid pinching your fingers.
- If something goes wrong and the lifter moves unexpectedly, press the emergency stop right away and contact the manufacturer.



INTRODUCTION

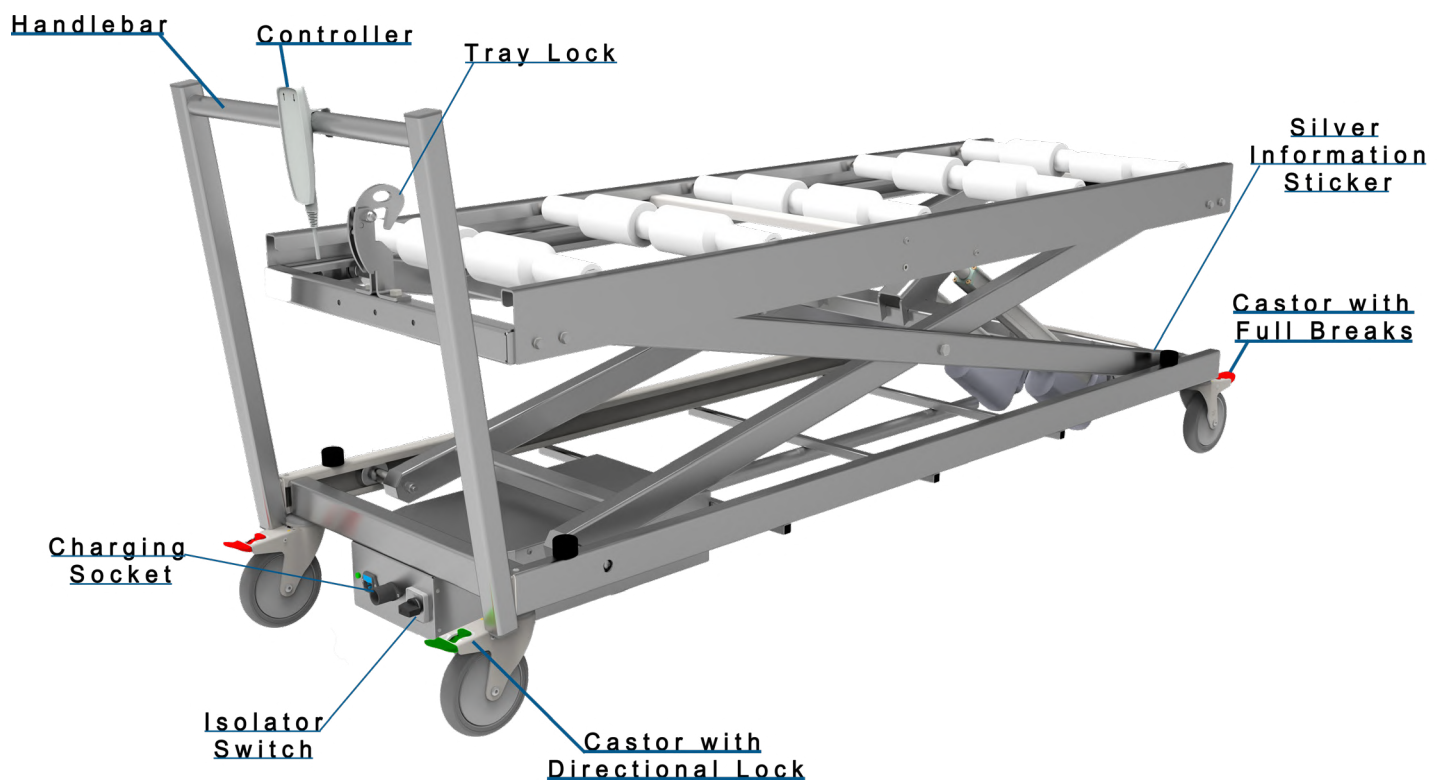
Electrical Safety

- Always be very careful when using heavy-duty electrical equipment.
- Never unplug the unit with wet hands.
- The plug must fit properly into the socket. Don't change the plug or use an adapter with earthed (grounded) equipment. Using the correct plug and socket helps prevent electric shock.

PRODUCT OVERVIEW

Lifter Description

CEA300





PRODUCT OVERVIEW

Silver Information Label

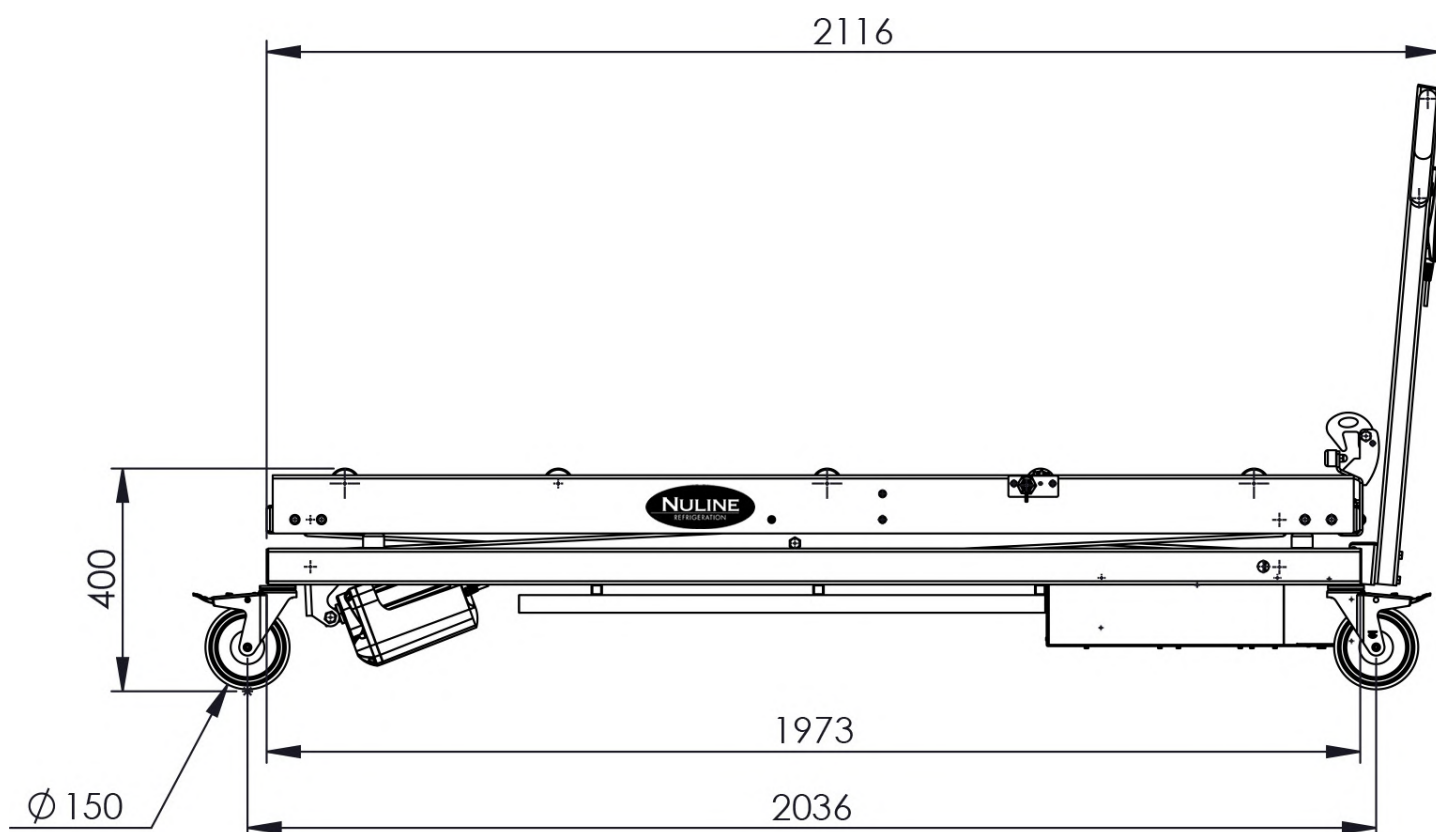
The silver information label is placed on the bottom rail at the front of the lifter.

Nuline Refrigeration		
Model: CEA300	Powered Litfing Trolley	
Serial Number: 19831	Year: 2025	Weight: 150KG
Max Load 300KG	Voltage: 240v 50Hz	
Nuline Refrigeration (03) 9562 3355 www.nuline.au info@nuline.au		

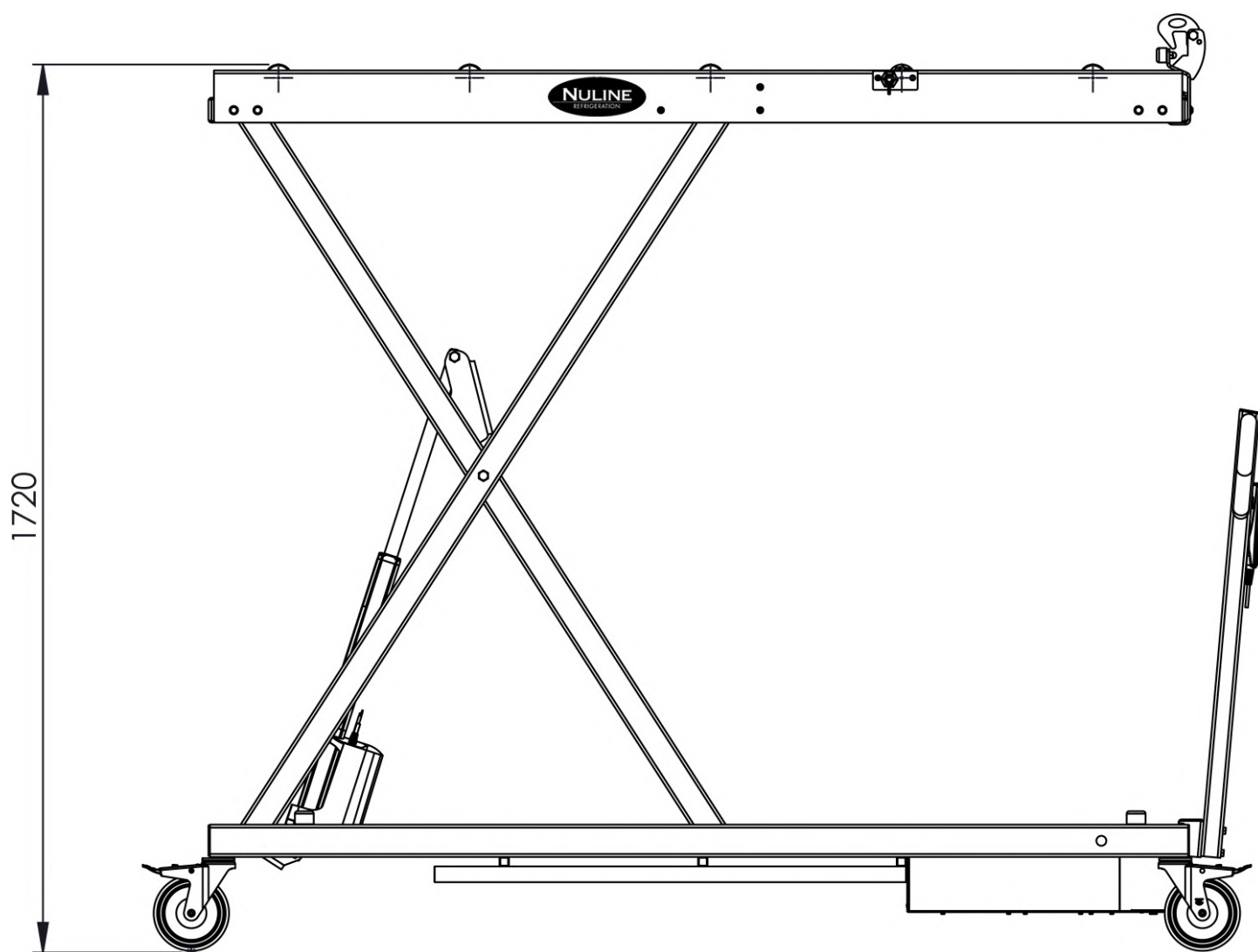
PRODUCT OVERVIEW

Specifications

Model	Lifter
Part Number	CEA300
Serial Number	Refer to data plate located on machine
Lifting Capacity	300 kg (Including tray)
Max Load	300kg
Net Mass	150 kg
Minimum Height	400 mm
Maximum Height (Loaded)	1720 mm at 300 kg load
Electrical Supply	230V, 50Hz
Electrical Connection	Standard 240V AC socket (C14 IEC Plug)
Noise Emission	>60 dBA, <70 dBA




PRODUCT OVERVIEW




INSTALLATION

Setting Up

	<p>WARNING</p> <p>Improper installation, adjustments, alternations, service, or maintenance can cause property damage, injury, or death.</p>
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Packaging

- Remove all packaging materials.
- Take off any protective film from the appliance.
- Dispose of packaging in an environmentally friendly way.
- Clean the appliance with a damp cloth and dry it with a clean cloth before first use.

	<p>WARNING</p> <p>Danger of suffocation due to packing material and plastic film. Do not allow children to play with packaging material. Take the packaging material to an official collection point.</p>
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OPERATION

Initial Start-Up & Operation

Initial Use Procedure

To use the lifter, follow these steps:

- Turn the isolator switch to "ON".
- If the battery charge is low, fully charge the unit.
- Disconnect the lifter from the power supply.

Operating

- Once unpacked and charged, the lifter is ready to use.
- Ensure all users are properly trained, either by the supplier or a trained staff member.
- All users should read the operation manual before first use to understand how to operate the lifter safely.
- Enjoy using the lifter!

Isolator Switch

The isolator switch shown in Figure below must be turned to the "ON" position before operating the equipment. If this switch is in the "OFF" position none of the systems electrics will operate. This switch is primarily for use by maintenance personnel to prevent injury during equipment repair or maintenance.

Charging Battery

Ensure that the battery is fully charged before using for a long period; if the battery is not charged, recharge the battery using 240V mains power. The battery charging socket is located on the side of the batter box as shown in Figure It is highly recommended that the batteries are fully charged daily to extend the life of the battery.

OPERATION

Castor Wheel Locking and Unlocking

The lifter is equipped with four locking castors: three with RED tabs and one with a GREEN tab.

- The GREEN castor is located at the front left of the lifter (when viewed from the handlebars). It provides directional locking only, allowing the lifter to move in a straight line.
- The three RED castors provide full brake and swivel locking, preventing all movement when engaged.
- Press the large tab at the end of the castor frame to engage the lock.
- Press the small tab on top of the frame to release the lock.



IMPORTANT	
Ensure that the castors are fully locked (brake and swivel) BEFORE transferring trays to or from the racking. This will prevent any unexpected movement and eliminate the risk of dropping the tray.	

Rising and Lowering the Lifter

To raise or lower the lifter, use the single-row hand pendant with Up and Down arrow buttons.

- Press the Up arrow to raise the platform.
- Press the Down arrow to lower the platform.
- The platform can be stopped at any height as needed.

The lifter has a height range of 400 mm (minimum) to 1720 mm (maximum) when lifting up to 300 kg (Including Tray)

Note: The trolley is not designed for continuous lifting. The actuator has a maximum duty cycle of 20%, meaning it should be operated for no more than 4 minutes continuously, followed by a mandatory 16-minute rest period. This prevents overheating and ensures safe, reliable performance.

OPERATION



IMPORTANT

Ensure the area around the lifter is clear before raising or lowering the platform. Major damage can occur if the lifter catches on any fixed objects such as benching.



WARNING

Ensure that no one has any part of their body within the travel of the scissor lift portion of the trolley.

Tray Lock

The tray lock operates automatically when the tray is pushed all the way to the handle end of the lifter. This will engage the locking mechanism located on the top frame channels.

To unlock the tray, lift the tray lock manually in the upwards direction.



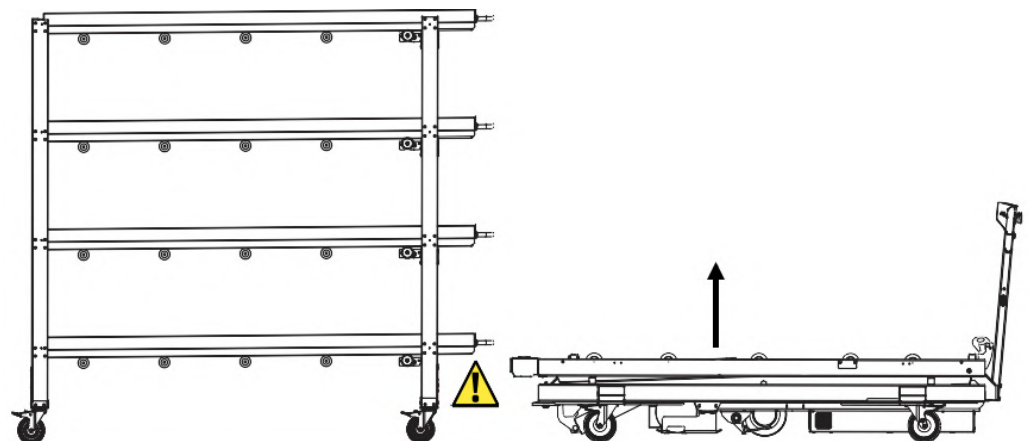
IMPORTANT

Do not raise or lower the tray deck without locking the tray onto the lifter. Do not transport the tray or move the lifter without locking the tray into the lifter.

Tray Loading and Unloading

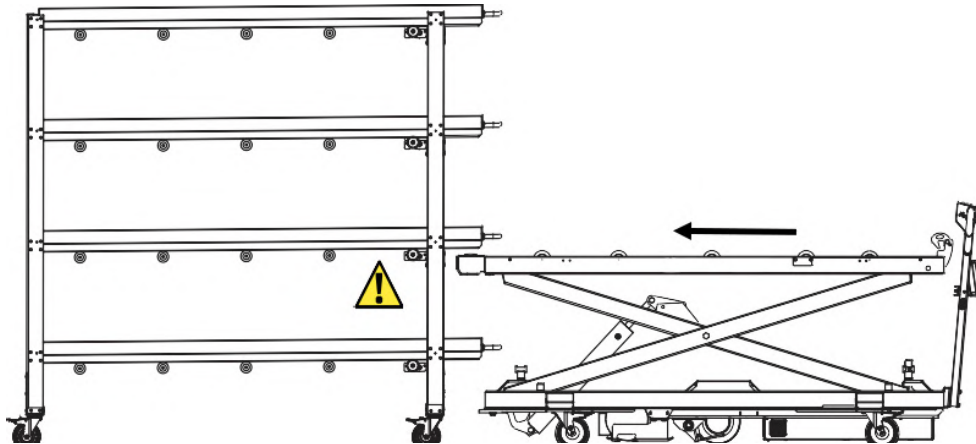
The following procedure explains the sequence for unloading.

1. Position the lifter in front of the rack with sufficient clearance to raise the trolley. Raise the lifter to a height immediately below the tray to be removed.

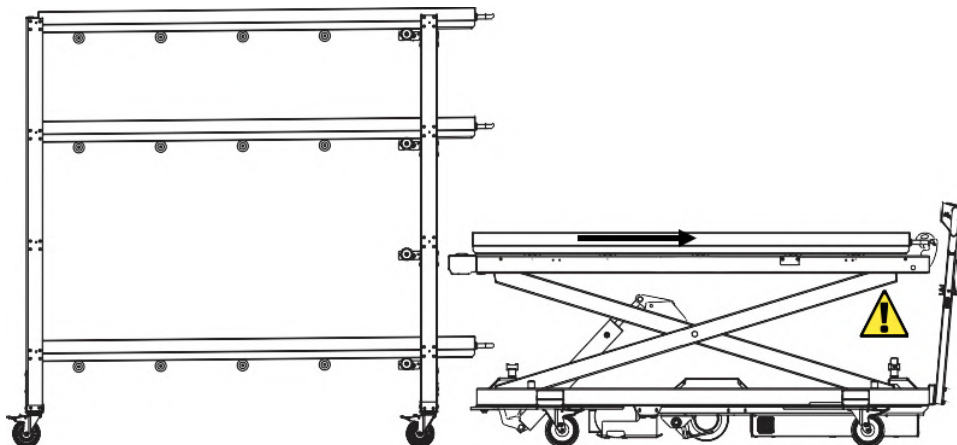


OPERATION

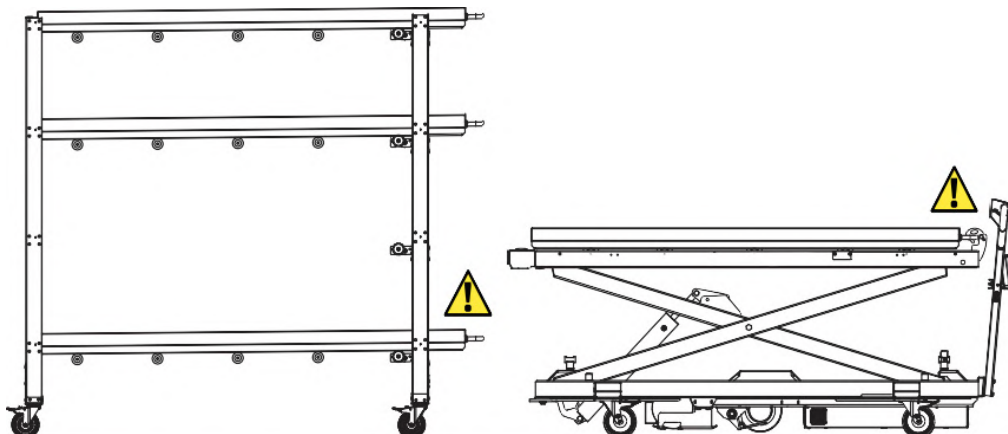
2. Carefully push or drive the lifter into position below the tray to be removed. If a transfer roller is installed, make sure, the roller is touching the underside of the tray intended to be removed.



3. Lock all castors to prevent unintended movement. Withdraw the tray from the track manually. Keep hands away from the moving tray.

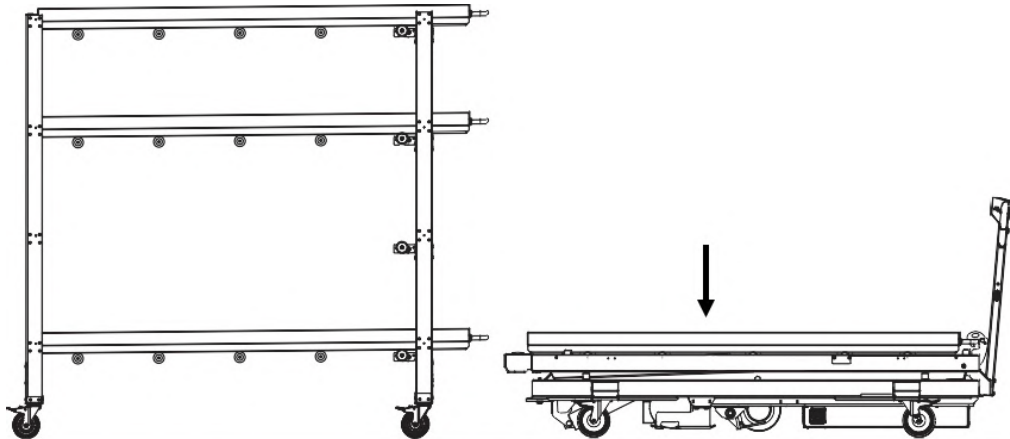


4. Check that the tray lock is engaged. Move the lifter back from the rack to a position where there is sufficient clearance to lower the trolley.



OPERATION

5. Lower the lifter. Do not move the lifter away from the rack until it is fully lowered as this is the most stable operating position.



To unload a tray from the rack, follow the loading steps in reverse order.

The key difference is that you must disengage the tray lock before removing the tray from the lifter.



MAINTENANCE

Troubleshooting

Lifter Won't Power Up

- Make sure the isolator switch is turned on
- Make sure the batteries are charged
- If the above items have been checked, then have an electrically qualified maintenance staff check the battery connections inside the battery box.

Battery Won't Charge

Check the battery voltage. Use the + and – terminals to display the voltage. While charging, it should read between 27–28 volts. If the voltage is outside this range, contact a qualified maintenance technician to inspect the unit.

MAINTENANCE

Disposal

If the lifter is no longer of use, please dispose in an environmentally correct way.

- Contact a qualified service technician to recover all refrigerant and to remove the compressor vor remove the oil from the compressor.
- The distributor / retailer can contact their local metal recycling centre to collect the remaining lifter, shelves, etc.
- There may be special requirements or conditions. Information on the disposal of refrigeration appliances can be obtained from government authorities, (the local council, Ministry of the Environment, etc.)
- Discarded electric appliances are recyclable and should not be discarded in the domestic waste. Please actively support us in conserving resources and protecting the environment by returning this appliance to the collection centres (if available).
- Dispose of packaging in accordance with applicable legal regulations.

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