REID LIFTING

MATERIALLIFT®

Assembly & Operation Guide

REIDLIFTING.COM

Contents

REID LIFTING

MATERIALLIFT®

Lightweight. Portable. **Safe.**

Please read the following instructions and guidance notes carefully, before using or operating the system.

They contain important information about how to handle and use the system in a safe and efficient way, avoiding danger, reducing repair costs and downtime, and increasing the reliability and lifespan of the system.

They apply for:

- Operation, including preparation, troubleshooting during operation and cleaning
- Maintenance, inspection, repair
- Transportation

It is the responsibility of the end user to adhere to the Health & Safety and accident prevention standards and legislation valid in their respective countries and any regions in which the system is being used. It is also incumbent on the user or competent person to ensure that anyone working with the equipment has the necessary medical and physical capabilities. This document should form part of the overriding Risk Assessment and Method Statement required for each lift.

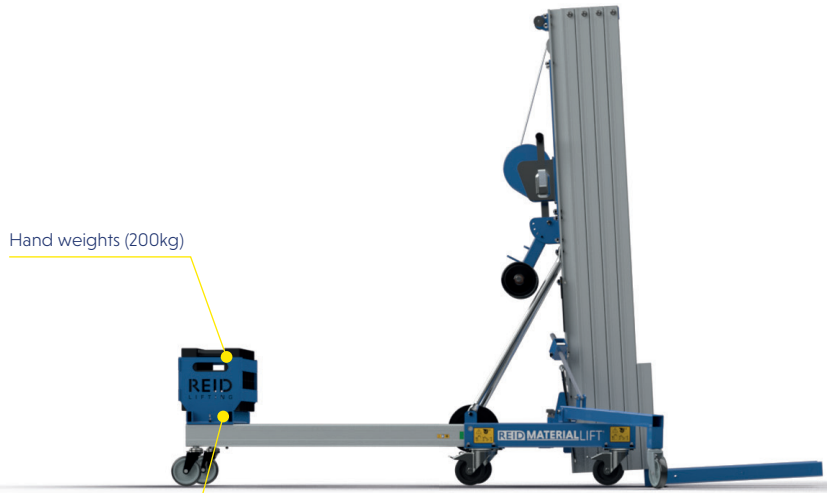
Any pages with a yellow warning symbol must be carefully read otherwise there may be risks of serious injury or death.

Parts and Components

Warning: It is the operator's responsibility to follow all the safety rules and instructions in the operator's manual. Using the system for anything other than lifting material is unsafe.

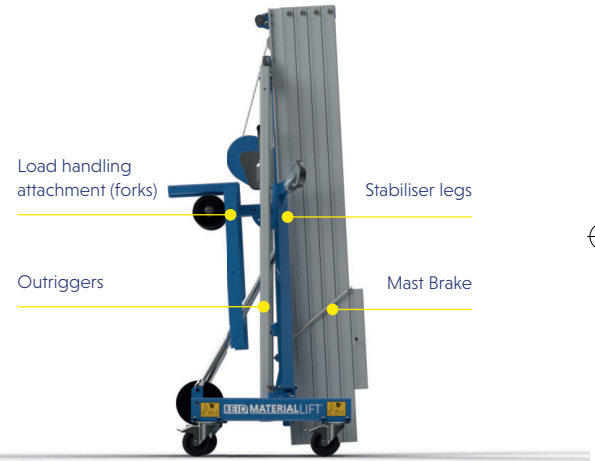
Parts and Components

MATERIALLIFT® Counterbalance



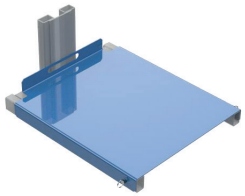
Hand weight
20kg each

MATERIALLIFT® Stowed

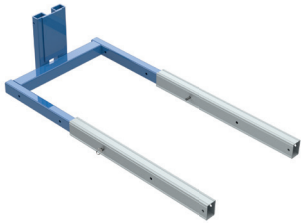


MATERIALLIFT® Attatchment Accessories

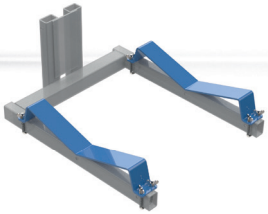
In addition to the standard forks the RML can be configured using one of our accessories for specific use and applications.



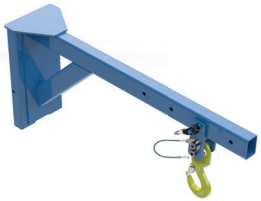
Load platform



Fork Extensions



Pipe cradle



Boom arm

Correct Operation

Intended Use

This product is intended to be used for the lifting of materials only.

It is expected that all users of this product have the necessary medical and physical capabilities, are fully trained and competent in its safe assembly and use.

Each operator must carry out the following prior to beginning any lift

- Pre-operation inspection
- Function Tests
- Workplace inspection

Inspection Prior to Initial Operation

Each product must be inspected prior to initial operation by a competent person to ensure that the structure is safe and that it has not been damaged by incorrect assembly, transport or storage.

Inspection Before Starting Work

Before starting work, the product assembly and all load-bearing components should be checked for visual defects as per the inspection checklist on page 11.

Maximum Capacity

Materials Lifting: This product is designed to lift and lower loads up to its rated capacity. Ensure you have measured the Centre of Gravity correctly and do not exceed the working load limit (WLL), as per the load chart. Refer to Load Capacity section, page 32.

Warnings

- All load handling attachment information is for REID products only. For any third party attachments you must refer to their specific operations manual or instructions.

Safety Hazards

Be aware of all potential hazards listed in this document, ensuring correct operation throughout system usage.

Fall Hazards

- Do not attempt to use the system as a platform for lifting personnel, as a step or a ladder
- Do not stand on the load handling attachments
- Do not climb on the mast

Lifting Hazards

- Always use proper lifting techniques to load the system
- Always maintain proper lifting techniques when installing or removing load handling attachments
- Never leave the REID Material Lift unattended with a load attached

Electrocution Hazards

- The system is not electrically insulated and will not provide protection from contact with or proximity to electrical current
- If the system comes into contact with energised power lines you must stop work and step away from the system immediately
- Power lines must be shut off before any attempt to move or operate the system following any contact incident
- Be aware of and allow for mast movement and sway or sag of electrical lines, particularly in windy conditions
- Maintain safe distances away from electrical power lines and apparatus in accordance with applicable governmental or local regulations

Bodily Injury Hazard

- Do not grasp the winch cable
- Keep away from moving parts of the machine during operation

Crushing Hazards

- The load must be properly centred and balanced on the load handling attachment before raising
- Do not stand or allow others to stand under the load or system at any time
- Maintain a firm grasp on the stabiliser leg when the lock plates are released to ensure smooth lowering. The stabiliser leg will drop if allowed which could cause harm or damage
- If necessary, erect barriers around the lifting apparatus and lift area to protect people

Safety Hazards

Tip-over Hazards

- Ensure the castors on the outriggers and stabiliser legs (if equipped) are fully in contact with the ground before attempting any lift.
- Do not raise the load unless the outriggers are properly inserted and the retention pin is fully engaged (see assembly instructions page 14)
- The supporting ground/structure where the RML is to be used must be flat, level, stable and capable of withstanding the maximum expected load applied during use
- Maximum castor surface pressure at full load - 12.22Mpa
- Ensure the load handling attachment is fully engaged before beginning any lift
- Do not use blocks or any other kind of temporary fixings to level the system
- The system must not be moved with a raised load, except for minor adjustments by a competent person
- The system must not be used in adverse weather conditions, such as strong or gusty winds
- Do not cause side-load on the system by attempting to raise a fixed or unbalanced load.
- Do not lean any tools or equipment against the system under any circumstances.
- Do not exceed the rated WLL. See Load Capacity section (page "Load Capacity and Positioning" on page 32)
- Only use approved REID components when replacing parts

Collision Hazards

- Ensure the work area is clear of any overhead obstructions or hazards
- Take care when transporting the system on an incline or slope and ensure to apply the castor brakes if stopping
- Refer to the stowage and transportation section (page 36) to ensure correct and safe loading of the system into a vehicle.

Damaged System Hazards

- Ensure system is fully operational and in working order before use
- Ensure there are no defects to the winch cable
- Do not use a system with less than 4 wraps of cable on the winch drum when the carriage is fully lowered
- Conduct a thorough pre-operation inspection prior to each use (refer to the checklist on page 11)
- Ensure that all decals and warnings are in place and legible prior to use (see the product labelling section, page "Product Labelling" on page 51)
- Ensure that the Operations & Assembly Guide is complete, legible and stored correctly on the system after reading
- Maintain proper lubrication on the winch. Do not allow oil or grease on braking surfaces

Inspection & Maintenance

MATERIALLIFT

Before operating the RML, you must learn and practice the principles of safe system operation contained in this document.

The following information is based on REID Lifting's recommendations and does not remove the responsibility of the user to comply with the relevant regulations and standards that are valid in the respective countries and regions where the system is being used.

You must complete the following before beginning work of any kind:

- Pre-Operation Inspection
- Workplace Inspection
- Function tests (see page 30)

Pre-operation inspection

A visual pre-operation check must be completed by each operator prior to use of the system. If there are any defects or damages the operator must cease work immediately and not use the system.

Read and carefully follow the steps below to properly prepare for a visual pre-operation inspection.

- Ensure that the system does not have any modifications, obvious damage, loose or missing parts. The system must be quarantined and removed from service if there are any defects present.
- Only competent service technicians may make repairs to any Material Lift system
- Be sure that all decals are legible and in place

Check the following parts, components and areas for modifications, damages, loose or missing parts.

- Winch and related components
- Cable (kinks, frays, abrasions)
- Cable anchor
- Pulleys
- Base including outriggers storage housing
- Outriggers
- Stabilisers and latch plates (if equipped)
- Castors
- Mast columns
- Mast supports
- Mast brake
- Load handling attachments (if equipped)
- Nuts, bolts and other fasteners

Check the whole system for the following problems

- Damages, defects, deterioration or dents
- Corrosion or rust
- Cracks in welds or structural components
- Ensure that all structural and critical components, including pins, bolts and nuts, are in place correctly
- Be sure there is a minimum of 4 wraps of cable around the winch drum when the carriage is fully lowered

Inspection & Maintenance

Correct PPE

The follow Personal Protective Equipment must be worn prior to beginning the function tests.

- Hard Hat
- Goggles
- Gloves
- Work Boots with steel toe caps

Workplace Inspection

The workplace inspection is essential for the integrity of any lifting work with any RML model. It is the responsibility of each operator of the system to carry out a risk assessment of the workplace prior to each lift.

Be sure to check the following potentially hazardous situations and circumstances and any others that may be specific to each work site.

- Holes, drops or steep declines
- Bumps and raised floor obstructions
- Debris
- Sloped surfaces
- Unstable or slippery surfaces
- Overhead obstructions and high voltage conductors
- Hazardous or perilous locations
- Inadequate surface support to withstand all load forces imposed by the system
- Wind and weather conditions
- Other work equipment, especially moveable equipment in the vacinity of the work area
- The unit should only be operated on stable, flat level ground

Storing the System

When storing the system, you must ensure that the location meets the following requirements.

- Protected from weather conditions
- Firm, level surface without risk of falling
- Nothing is being leaned onto the system
- Clear of obstructions and traffic or potential collision areas

Prior to Operation

Prior to beginning any function test or operation lift the operator must ensure the following

- The unit has been assembled correctly for the configuration
- That the load handling attachment been installed correctly
- The supporting ground/structure where the RML is to be used must be flat, level, stable and capable of withstanding the maximum expected load applied during use
- All 4 castors must be locked and be in contact with the ground
- The workplace inspection (as per page 12) has been carried out
- Once the function test has been completed and the operation begins, guidance must be followed with regards to specific load conditions (as laid out in page 33)
- All operators must be aware of the correct operation procedures (as outlined on page 8)

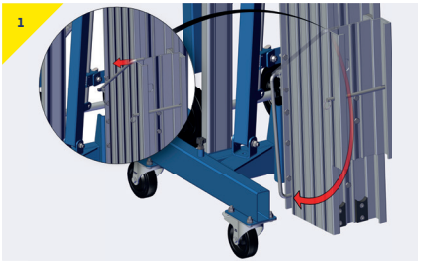
Assembly Instructions | Forward Facing

It is the responsibility of the operator to follow this section in it's entirety, failure to do so could result in serious malfunction or failure of the machine.

Warning: Using the system for anything other than lifting material is unsafe.

Appropriate PPE should be worn:
› Gloves › Protective Footwear › Hard Hat

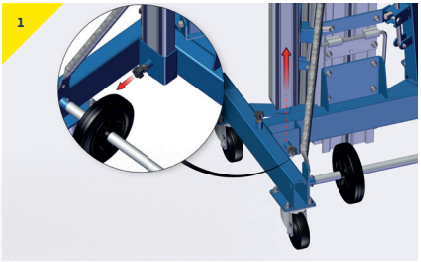
Removing The Mast Brake



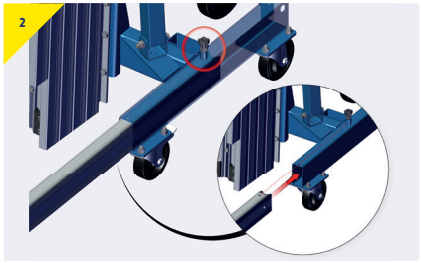
› Pull the mast brake away from the mast and rotate to the rear of the mast.

› Mast brake is now disengaged ready to begin the set up.

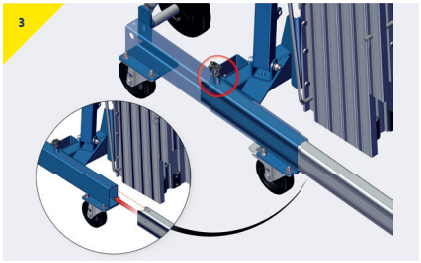
Securing the Outriggers



› Release the first outrigger from the storage point by operating the retention pin and removing from the housing.



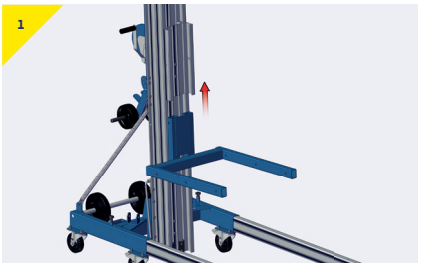
› Insert the outrigger into the base at the front (mast side), ensuring that the retention pin is securing the leg. The pin should click into place with the red/green decals aligned correctly. (See product labelling section, Page 51)



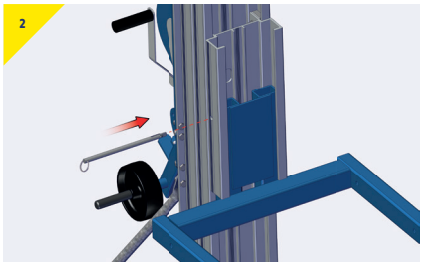
› Repeat the process for the second outrigger, ensuring it is fully secured by the retention pin clicking into place with the decals correctly positioned.

Assembly Instructions | Forward Facing

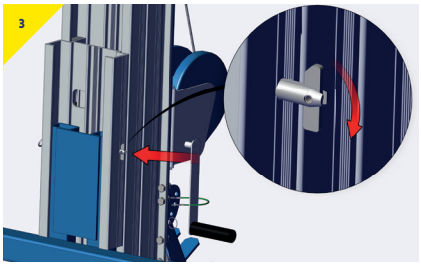
Securing the Forks | Down Position



› Insert the forks into the carriage from below (raise the carriage to a high enough position by using the winch).



› Insert the retention pin to secure.

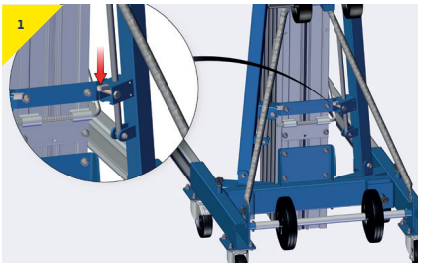


› Rotate the pin retention mechanism to a vertical position to prevent accidental pin removal.

See page 24 for the instructions for other attachment options and accessories.

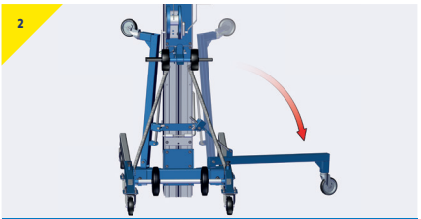
Lowering the Stabilisers*

1



› Hold the stabiliser leg and press locking tabs to release the leg.

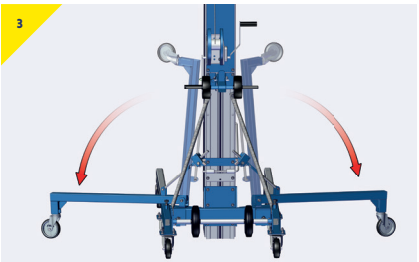
2



Do not allow the stabiliser legs to fall to the ground as this may result in injury or damage

› Keep pressing the locking tabs and lower the stabiliser leg until the castor touches the floor.

3



› Repeat the previous steps for the other stabiliser leg.

The **Forward Facing** configuration is now set up and complete, go to page 30 to begin the Unloaded function test.

*RML60 and RML75 only

Assembly Instructions | Counterbalance

It is the responsibility of the operator to follow this section in it's entirety, failure to do so could result in serious malfunction or failure of the machine.

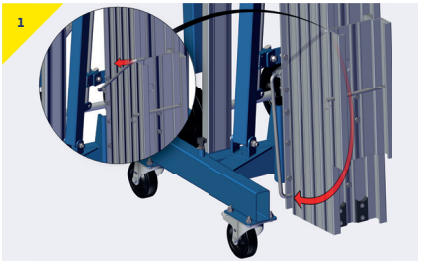
Warning: Using the system for anything other than lifting material is unsafe.

Appropriate PPE should be worn:

› Gloves › Protective Footwear › Hard Hat

Removing The Mast Brake

1



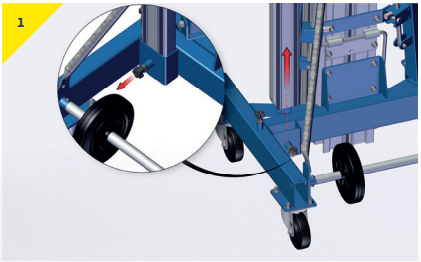
› Pull the mast brake away from the mast and rotate to the rear of the mast.

2

› Mast brake is now disengaged ready to begin the set up.

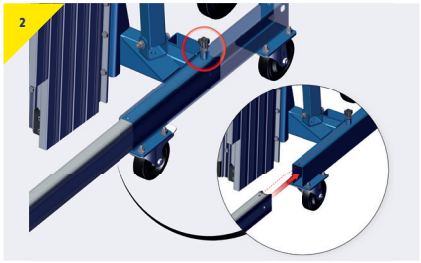
Securing the Outriggers

1



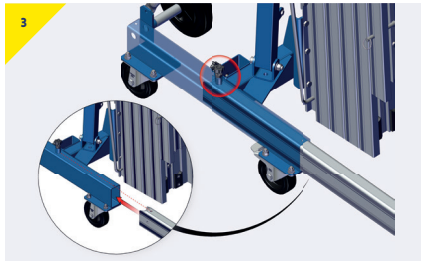
› Release the first outrigger from the storage point by operating the retention pin and removing from the housing.

2



› Insert the outrigger into the base at the rear (winch side), ensuring that the retention pin is securing the leg. The pin should click into place with the red/green decals aligned correctly. (See product labelling section, Page 51)

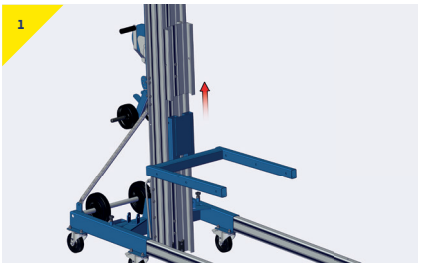
3



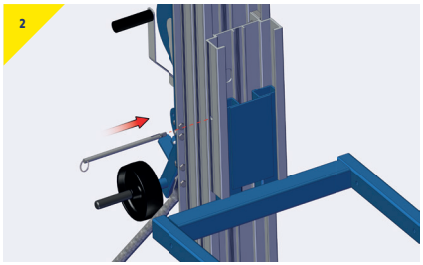
› Repeat the process for the second outrigger, ensuring it is fully secured by the retention pin clicking into place with the decals correctly positioned.

Assembly Instructions | Counterbalance

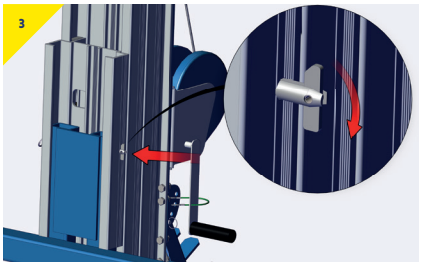
Securing the Forks | Down Position



› Insert the forks into the carriage from below (raise the carriage to a high enough position by using the winch).



› Insert the retention pin to secure.

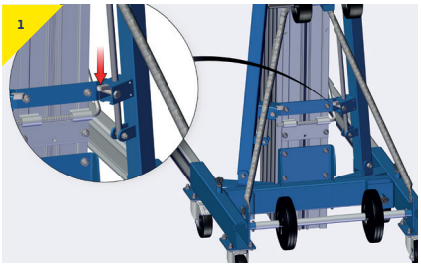


› Rotate the pin retention mechanism to a vertical position and push the pin out to lock the forks in position.

See page 24 for the instructions for other attachment options and accessories.

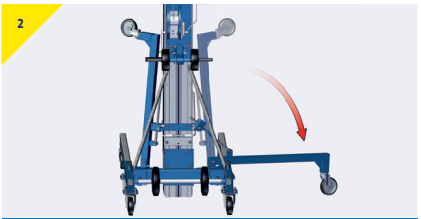
Lowering the Stabilisers

1



› Hold the stabiliser leg and press locking tabs to release the leg.

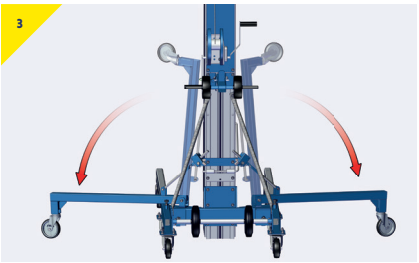
2



Do not allow the stabiliser leg to fall to the ground as this may result in injury or damage

› Keep pressing the locking tabs and lower the stabiliser leg until the castor touches the floor.

3



› Repeat the previous steps for the other stabiliser leg.

*RML60 and RML75 only

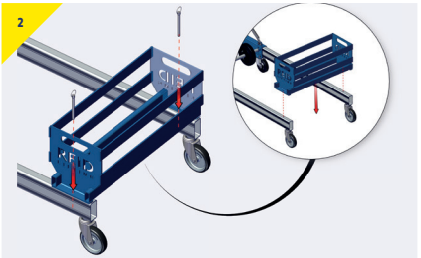
Assembly Instructions | Counterbalance

Counterbalance Basket

1

› Ensure the outriggers are secured in the correct counterbalance position with the stabiliser legs (if present) in the down position.

2



› Fit the counterbalance basket to the outriggers and secure with supplied pins.

3

WARNING: Failure to load the basket correctly could result in failure, causing serious injury and/or damage

› Fill the basket with the recommended counterbalance weight of 200kg

4

› The Material Lift is ready to be used in the Counterbalance configuration. Proceed to carry out the Unloaded function test.

The **Counterbalance** configuration is now set up and complete, go to page 30 to begin the Unloaded function test.

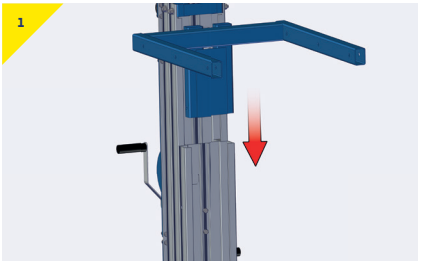
Assembly Instructions | Accessories

It is the responsibility of the operator to follow this section in it's entirety, failure to do so could result in serious malfunction or failure of the machine.

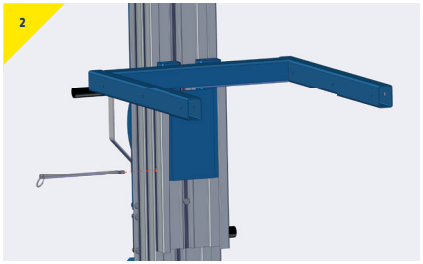
Warning: Using the system for anything other than lifting material is unsafe.

Appropriate PPE should be worn:
› Gloves › Protective Footwear › Hard Hat

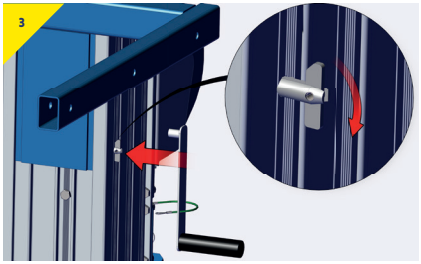
Forks Inverted*



› Insert the forks into the carriage from above.



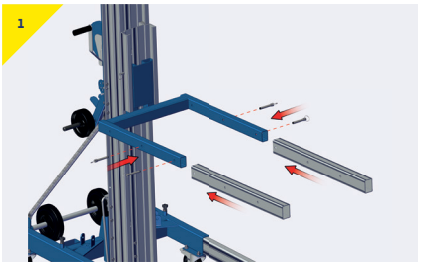
› Insert the retention pin to secure.



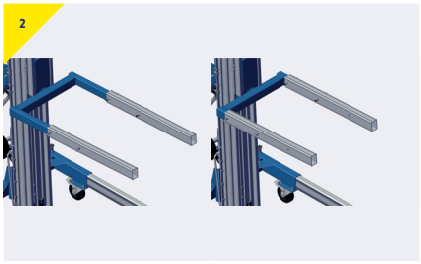
› Rotate the pin retention mechanism to a vertical position to prevent accidental pin removal.

* When using the forks in the inverted position particular attention should be paid to securing the load as at the top of the mast extension the load will have no additional support from the mast or the heel of the forks.

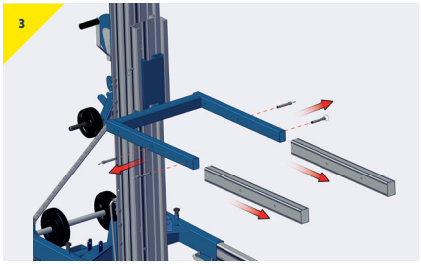
Fork Extensions



› Slide the extensions onto the forks and secure with the pins provided.

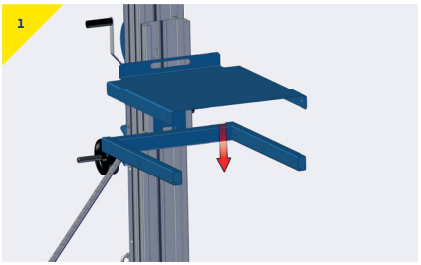


› The extensions can be positioned either in position 1 or 2 as shown.

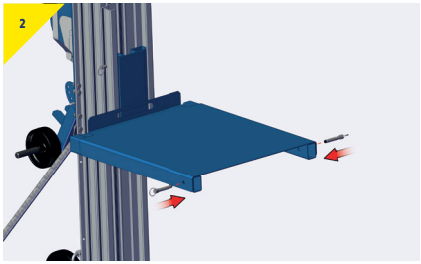


› To remove, take out the pins and slide the extensions off the forks.

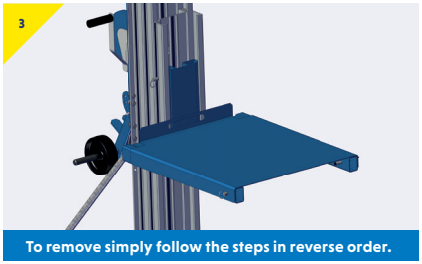
Load Platform*



› Place the load platform onto the forks.



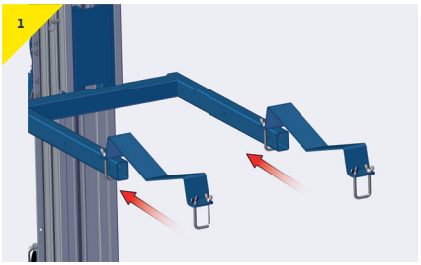
› Secure using the pins provided.



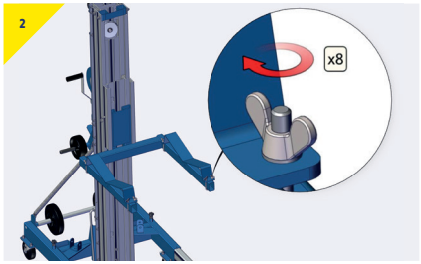
To remove simply follow the steps in reverse order.

› The load platform is ready to use.

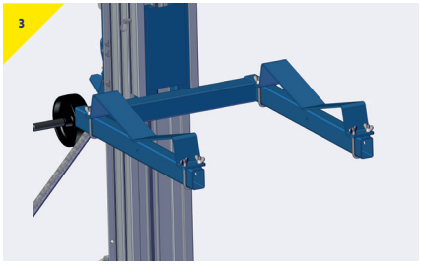
Pipe Cradle*



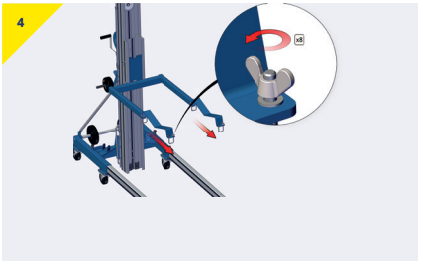
› Slide each pipe cradle bracket over the forks.



› Tighten each wingnut to secure in position.



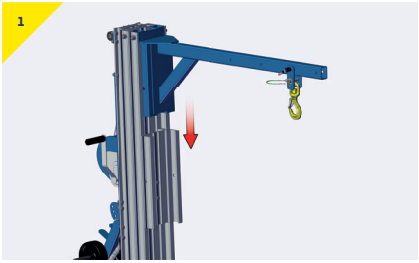
› The pipe cradle is ready to use.



› To remove, loosen all wingnuts and slide the brackets off the forks.

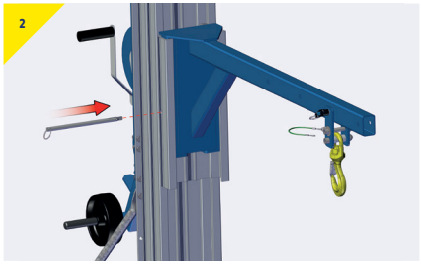
Boom Arm

1



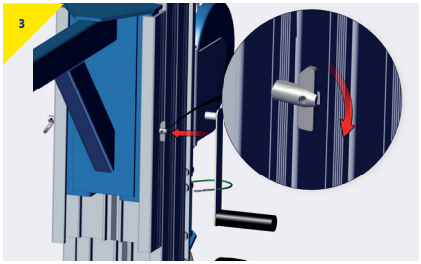
› Raise the carriage to an ergonomic position and slide the boom arm into the carriage from the top.

2



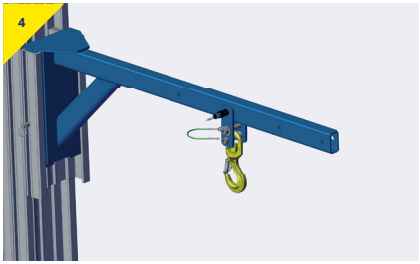
› Insert the retention pin to secure.

3



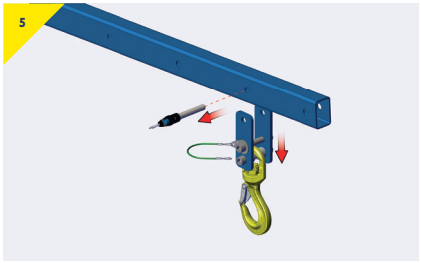
› Rotate the pin retention mechanism to a vertical position and push the pin out to lock the forks in position.

4



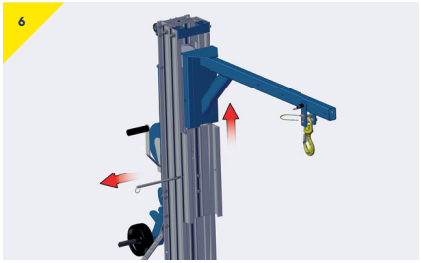
› Secure the hook if necessary using the pin provided and the boom arm is ready to use.

5



› To remove the arm, start by removing the pin to release the hook.

6



› Remove the retention pin and slide the boom arm from the carriage.

Function Test

It is the responsibility of the operator to follow this section in it's entirety, failure to do so could result in serious malfunction or failure of the machine.

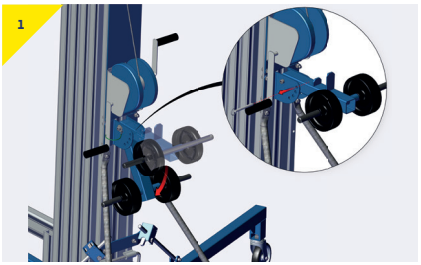
Warning: Using the system for anything other than lifting material is unsafe.

Appropriate PPE should be worn:

› Gloves › Protective Footwear › Hard Hat

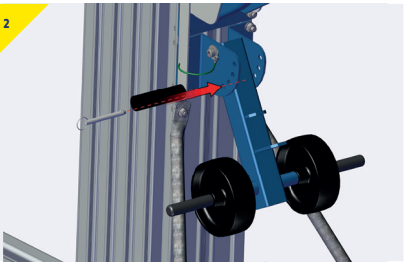
Unloaded Function Test

1



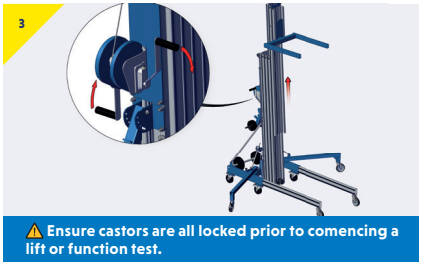
› Ensure the loading wheels are fully lowered - remove the pin and lower the wheel position.

2



› Once lowered, reinsert the pin to secure in position.

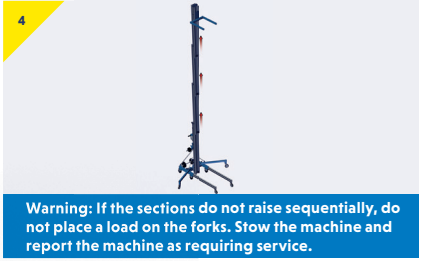
3



⚠ Ensure castors are all locked prior to comencing a lift or function test.

› Operate the dual-handle winch clockwise (forwards) to begin raising the unloaded carriage.

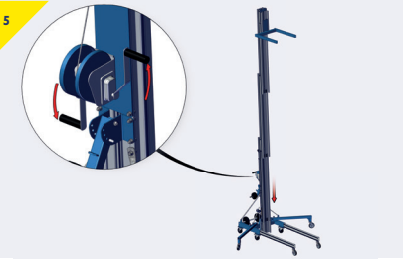
4



Warning: If the sections do not raise sequentially, do not place a load on the forks. Stow the machine and report the machine as requiring service.

› Continue to operate the winch until all mast sections have reached their maximum height of lift. Each mast section should reach it's highest point before the next begins to rise - check for any operational inconsistencies or damages.

5



› Once at the highest point, operate the winch in the reverse direction to lower the mast sections until the carriage returns to the lowest point, ensure all sections lower sequentially.

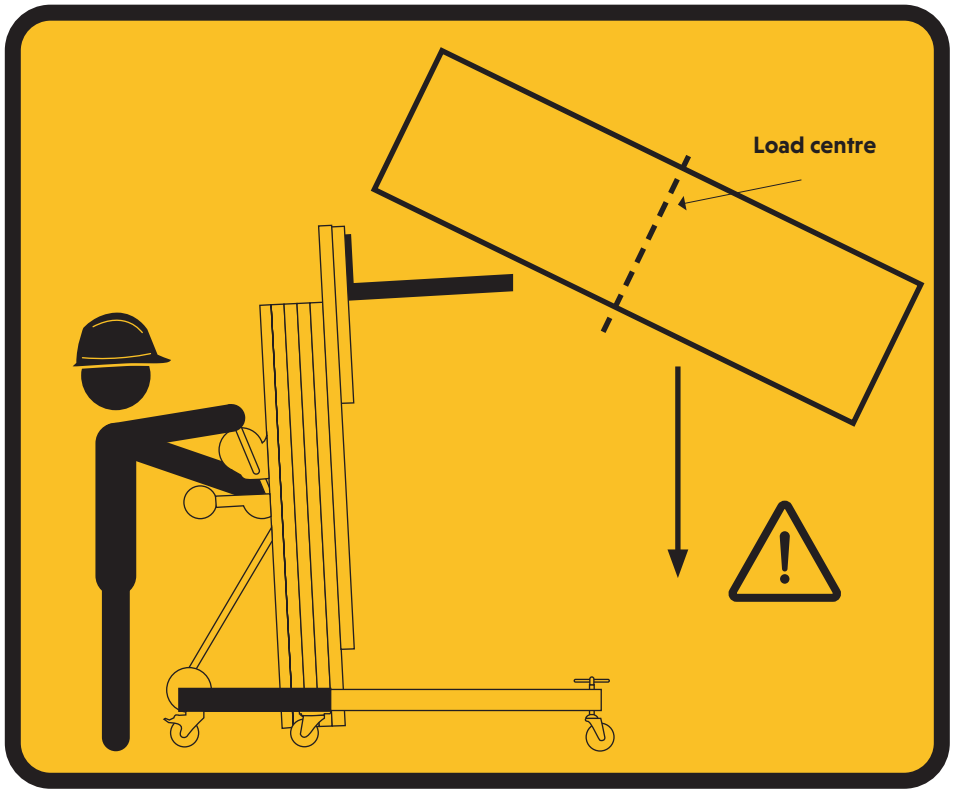
6

› The function test is complete and the unit is ready to be used.

Load Capacity and Positioning

WARNING

Failure to follow the position steps and load chart limitations where it refers to centre of gravity can cause catastrophic failure of the system or dangerous crushing hazards which could result in highly expensive damages, serious injuries or even death.



Load Capacity and Positioning

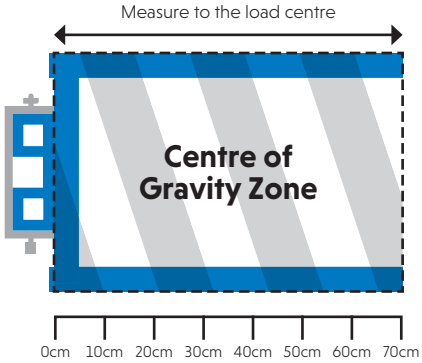
MATERIALLIFT

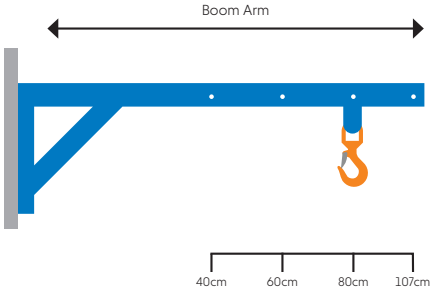
Before beginning any lift, the following points must be considered with regards to load capacity and balance:

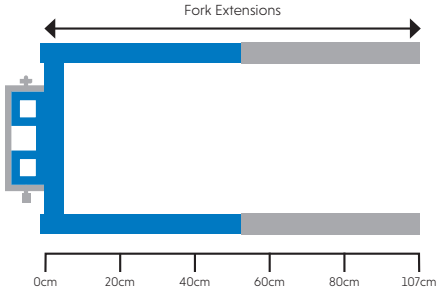
- Failure to position the load in a safe orientation and position may result in death or serious injury
- Raising a load which does not comply with the 'Center of Gravity Zone' parameters or exceeds the maximum capacity for the unit and its configuration, could result in the unit becoming unstable, potentially leading to injury or death.
- The centre of gravity is defined as the balancing point of a load and must be positioned within the appropriate zone
- It is the responsibility of the operator to ensure all correct operation, safety hazards, inspections and tests are complete prior to beginning the lift.

Positioning the load on the Forks

1. Calculate the total weight of the load and establish the centre of gravity
2. Measure the distance to the centre of gravity from the edge of the load which will be closest to the carriage
3. Refer to the relevant load centre table on page 34
4. Place the load onto the forks so that it rests comfortably within the centre of gravity zone, as close to the carriage as possible
5. Ensure the load is balanced and stable
6. Secure the load and begin the lift







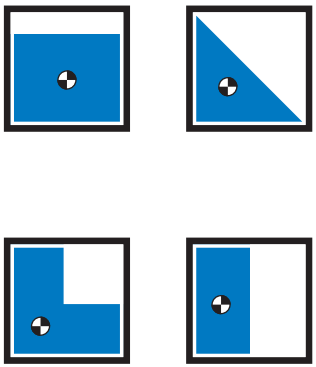
Load Capacity and Positioning

	Forward Facing Load centre [cm]							
	0 - 40	50	60	70	80*	90*	100*	107*
Model	Max [kg]							
RML30	450	450	450	370	295	265	240	225
RML45	360	360	360	325	295	265	240	225
RML60	360	330	270	235	200	185	165	155
RML75	300	260	200	180	155	140	120	110

	Counterbalance Load centre [cm]							
	0 - 40	50	60	70	80*	90*	100*	107*
Model	Max [kg]							
RML30	450	370	300	250	200	165	135	120
RML45	360	295	240	200	165	130	105	100
RML60	360	295	240	200	165	130	105	100
RML75	300	245	200	165	135	110	90	80

*Using fork extensions or boom arm only

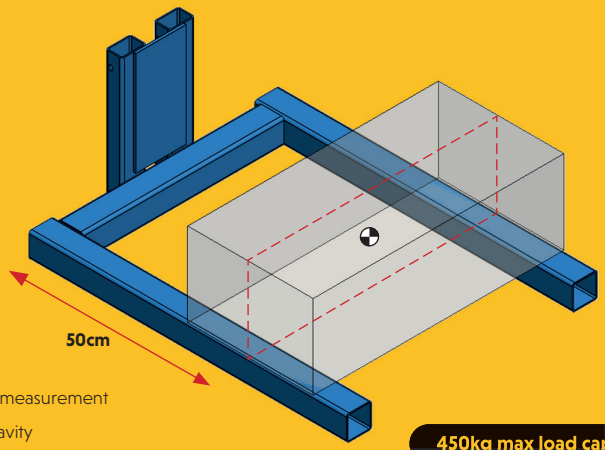
The Centre of gravity is not always the centre of the load. Sometimes loads are unbalanced, and should be measured accordingly as per the example diagram below.



Centre of Gravity
Load distribution
Load size

Example Load

1. A 250kg load needs to be lifted to a height of 3 metres using and RML30
2. The load needs to be positioned 50cm from the back of the forks to allow the load to be installed when raised
3. Measuring from the back of the forks to the centre of gravity, we determine the load centre will be 50cm
4. In this instance, the RML30's capacity at the 50cm load centre is 450kg when used in the forward facing configuration, we can proceed with the lift.



Load centre
Load centre measurement
Centre of gravity

450kg max load capacity

Stowage and Transportation

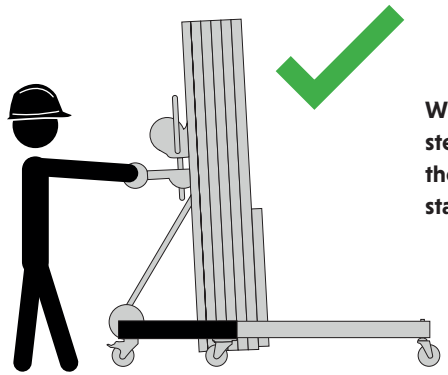
It is the responsibility of the operator to follow this section in it's entirety, failure to do so could result in serious malfunction or failure of the machine.

Warning: Using the system for anything other than lifting material is unsafe.

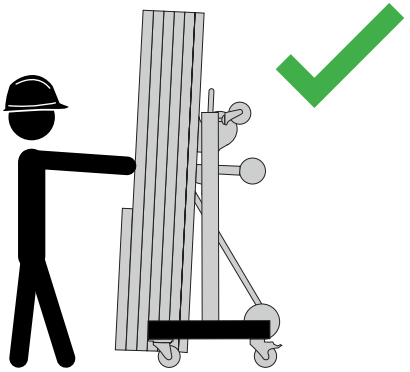
Appropriate PPE should be worn:
› Gloves › Protective Footwear › Hard Hat

WARNING

Take care when moving any RML in the stowage position. Uncontrolled movements and debris put the machine at risk of toppling.



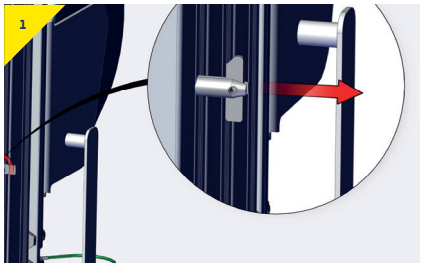
When using the loading/ steering wheel ensure that the outriggers are inserted for stability over uneven surfaces.



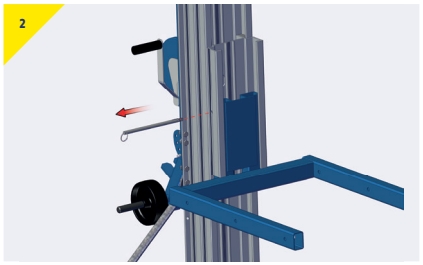
When in the fully stowed configuration push the RML from the column-side as this ensures maximum stability.

Stowage and Transportation

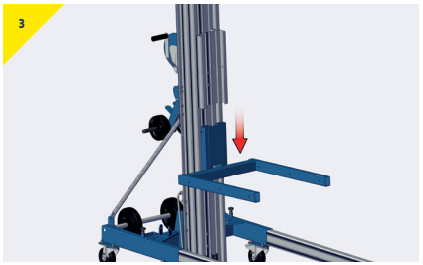
Removing the forks



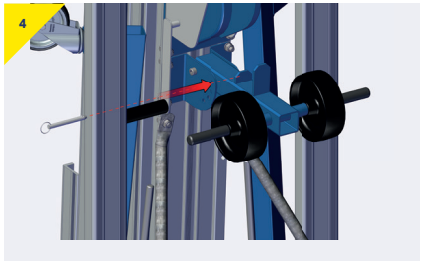
› Rotate retention mechanism to a horizontal position.



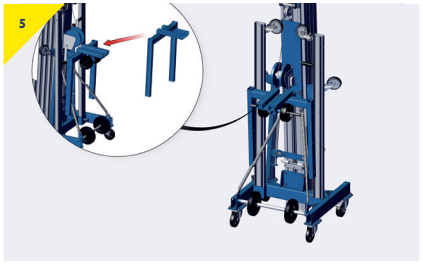
› Support the forks and remove the retention pin.



› Remove the forks from the carriage.



› Place the loading wheels in the upright position and secure using the retention pin.



› Place forks in stowage area.

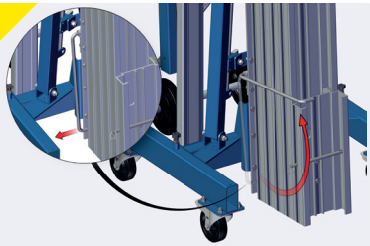
› The forks are now correctly stored.

Applying the Mast Brake

1

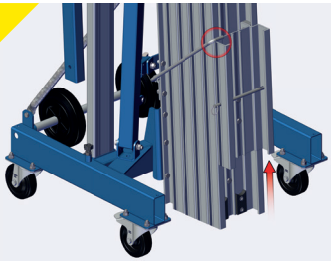
› Ensure all sections and carriage are in the lowest, stowed position.

2



› Rotate and push mast brake ensuring it engages above the carriage

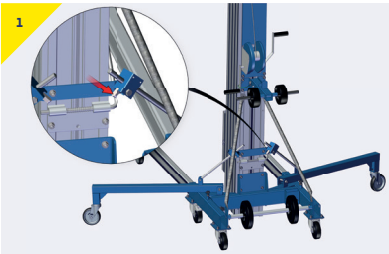
3



› Raise the carriage carefully to ensure the brake is firmly engaged. Mast brake is now engaged and sections will not move.

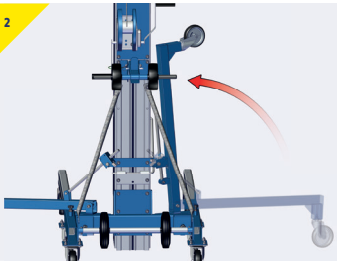
Raising the Stabiliser Legs

1



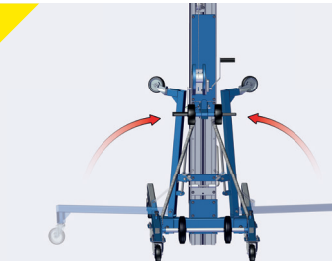
› Press locking tabs to unlock the stabiliser leg brake system

2



› Keep pressing the locking tabs and raise the stabiliser leg up to storage position.

3

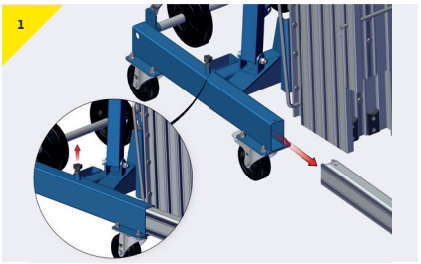


› Repeat the previous steps for the other stabiliser leg.

Stowage and Transportation

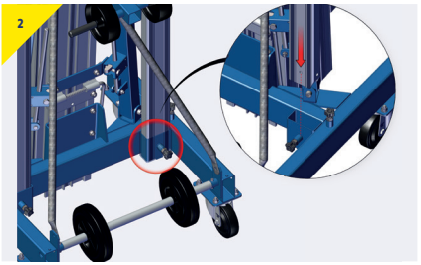
Removing the Outriggers

1



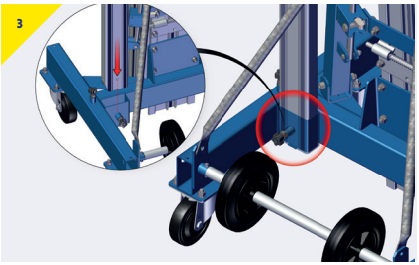
› Disengage the retention pins and remove each outrigger one at a time.

2



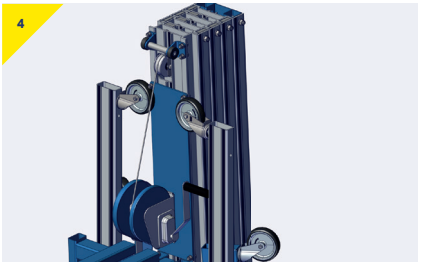
› Disengage retention pin and insert outriggers.

3



› Repeat previous step for the second outrigger.

4



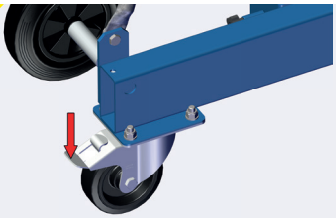
› Ensure outriggers are stored with the wheels face towards each other to ensure stability of the machine.

The following points must be considered before attempting to store or transport the system.

- The transport vehicle must be parked on an even, level surface clear of debris or hazardous terrain
- The transport vehicle must be secured to prevent rolling while the system is being loaded
- Ensure that the system weight (see weight label decals on system) is not too great for the transport vehicle capacity, loading surfaces or load securing assembly such as straps or chains
- Sufficient straps or chains must be used to secure the system to the vehicle base to ensure no damages or breakages happen while in transit
- Follow manual handling guidelines when loading/unloading RMLs into vehicles
- Ensure the castors are facing inwards to prevent damage
- Ensure carriage brake is in place

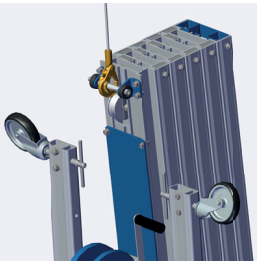
Loading RML | With Crane Assistance

1



- Ensure all castors on the machine are locked.

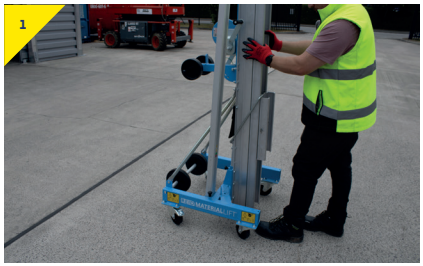
2



- Secure the crane to the lifting bar at the rear of the mast and raise the RML into the transportation vehicle, securing when in position using straps or similar.

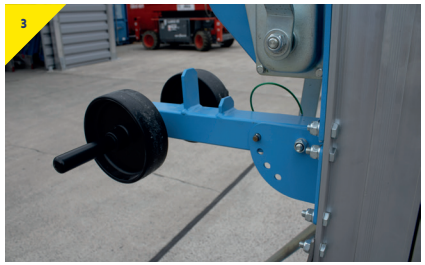
Stowage and Transportation

Correct Handling | Laying the RML into Horizontal Position



Ensure the unit is positioned on flat level ground with no immediate obstruction around the unit

Lock both rear castors with the brake facing inward and parrel to the chassis



Ensure the transport handle is in its top position and is locked in place with the pin

Check that the mast brake is in place and secured

Remove the outriggers from the stored position and install into the unit in the forward-facing position

One person should guide the unit from the rear of the unit using the top of the mast to steady the unit's backwards movement

7

› The other person should lift the outriggers to lever the unit backwards being careful to control the movement

8

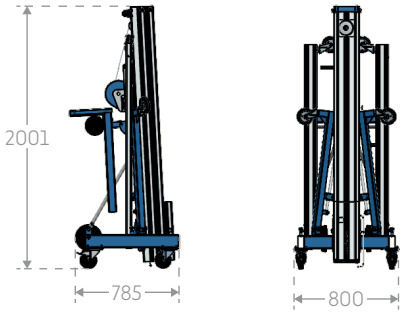
› As the unit reaches the 45° balance point the unit's movement should be controlled downwards and the hand position switches from and under grip to an overgrip

9

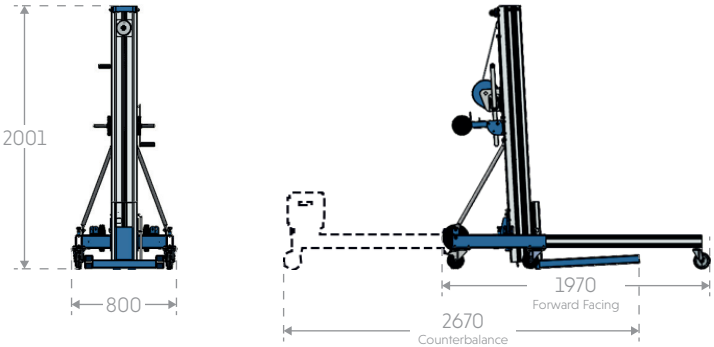
› Gradually lower the RML to its horizonal position.

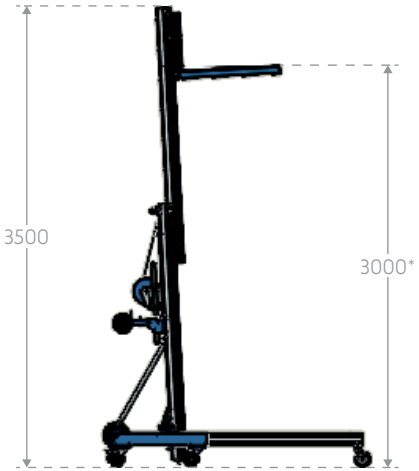
Dimensions | RML30

RML30 Stowed



RML30 In Use

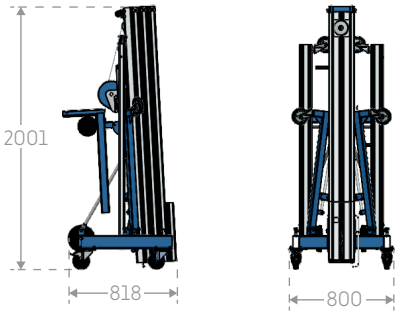




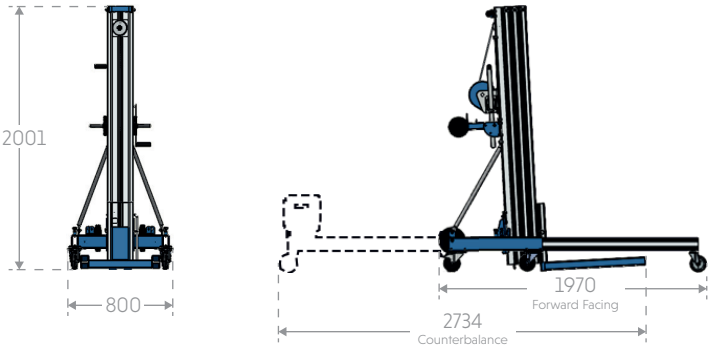
All dimensions in mm.
*Increase height of lift by 550mm by inverting the forks.

Dimensions | RML45

RML45 Stowed



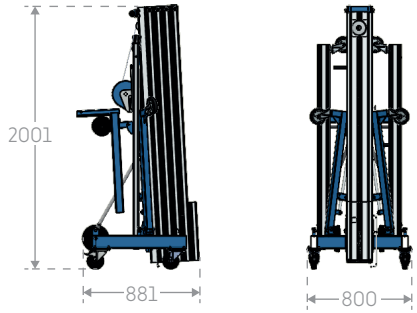
RML45 In Use



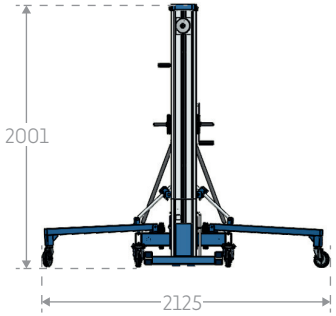
All dimensions in mm.
*Increase height of lift by 550mm by inverting the forks.

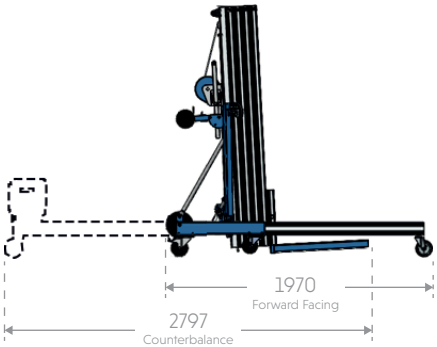
Dimensions | RML60

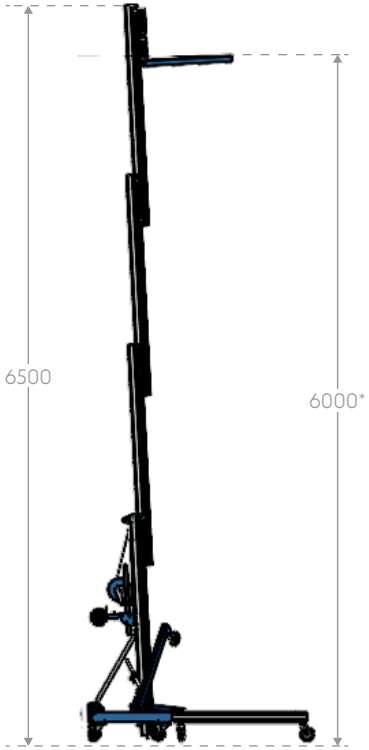
RML60 Stowed



RML60 In Use



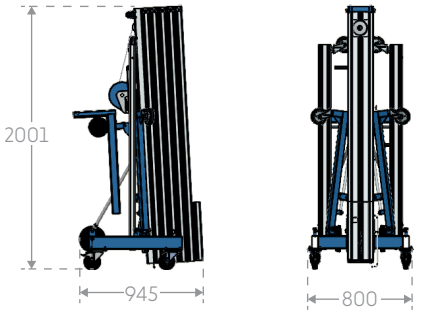




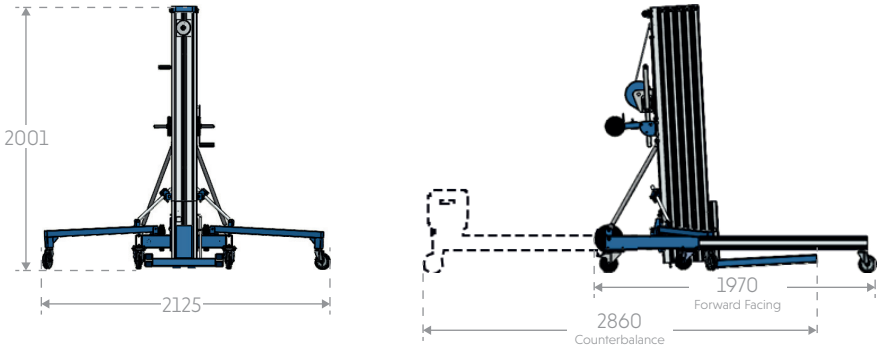
All dimensions in mm.
*Increase height of lift by 550mm by inverting the forks.

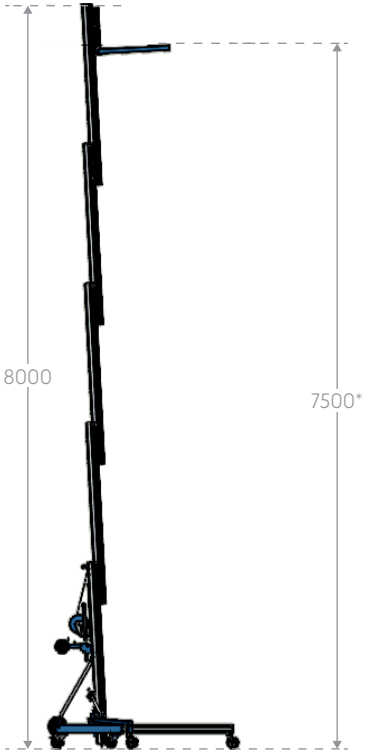
Dimensions | RML75

RML75 Stowed



RML75 In Use





All dimensions in mm.
*Increase height of lift by 550mm by inverting the forks.

Quality & Safety

Regulations, Standards & Directives

This product complies with the following:

- Machinery Directive 2006/42/EC
- The Provision and Use of Work Equipment Regulations 1998 (S.I. 1998 No. 2306)
- The Lifting Operations and Lifting Equipment Regulations 1998 (S.I. 1998 No. 2307)

It is essential to adhere to the safety regulations of the respective country for using manual lifting equipment.

Accreditations

Quality and safety are key themes throughout this document and the REID Lifting ethos. It is with this in mind that we have undertaken external accreditations to ensure we stay focused on what is important to our clients and users, and ahead of market trends and developments.

REID Lifting is continuously audited by Lloyds Register Quality Assurance (LRQA) for approval of its Integrated Management System combining quality systems management, environmental issues and the health and safety practices within the company.

- ISO 9001:2015 - Specifies requirements for a quality management system for any organization that needs to demonstrate its ability to consistently provide products that meet customer and applicable regulatory requirements and aims to enhance customer satisfaction
- ISO 14001:2015 - Specifies the requirements for implementing environmental management systems throughout all areas of the company
- ISO 45001 – Health & Safety Management System
- LEEA Membership - REID Lifting is a full member of the Lifting Equipment Engineers Association (LEEA membership 000897). REID Lifting conforms to the main aims of the association which is to achieve the highest standards of quality and integrity in the operations of members. Entry qualifications are demanding and strictly enforced through technical audits based on the Technical Requirements for Members

Conformité Européenne [CE] & UK Conformity Assessed [UKCA]

REID Lifting's products have been designed, tested to meet the demands of the European and UK Directives and Regulations regarding Health and Safety requirements.

Testing

Testing and technical file review are integral parts of our design and manufacturing process. External verification of products is undertaken where appropriate, using government approved Notified Bodies.

All products have been thoroughly tested. Each product is supplied with a certificate of conformance and individual record of thorough examination or test.

Language

It is essential for the safety of the user that if this product is re-sold outside of the original country of destination, the reseller shall provide instructions for use, maintenance, inspection and repair in the language of the country where it will be used.

Product IPR

Intellectual property rights apply to all REID Lifting Ltd products. There are patents in place, or pending, for:

PORTAGANTRY® | **PORTA**GANTRY RAPIDE™ | **PORTA**DAVIT QUANTUM™ | **T**DAVIT™

All product names are trademarks of REID Lifting Ltd:

PORTAGANTRY® | **PORTA**GANTRY RAPIDE™ | **PORTA**DAVIT™ | **PORTA**BASE™ | **T**DAVIT® | **PORTA**QUAD® | **PORTX**™

Product Labelling Key

Safety Labels


Insert and secure the bolt before loading the system.


Insert the detent pin and fully engage before loading the system.


Insert the clevis pin and secure with the clip before loading the system.


Restraint point only.


Read the operational manuals before using the system.


Ensure the pin is fully engaged.


Insert the clevis pin and secure.


Lifting point only.

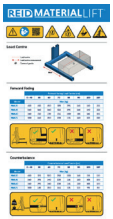
Serial Labels

1. Product Number
2. Serial Number
3. WLL
4. Year of Manufacture
5. Standards
6. ATEX
7. Max Moment


The system is not suitable for fall arrest applications.

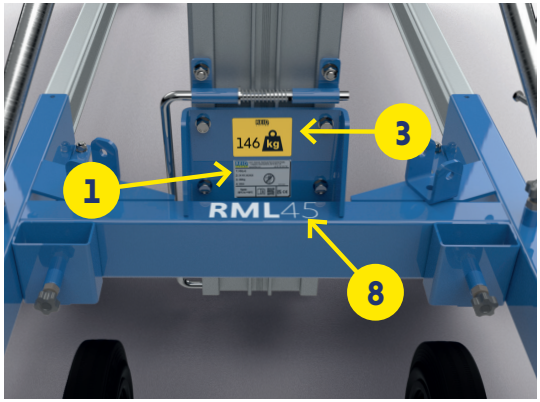
Product Labelling

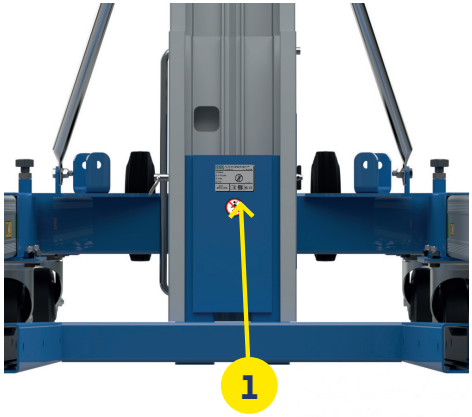
MATERIALLIFT

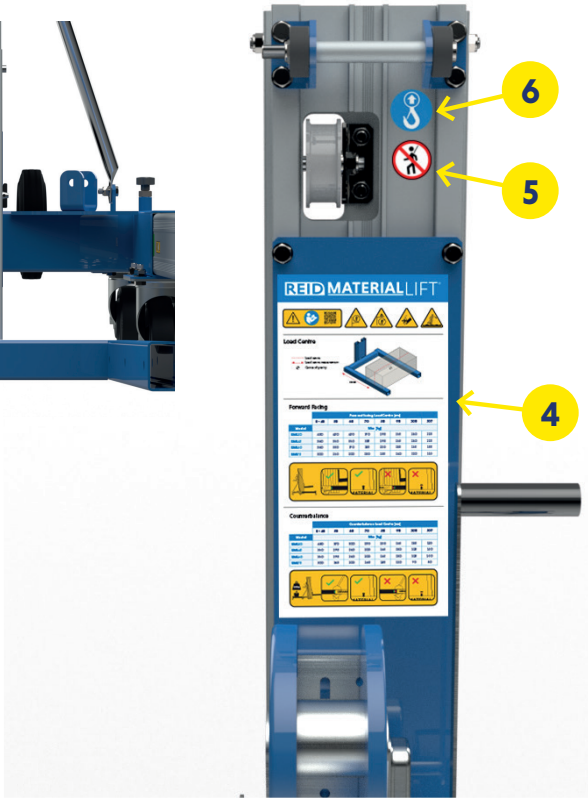
Number	Item (Not to scale)	Quantity Per Product
1		2
2		2
3		1
4		1
5		1

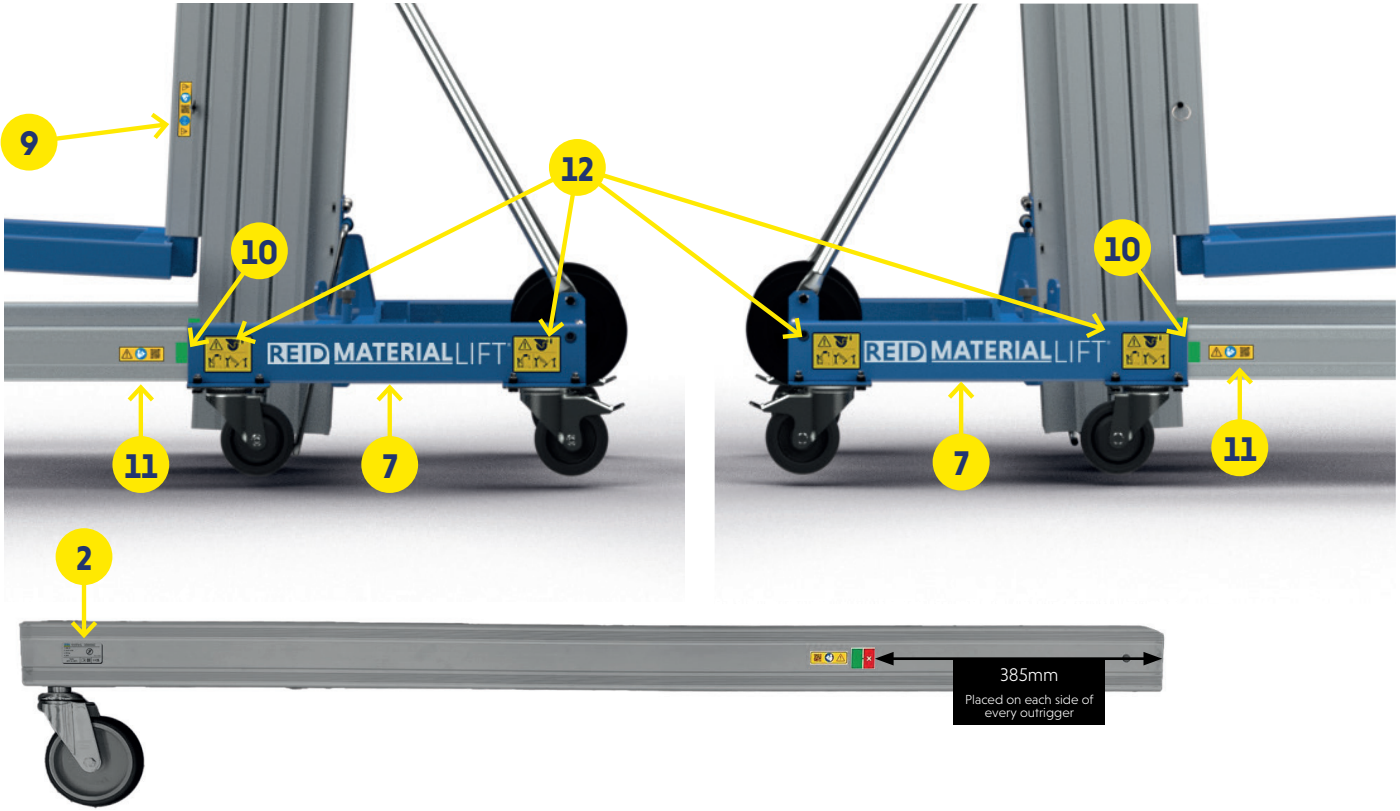
Number	Item (Not to scale)	Quantity Per Product
6		1
7	REID MATERIALLIFT®	2
8	**RML60** (Variable sizing)	1
9		1
10		4
11		4
12		4

Product Labelling









Product Labelling

Safety labels

Read the Assembly & Operations guide before use

Do not attempt to lift a person using the RML

Do not stand directly under a live load

Beware the pinch points on the RML

Traversal over rough terrain could cause the RML to topple

Follow correct set up proceedures:

Ensure only the green indicator is showing on the outrigger with the retention pin fully engaged.

If you can see the red indicator (or no indicator) or if the pin is not fully engaged the outrigger is not inserted and secured correctly.

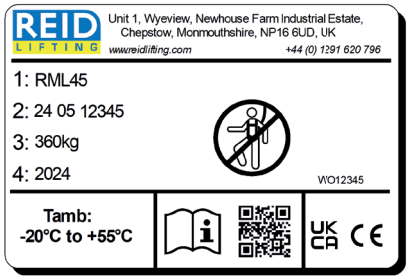
Ensure the forks pin is fully and correctly inserted, see more details in the O&M.

The RML is not suitable for anykind of personnel lifting.

Lifting point for crane-assisted loading

Lock the castors during operation and while handling the RML.

Product Identification & Inspection Record



Marking

The serial labels indicate:

- The product identification number
- The product's unique serial number
- The materials' capacity (WLL) of the device
- The year of manufacture
- CE Marking

Insert data from serial numbers found on product into table here:

Periodic Examination & Repair History

Date	Inspected by	Pass/Fail	Corrective Action	Comments

Notes

Notes

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RML/O&M/UK/V4/08/2025