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Transport Guide

HSEOGL022

Introduction

Adaptalift recognises the serious risks associated with the loading, unloading, and transportation of mobile plant, equipment, and parts, and aims to eliminate or reduce these risks as far as is practicable.

The purpose of this guide is to provide all transport operators and drivers an understanding of what to expect when attending an Adaptalift facility for any transport related activity.

Pre-Arrival

- Prior to attending site, transport operators must confirm the mass and dimension of the mobile plant, equipment, or parts to ensure an appropriate transport vehicle and load restraints are allocated.
- Transport operators must refer **Section 3 Transport Suitability Chart** to ensure our facility can receive the intended transport vehicle.
- Transport operators should provide drivers a copy of the applicable Traffic Management Plan (TMP) prior to arrival. **Refer Section 7 Traffic Management Plans.**
- Mandatory Personal Protective Equipment (PPE) policies are in place. **Drivers must wear required PPE to access operational areas.**

General Site Safety Rules

General site safety rules apply in all Adaptalift facilities.

Transport operators must ensure all drivers are made aware of the following rules.

Site Speed Limit is 10 Kpm.

Mobile Phones must not be used in operational areas unless standing stationary in a safe zone.

3m separation distance between plant & pedestrians must be maintained at all times.

Operators must sound horn at blind corners and doorways.

Operators must look out for pedestrians and fully stop plant or vehicle before allowing pedestrian to approach.

Pedestrians must use designated walkways where available.

On Arrival

On arrival at an Adaptalift facility, drivers will be required to sign-in via Adaptalift's Site Access System and complete a short site-specific induction. Drivers must await instruction from an Adaptalift representative before proceeding to a loading zone or commencing any un/loading.

Loading & Unloading – Mobile Plant

It is Adaptalift's policy that all mobile plant must be winched on/off and/or driven on/off except for mobile plant with built-in fork tine channels i.e., scissor lifts or mobile plant listed in **Section 5 Certified Lifting Plans** NOTE: If a Certified Lifting Plan is used for loading, confirmation of the unload process at the destination must be confirmed prior to loading.

Winches MUST be engaged for the un/loading of all equipment on Tilt Tray Vehicles.

Masts must be fully retracted prior to loading or transportation.

EWP Turntable Locks (where fitted) must be engaged during transport.

Where cross-docking is utilised for the transfer of plant from one trailer to another, additional controls are required as outlined in **Section 4 Cross-Docking**

Adaptalift understand there will be some exceptions to these rules and will require agreement between Adaptalift and the transport operator on the type of transport vehicle, and loading method to be used, prior to finalising consignment.

Refer **Section 2 – General Safety Requirements** for further details.

Load Restraint

All mobile plant, equipment and parts must be restrained in accordance with the NTC Load Restraint Guide 2018.

Adaptalift have partnered with Engistics to develop a certified Load Restraint Guide for our most transported mobile plant. This guide should be used to develop appropriate load restraint methods for each transport activity. Refer **Section 6 Load Restraint Guide.**

NOTE:

- Chains must be used for restraint of all plant >3,000kgs.
- Automotive Wheel Lashing Methods are prohibited.
- Eye Tow Hooks &/or similar hooks must not be used for load restraint.

Further Information

For further information on Adaptalift's transport processes, contact the Transport Manager:
m: 0477 607 752
e: transport@adaptalift.com.au
Alternatively, phone: 132 254

Licensing & Training

All transport drivers MUST hold the applicable **High Risk Work Licence** or competency (Yellow Card / Gold Card) for the mobile plant they intend to load or unload.

While many states do not require Transport Operators to hold a High-risk Work Licence to (un)load plant requiring a High-risk Work Licence to operate, Victorian WHS Regulation 130, specifically mandates this requirement.

Adaptalift support Victoria's position and believe high-risk work licensing provides greater level of competency to operators and improves the overall safety of (un)loading activities.

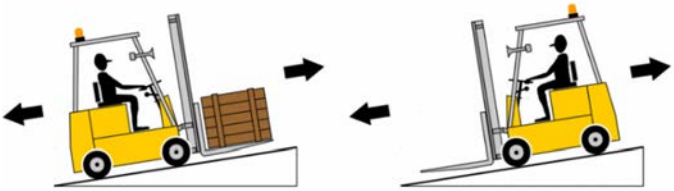
Furthermore, Adaptalift require applicable competency training for mobile plant that does not require a High-risk work licence such as Scissor Lifts, Elevated Work Platforms <11m, and telehandlers <3T.

Drive On & Off - Trailer Ramps

When driving up or down a trailer ramp, the operator should:

- check the trailer can carry the combined weight of the load(s); and
- ensure all pedestrians remain out of the **5 metre** exclusion zone when lowering or raising ramps; and
- check the ramps are wide enough and maintained in a safe condition (Note: a minimum of 75% of the tire width must always maintain contact with the ramp). Full trailer width ramps are the preferred option; and
- check the brakes on the trailer being unloaded are set and where applicable, the wheels chocked; and
- If driving on / off with a loaded forklift, place the load on the uphill side when travelling up or down a ramp; and
- when travelling up or down a ramp without a load, make sure the forks are on the downhill side e.g., **reverse up and drive down.**; and
- Ensure the mast is tilted back enough so the load being carried does not slide or roll off and, in the process, possibly overturn the industrial lift truck.

Raised edges or buffers should be fitted on loading docks and ramps where there is a risk a wheel may be driven over an edge.



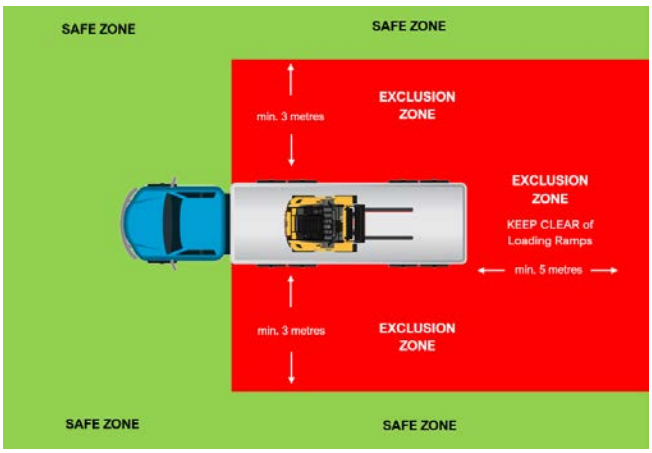
- WHEN LOADED, ALWAYS DRIVE UP DOWN SLOPES WITH FORKS POINTING TOWARDS THE HIGHEST PART OF THE SLOPE.

- WHEN UNLOADED, ALWAYS DRIVE UP OR DOWN SLOPES WITH FORKS POINTING TOWARDS THE LOWEST PART OF THE SLOPE.

Exclusion Zones

Where practical, physical barriers should be used to establish and maintain exclusions zones for all (un)loading of plant, but as a minimum, all persons, including spotters, must remain outside of exclusion zones as per below image during the (un)loading of any plant.

Spotters must utilise the green safe zones to provide direction to operators.



It is essential that a minimum of **3 metres** distance between pedestrians and operating mobile plant is always maintained (excluding the operator of pedestrian operated plant).

Where any person must approach Mobile Plant in operation, they shall signal to the operator to stop and wait until the Mobile Plant has come to a complete stop before approaching.

Where any Mobile Plant operator sees a person approaching, they shall make all necessary steps to ensure the Workplace Mobile Plant has safely come to a complete stop, gears placed in neutral and parking brake applied, prior to the person encroaching on the 3 metre separation distance.

Road Registered – Trade Plates

If mobile plant is to be driven on a public road for the purposes of (un)loading, the mobile plant must either be road registered with Registration Plate displayed or have a Trade Plate displayed.

Under no circumstances, shall unregistered mobile plant be driven on public roads.

NOTE: Laden forklifts must not be driven on public roads.

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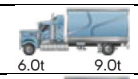
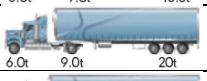
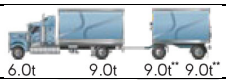
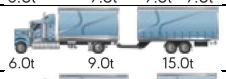
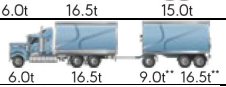
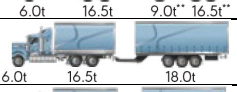
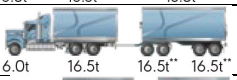
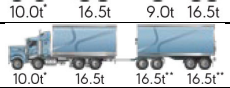
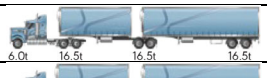
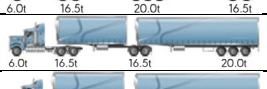
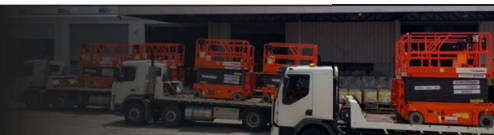
Section 3 - Transport Suitability Chart

			Acacia Ridge	Wetherill Park	Port Kembla	Truganina	Springvale	Spreyton	Dry Creek	Welshpool
COMMON RIGID TRUCKS - GENERAL ACCESS										
	2 Axle Rigid Truck	≤ 12.5 m	☑	☑	☑	☑	☑	☑	☑	☑
	3 Axle Rigid Truck	≤ 12.5 m	☑	☑	☑	☑	☑	☑	☑	☑
	4 Axle Rigid Truck	≤ 12.5 m	☑	☑	☑	☑	☑	☑	☑	☑
	4 Axle Twinsteer Rigid Truck	≤ 12.5 m	☑	☑	☑	☑	☑	☑	☑	☑
	5 Axle Twinsteer Rigid Truck	≤ 12.5 m	☑	☑	☑	☑	☑	☑	☑	☑
COMMON SEMITRAILER COMBINATIONS - GENERAL ACCESS										
	3 Axle Semitrailer	≤ 19 m	☑	☐	☑	☑	☑	☑	☑	☑
	4 Axle Semitrailer	≤ 19 m	☑	☐	☑	☑	☐	☑	☑	☑
	5 Axle Semitrailer	≤ 19 m	☑	☐	☑	☑	☐	☑	☑	☑
	6 Axle Semitrailer	≤ 19 m	☑	☐	☑	☑	☐	☑	☑	☑
COMMON RIGID TRUCK AND TRAILER COMBINATIONS										
	2 Axle Truck and 2 Axle Dog Trailer	≤ 19 m	☑	☐	☑	☑	☐	☐	☑	☑
	2 Axle Truck and 2 Axle Pig Trailer	≤ 19 m	☑	☐	☑	☑	☐	☐	☑	☑
	3 Axle Truck and 2 Axle Dog Trailer	≤ 19 m	☑	☐	☑	☑	☐	☐	☑	☑
	3 Axle Truck and 2 Axle Pig Trailer	≤ 19 m	☑	☐	☑	☑	☐	☐	☑	☑
	3 Axle Truck and 3 Axle Dog Trailer	≤ 19 m	☑	☐	☑	☑	☐	☐	☑	☑
	3 Axle Truck and 3 Axle Pig Trailer	≤ 19 m	☑	☐	☑	☑	☐	☐	☐	☑
	3 Axle Truck and 4 Axle Dog Trailer	≤ 19 m	☑	☐	☑	☑	☐	☐	☐	☑
	4 Axle Truck and 3 Axle Dog Trailer	≤ 19 m	☑	☐	☑	☑	☐	☐	☐	☑
	4 Axle Truck and 4 Axle Dog Trailer	≤ 19 m	☑	☐	☑	☑	☐	☐	☐	☑
COMMON B-DOUBLE COMBINATIONS - CLASS 2 **NOTE: Adaptalift cannot facilitate any B-Double Combinations at any of our facilities.**										
	7 Axle B-double	≤ 19.0 m	☐	☐	☐	☐	☐	☐	☐	☐
	8 Axle B-double	≤ 26.0 m	☐	☐	☐	☐	☐	☐	☐	☐
	8 Axle B-double	≤ 26.0 m	☐	☐	☐	☐	☐	☐	☐	☐
	9 Axle B-double	≤ 26.0 m	☐	☐	☐	☐	☐	☐	☐	☐



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Section 4 – Cross Docking (Loading)

Introduction

Adaptalift recognises that in some instances, loading from one transport trailer to another, or cross docking, may be required to enable un/loading of interstate transport. In these instances, the below criteria must be adhered to.

Suitability for Cross Docking

In the unlikely event of a roll-over during cross docking, it is essential that operators are prevented from being ejected from the plant, therefore, not all mobile plant is suitable for cross docking.

Where plant does not have suitable operator restraints installed, alternate methods must be used for loading and unloading.

Suitability of plant must be confirmed prior to consignment of vehicles.

Public Spaces

Cross docking **MUST NOT** be conducted on any public road or in any public space. Adaptalift's preference is this activity is completed at the applicable Transport Operator's Depot, utilising commercially designed load ramps.

Cross Docking at Adaptalift

If cross docking occurs on an Adaptalift site, the process shall:

- Be completed by the Transport Operator(s) who:
  - Hold applicable high-risk work licence or plant competency; and
  - Have an appropriate risk assessment for the task i.e., Job Safety Analysis (JSA) or Safe Work Method Statement (SWMS) or equivalent; and
  - Wear a fully engaged seatbelt at all times during cross-docking; and
- Be supervised by an authorised Adaptalift Representative; and
- Be completed in an authorised un/load zone with a minimum 5 metre exclusion zone for all persons (including spotters) other than the Transport Operator completing the cross-dock; and
- Have suitable wheel chocks installed on both transport vehicles; and
- Be documented on a Transport Risk Control Record with photos of the load restraint methods used (loads only).

Loading at Adaptalift for Cross Docking Elsewhere

If loading at an Adaptalift site for cross docking at Transport Operators depot, the intended load must be within NHVR permitted mass and dimension limits and restrained in accordance with the NTC Load Restraint Guide and the Adaptalift Transport Guide.

Where NHVR limits may be exceeded, arrangements must be made for either:

- the plant to be lifted directly on to the interstate transport, by an authorised Adaptalift Representative, in accordance with Adaptalift Certified Lifting Plans; or
- the plant to be disassembled for transport.

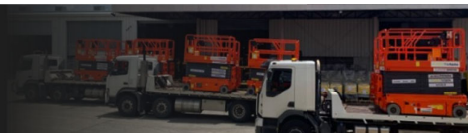
Cross docking must no occur outside of Adaptalift facilities or Transport Operator depots. Under no circumstances is cross docking permitted at any Adaptalift customer sites.

Cross Docking for Delivery to Adaptalift

Cross docking must no occur outside of Adaptalift facilities or Transport Operator depots. Under no circumstances is cross docking permitted at any Adaptalift customer sites.

If cross-docking cannot be completed at a Transport Operators depot, arrangements must be made with Adaptalift prior to dispatch to confirm the loading and unloading methods to be used. I.e.

- the plant to be lifted directly on to the transport, by an authorised Adaptalift Representative, in accordance with Adaptalift Certified Lifting Plans; or
- the plant to be lifted directly on to the transport, by an authorised Adaptalift Mobile Crane Contractor, supported by a fully licenced dogman.
- the plant to be disassembled for transport.



Section 5 – Certified Lifting Plans

This Engineered Lifting Plan Applies to:

- Electric Combilift Combi-CB Forklifts with a mass of up to 6,800kg.
- Electric Aisle Master Forklifts with a mass of up to 7,100kg.
- Electric Hyster J1.5-2.0XNT and J2.2-3.5XN Counterbalanced Lift Trucks with a mass of up to 5,400kg.
- Electric Hyster R1.4-2.0 Reach Trucks with a mass of up to 5,000kg.
- Electric Hyster P2.0UTE and P2.0U Walkie Pallet Jacks with a mass of up to 250kg.
- Electric Yale MSL15WUX Walkie Stacker with a mass of up to 1,350kg.

Key Elements

⚠ Lifting a forklift with another forklift is a high risk task and should only be performed when other methods of lifting/moving are not practicable (i.e. the forklift is disabled).

✓ The forklift used to perform the lifting task must be compliant with all Industrial Lift Truck Standards including AS2359.

✓ Forklift operators must follow the safe working procedures in place at the site in which the lifting tasks are being completed.

✓ Train forklift operators for this lifting task and evaluate for competence.

✓ Forklifts must be in good condition and up to date with scheduled maintenance and any required non-destructive testing (NDT).

✓ The forklift must be operatored in a manner which reduces the chance of load shift or instability. This means adhering to the following:

- Completing a pre-start checklist.
- Maintaining a low speed.
- Minimising acceleration and deacceleration.
- Avoiding short radius turns.

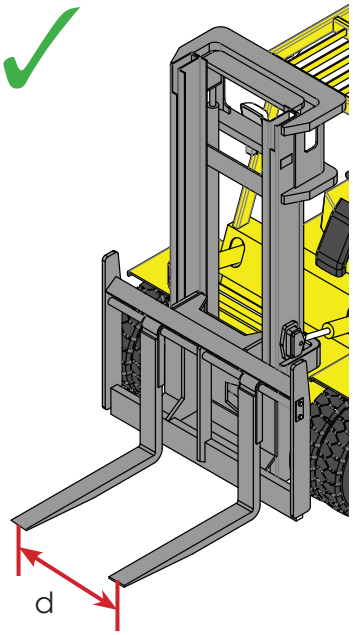
Lifting Forklift Tyne Requirements

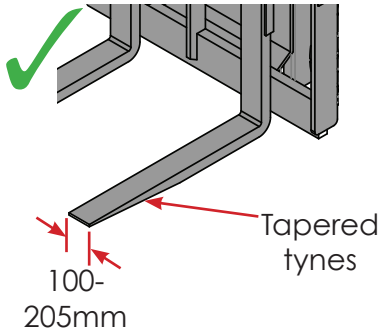
- ✓ The tynes on the forklift used to perform the lifting task must be tapered and have a lifting capacity equal to or greater than to forklift capacity.

- ✓ The forklift used to perform the lifting task must have a minimum lifting capacity as nominated below:

Plant	*Lifting Forklift Min. Capacity (kg)*
Combilift Combi-CB Forklifts up to 6,800kg	9,000
Aisle Master Forklifts up to 7,100kg	9,000
Hyster J1.5-2.0XNT Forklifts up to 5,400kg	9,000
Hyster R1.4-1.6 Reach Trucks up to 5,000kg	9,000
Hyster J1.5-2.0XNT Forklifts up to 3,300kg	5,000
Hyster R1.4-1.6 Forklifts up to 3,300kg	5,000
Hyster P2.0UTE and P2.0U Electric Pallet Jacks up to 250kg	2,000
Yale MSL15WUX Walkie Stackers up to 1,350kg	2,000

*Capacities assume a load centre of no less than 600mm and a lifting height of no less than 2,000mm.



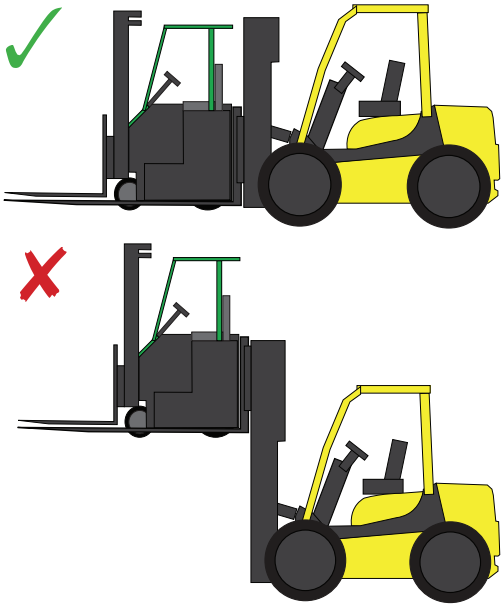


The tynes on the lifting forklift should be between 100 and 205mm in width

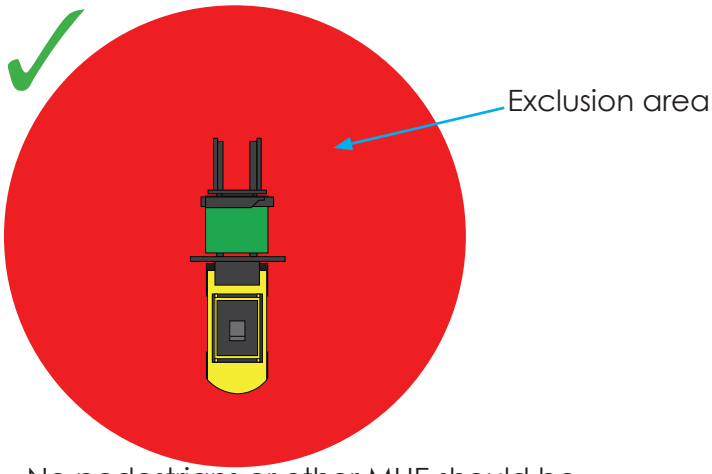
Required distance between the tynes, d:

- When lifting the Combi-CB, d = 1000mm approx
- When lifting the Aisle Master, d = 1800mm approx
- When lifting the Counter Balance Forklifts, d = 1000 to 1600mm approx
- When lifting the Reach Forklifts, d = 1100 to 1300mm approx
- When lifting the Electric Pallet Jacks, d = 1000mm approx
- When lifting the Walkie Stackers, d = 800mm approx

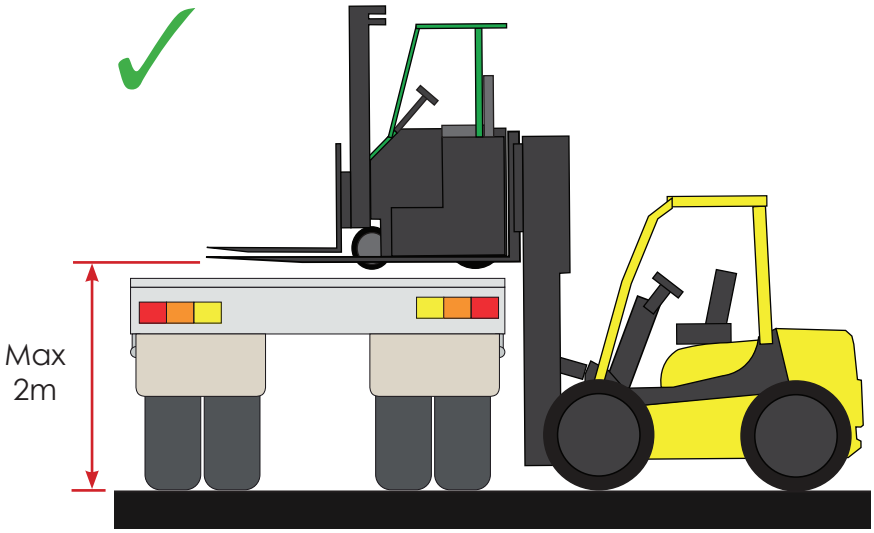
Key Elements (continued)



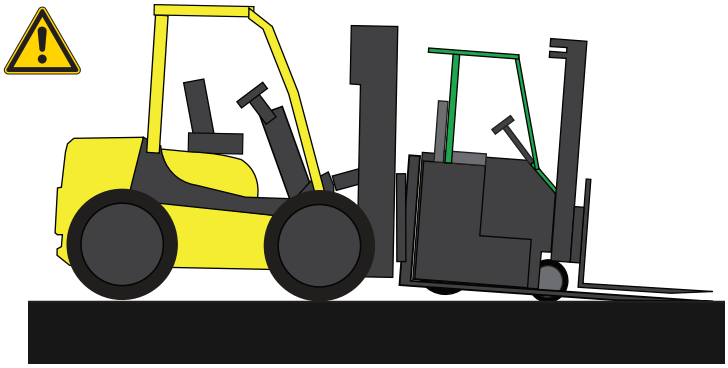
Keep the load as low as reasonably practicable during travel.



No pedestrians or other MHE should be within a radius of 5m of the load when the lifting task is taking place.

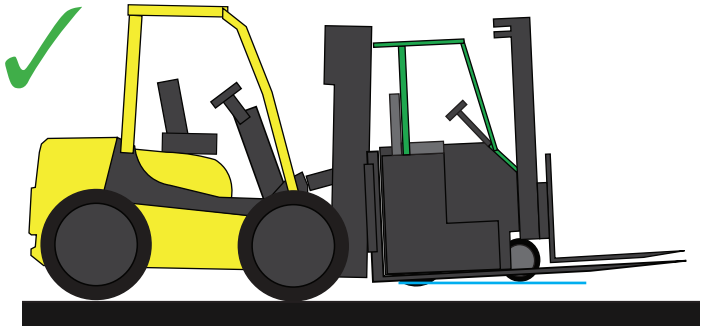


Only lift the load when required and limit the maximum lifting height to 2m.

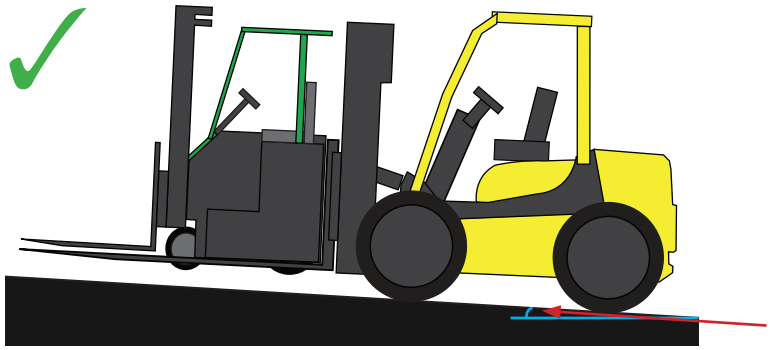


Only tilt the load forward when unloading **and** part of the load is in contact with the ground or loading surface (i.e. trailer deck). Do not tilt the load forward during travel.

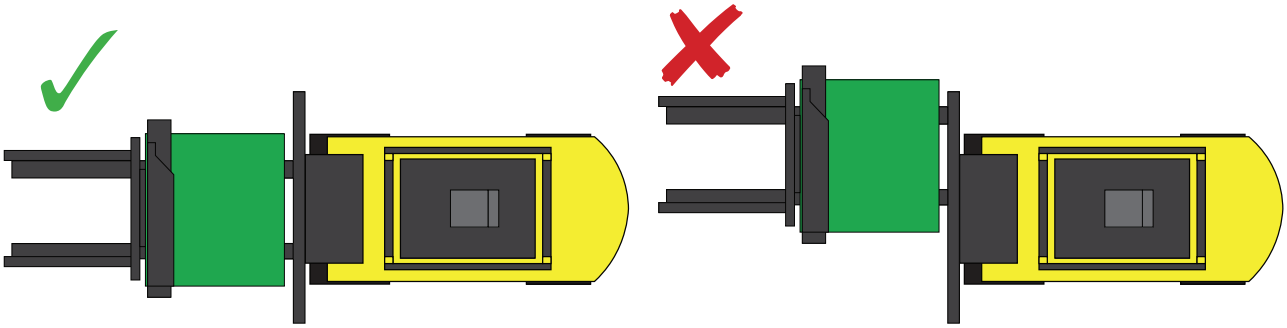
Key Elements (continued)



Tilt the load slightly rearwards during travel.



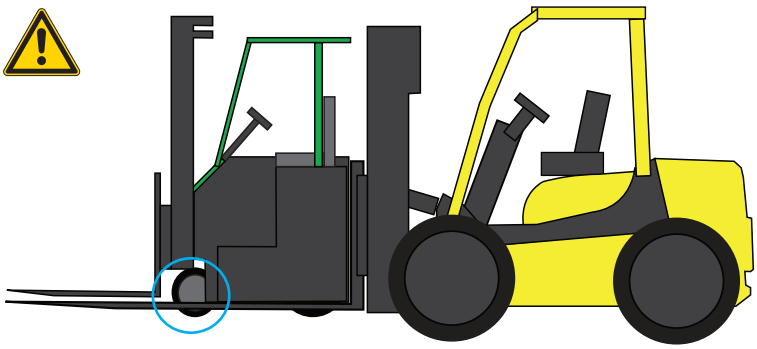
Ensure lifting tasks and all travel paths occur on sealed flat surfaces with suitable capacity to withstand the axle weights of the loaded forklift. Surface grade must not exceed 2°.



Ensure forklift tynes are opened evenly. No more than 50mm variance between the tynes when measured from the centre.

Lifting Procedure - Combilift Combi-CB

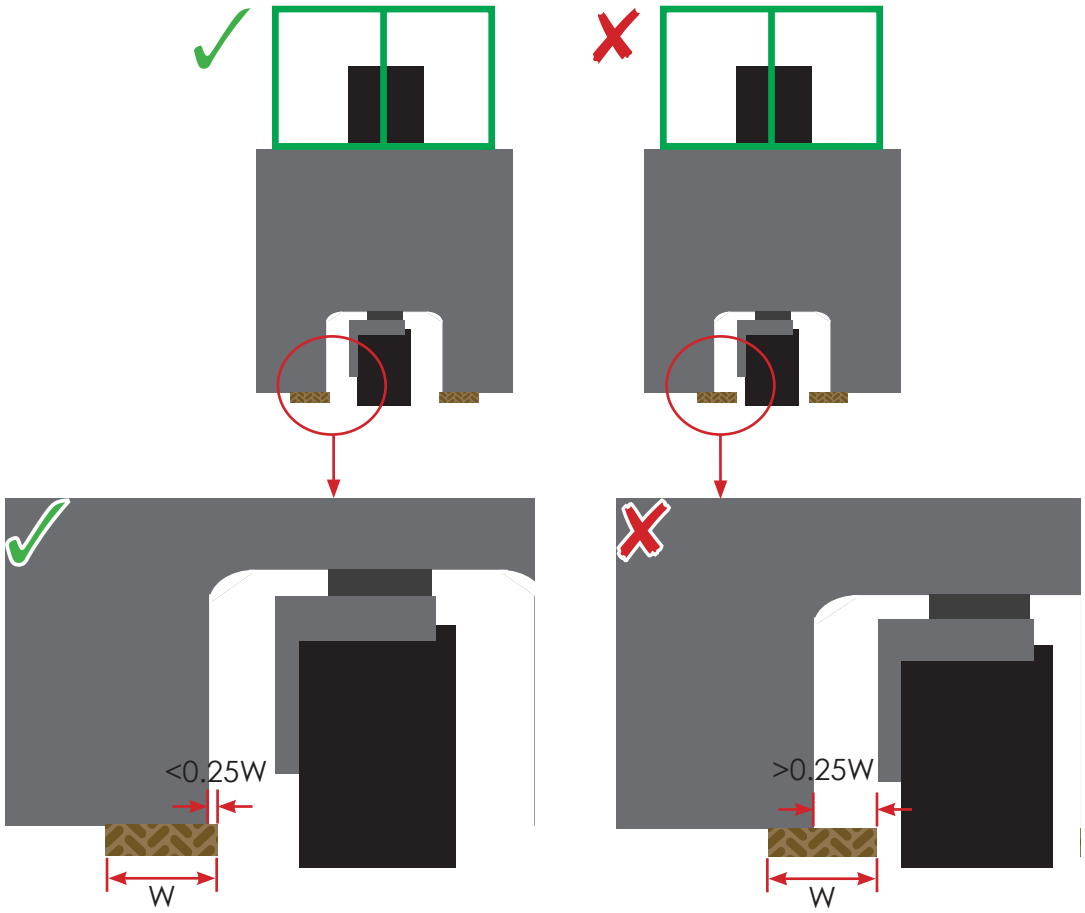
The following constraints must be met when lifting the Combi-CB forklift:



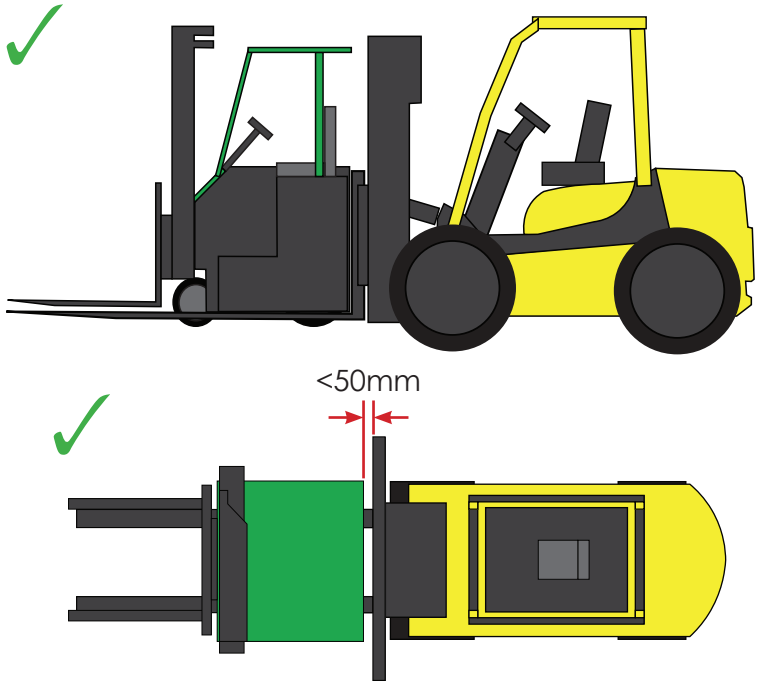
Ensure the forklift tynes of the lifting forklift clear the front wheels of the Combi-CB.

Lifting Procedure - Combilift Combi-CB (continued)

The following constraints must be met when lifting the Combi-CB forklift:



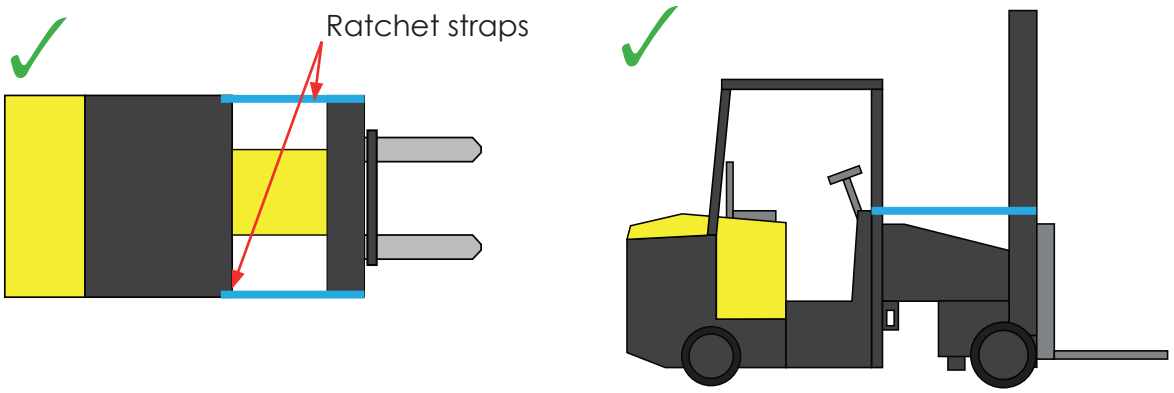
Ensure the forklift tynes of the lifting forklift do not have more than a quarter of their width extending into the wheel void of the Combi-CB.



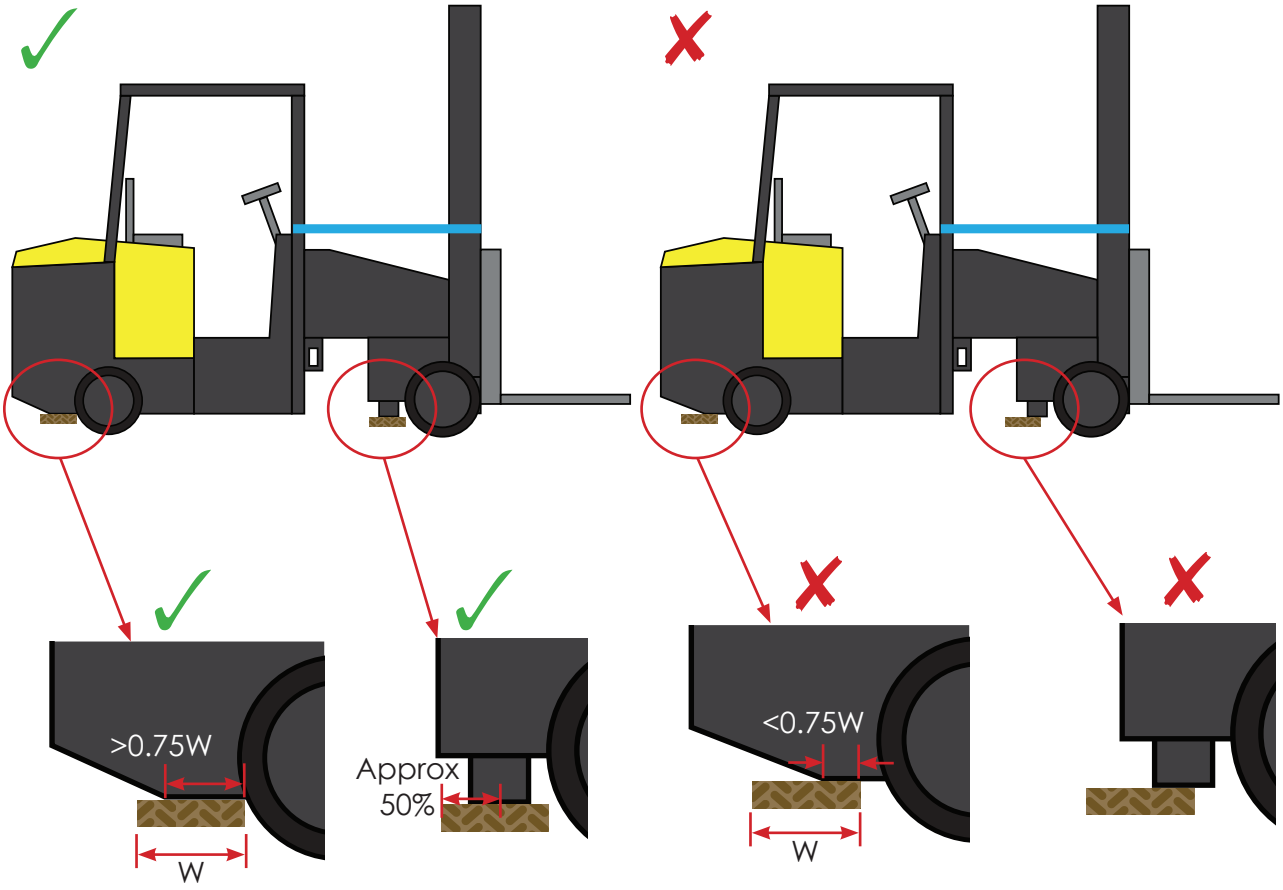
The load must be centralised and within 50mm of the lifting forklift's load backrest.

Lifting Procedure - Electric Aisle-Master

The following constraints must be met when lifting the Electric Aisle Master forklift:



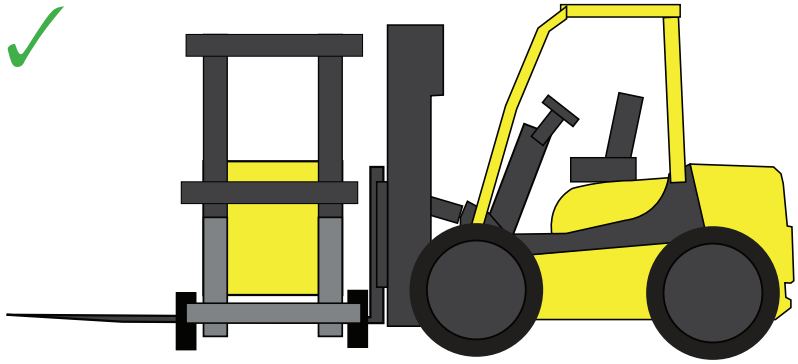
The mast of the aisle-master must be strapped to the overhead guard using 2,500kg lashing capacity 50mm ratchet straps prior to lifting to stop articulation.

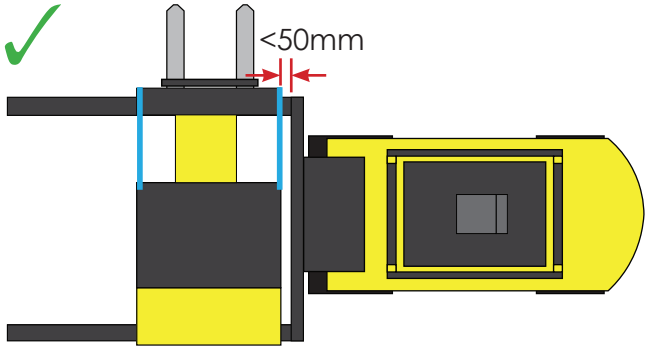


Ensure the Aisle Master is stable when being lifted.

Lifting Procedure - Electric Aisle Master (continued)

The following constraints must be met when lifting an Electric Aisle Master forklift:

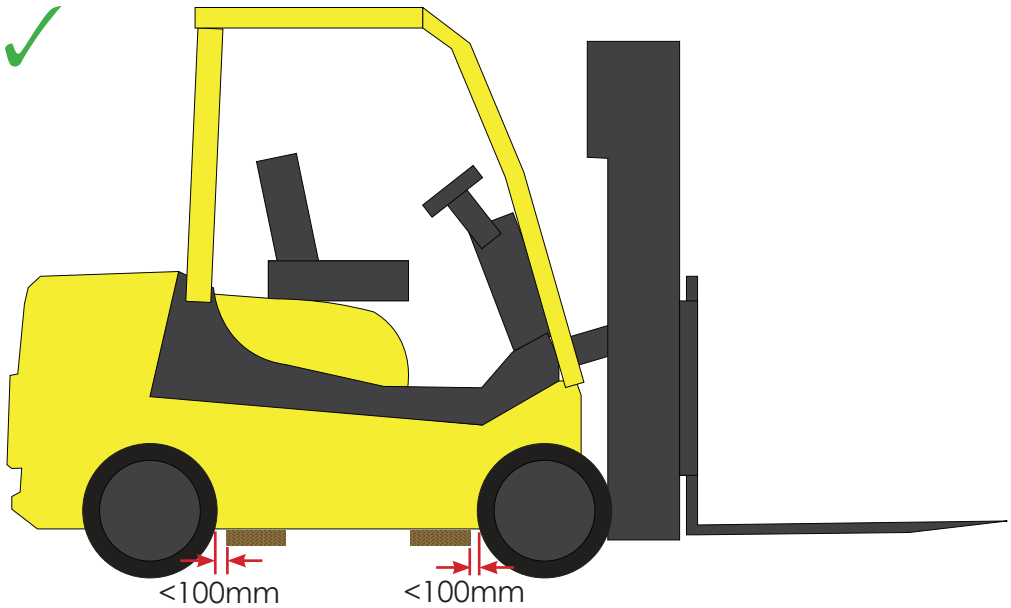




The load must be centralised and within 50mm of the lifting forklift's load backrest.

Lifting Procedure - Counterbalance Forklifts

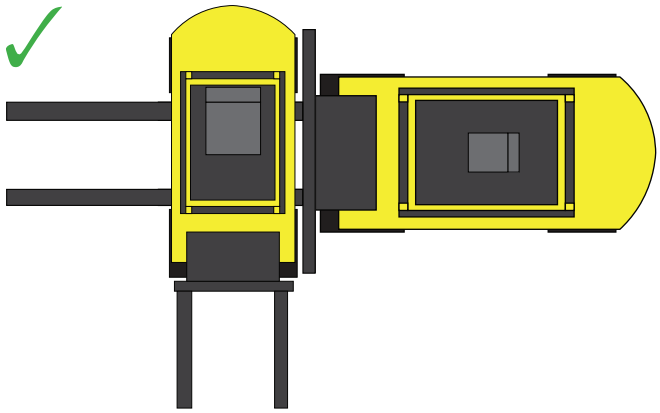
The following constraints must be met when lifting a Counterbalance Forklift:

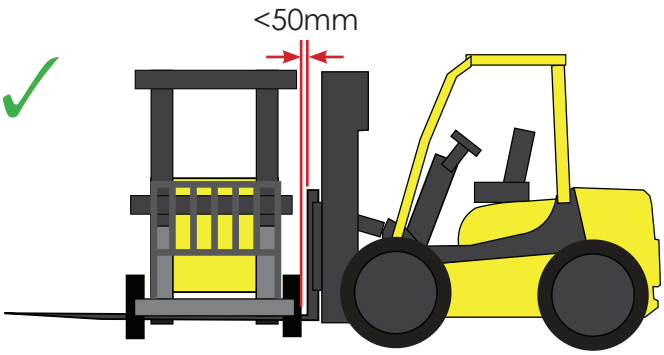


Ensure the forklift tynes of the lifting forklift are in contact with a flat stable area on the underbody, close to the wheel arches, of the forklift being lifted.

Lifting Procedure - Counterbalance Forklifts (continued)

The following constraints must be met when lifting a Counterbalance Forklift:

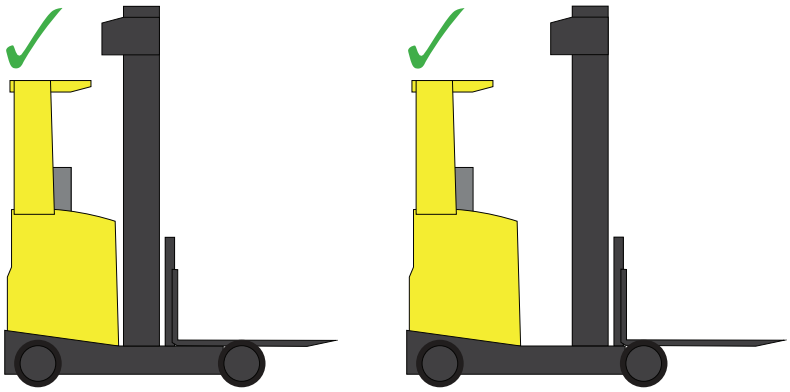




The load must be centralised and within 50mm of the lifting forklift's load backrest.

Lifting Procedure - Reach Trucks

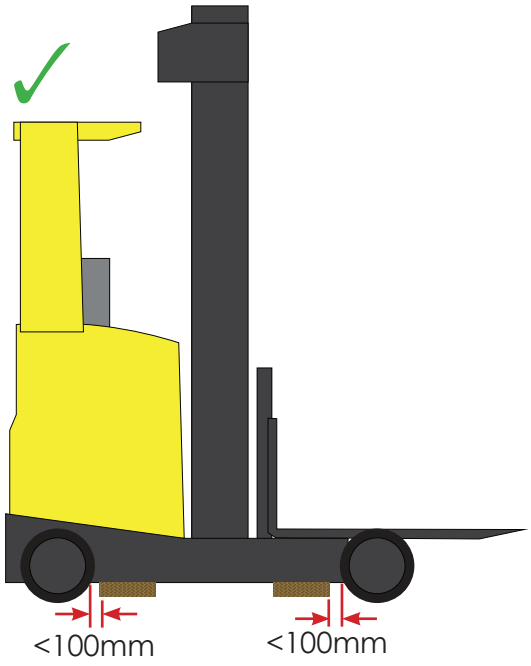
The following constraints must be met when lifting an Electric Reach Truck:



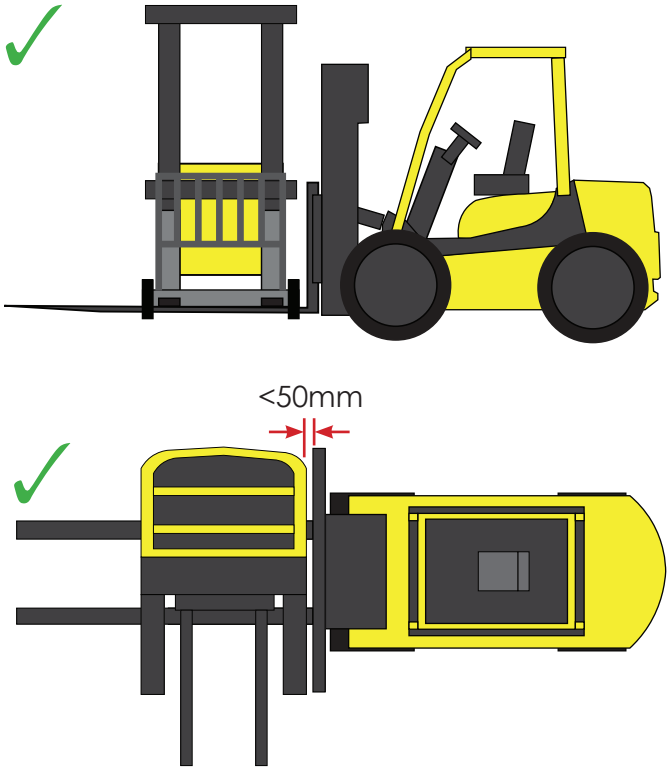
Reach forklifts can be lifted with the fork in either the advanced or retracted position.

Lifting Procedure - Reach Trucks (continued)

The following constraints must be met when lifting an Electric Reach Truck:



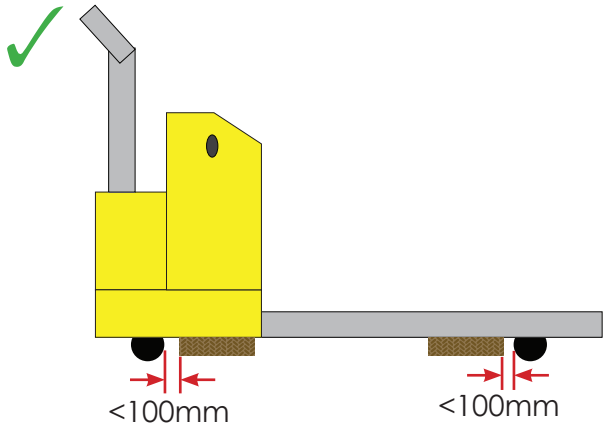
Ensure the forklift tynes of the lifting forklift are in contact with a flat stable area on the underbody, close to the wheel arches, of the reach truck being lifted.



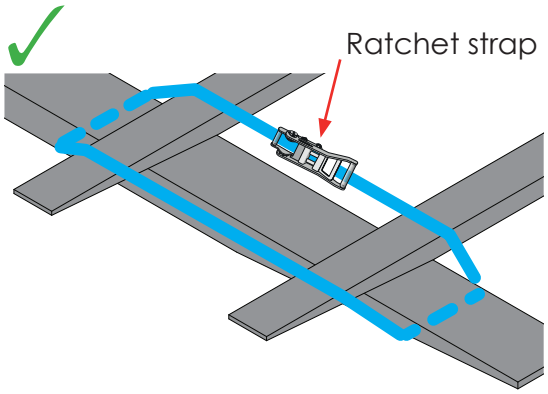
The load must be centralised and within 50mm of the lifting forklift's load backrest.

Lifting Procedure - Electric Pallet Jacks

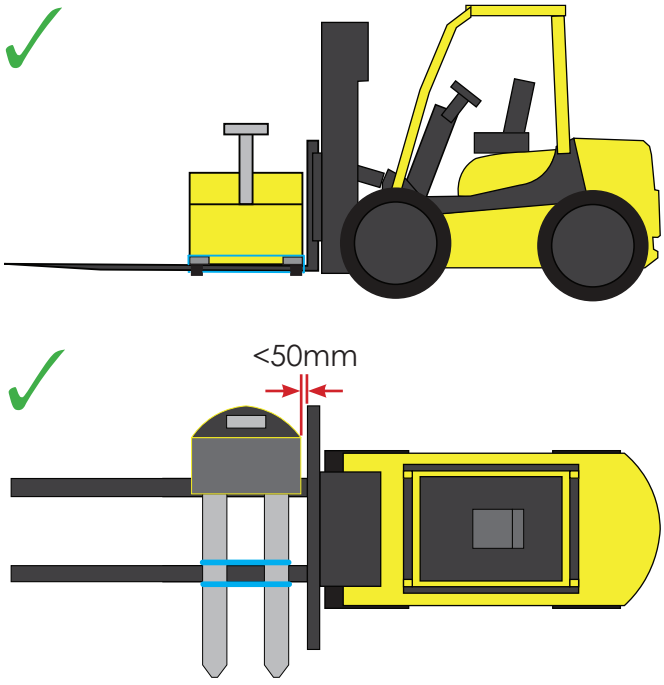
The following constraints must be met when lifting an Electric Pallet Jack:



Ensure the forklift tynes of the lifting forklift are in contact with a flat stable area on the underbody, close to the wheels, of the electric pallet jack.



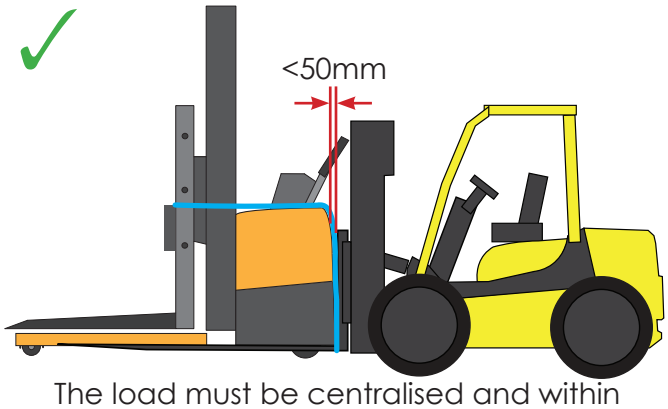
Use a ratchet strap to secure the tynes of the electric pallet jack to the tynes of the lifting forklift.



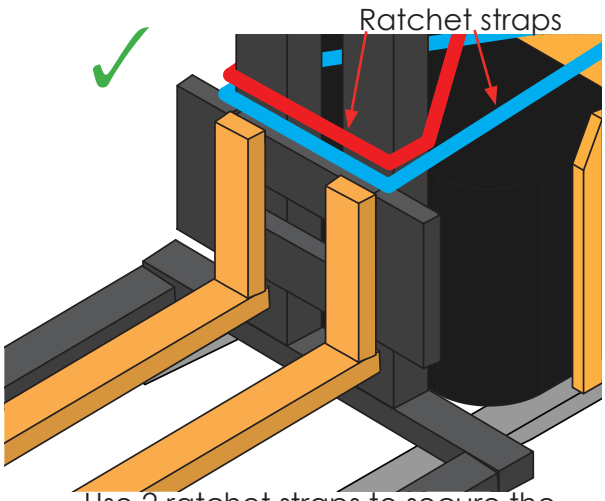
The load must be centralised and within 50mm of the lifting forklift's load backrest.

Lifting Procedure - Walkie Stackers

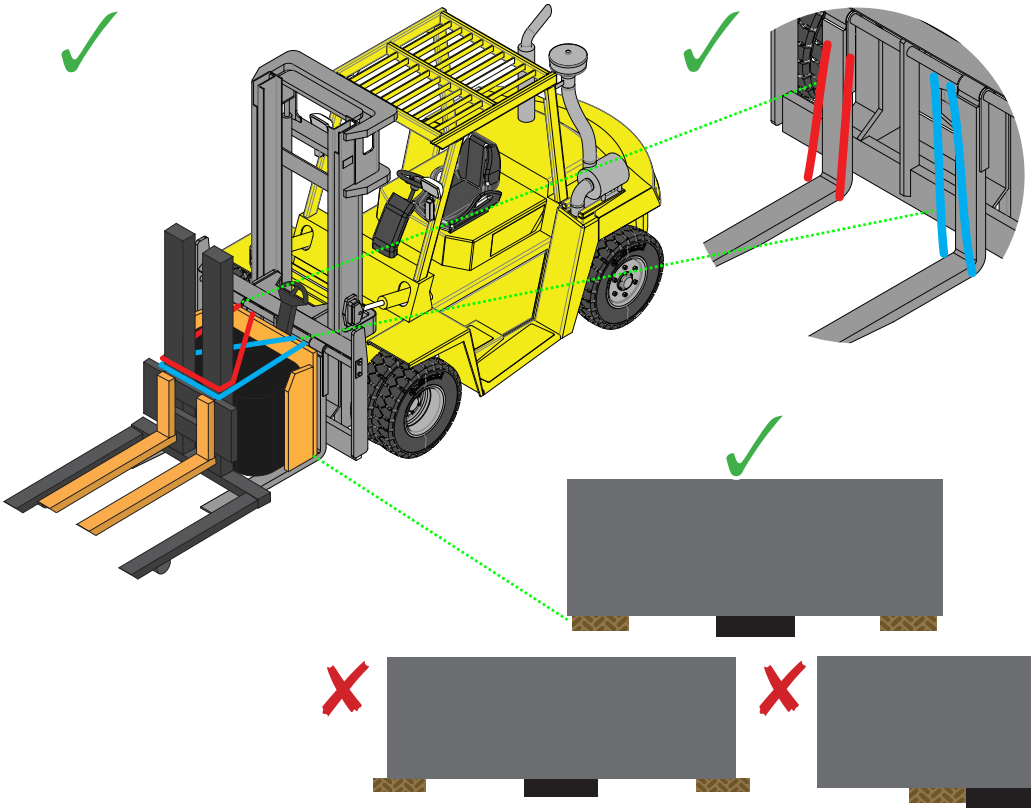
The following constraints must be met when lifting a Yale Electric Walkie Stacker:



The load must be centralised and within 50mm of the lifting forklift's load backrest.



Use 2 ratchet straps to secure the walkie stacker to the lifting forklifts tynes in a position that cannot slip.



Ensure the forklift tynes of the lifting forklift are spread as wide as possible and in contact with a flat stable area (away from the drive wheel) on the underbody of the walkie stacker.

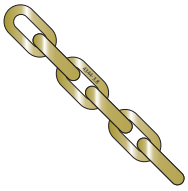
Section 6 – Load Restraint Guide

This guideline:

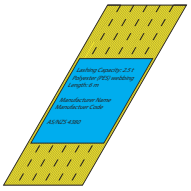
- Applies to the variety of forklifts outlined within this guideline.
- Is the loader and driver guide to the certification E01711-LRC1 to meet the loading *Performance Standards* contained within the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation* (22 February 2021).

Key Elements

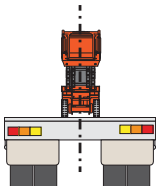
✓ Minimum 8 mm transport chains tensioned tight by standard load binder.



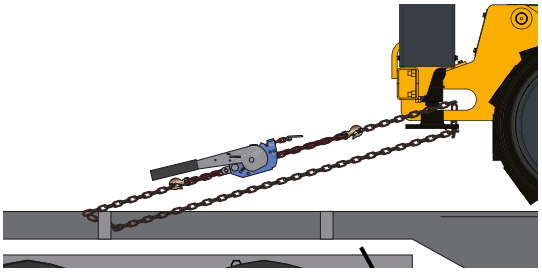
✓ Minimum 50 mm Webbing lashing tensioned tight by standard tensioner.



✓ Single file equipment must be loaded centrally across the trailer deck.



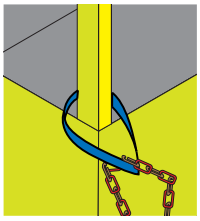
✓ Lashings are to be installed in either a single chain or looped chain arrangement depending on restraint system.



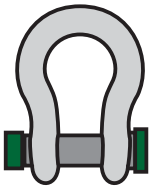
Looped Chain Arrangement

✓ Any looped chain greater than 8mm will require rated lashing points on the vehicle.

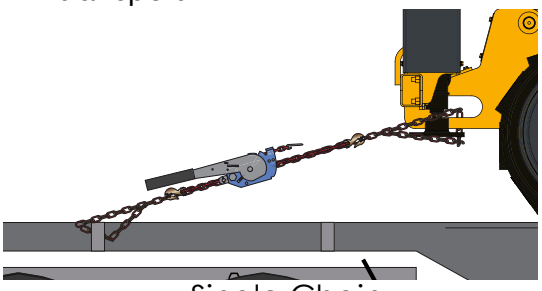
✓ Apply suitable and correctly sized lifting slings around anchor points where chains might damage area. Lifting slings must have at least a 1.5t rating for single chain arrangement and 3t for looped chain.



✓ Ensure shackles have the minimum rating required for each system as stated.



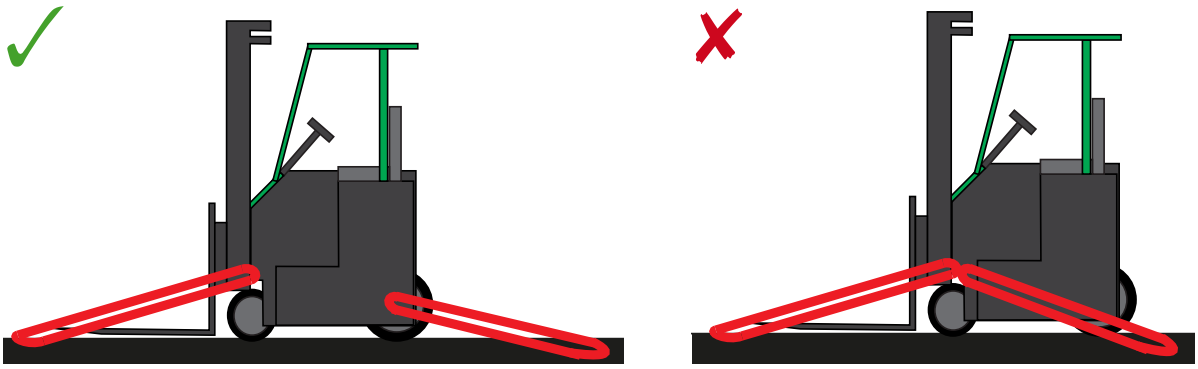
✓ Ensure locking pins are installed to prevent any movement during transport.



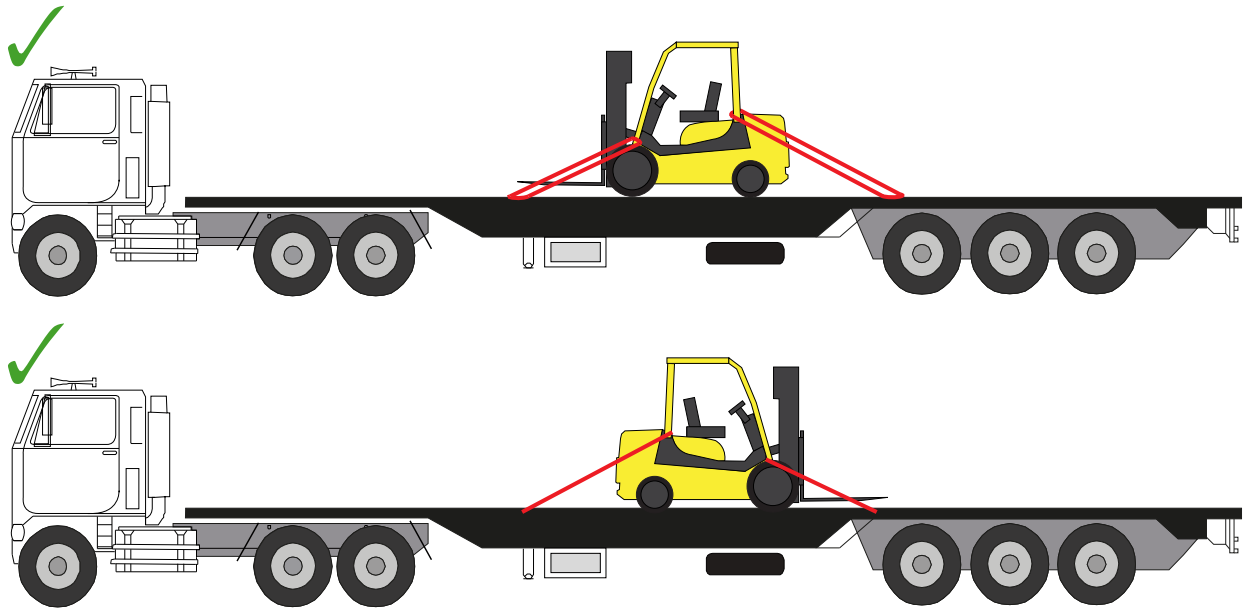
Single Chain Arrangement

✓ Lashing protection may be required to prevent damage to the plant when using chain.

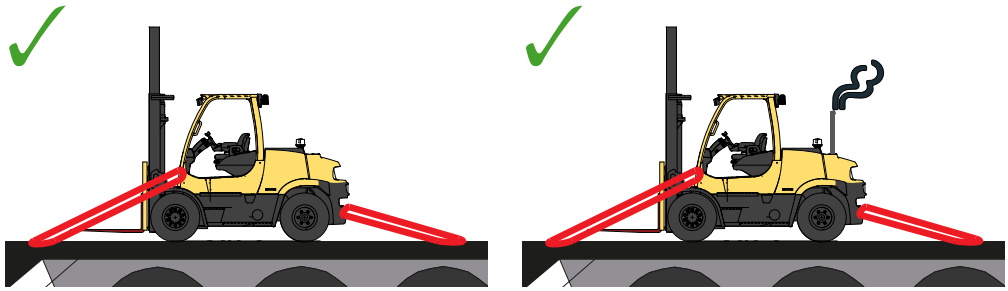
Key Elements (continued)



Attach two chains to the rear and two chains to the front of the forklift.

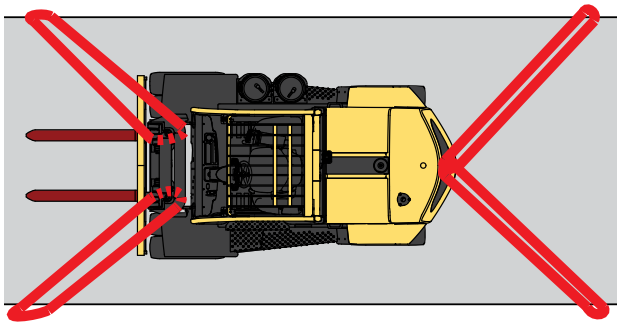


Plant can be loaded with the tynes facing towards or away from the prime mover.

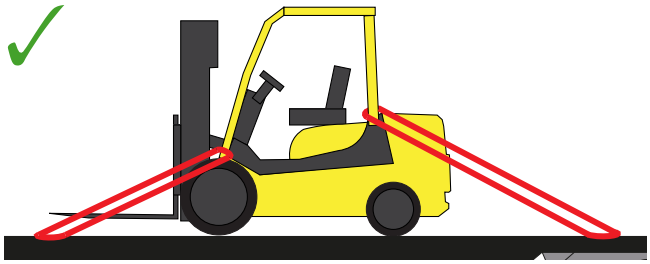


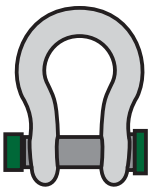
The restraint systems in this guideline applies to both diesel and electric forklifts provided the nominated mass limits can be met.

Lashing Point Requirements

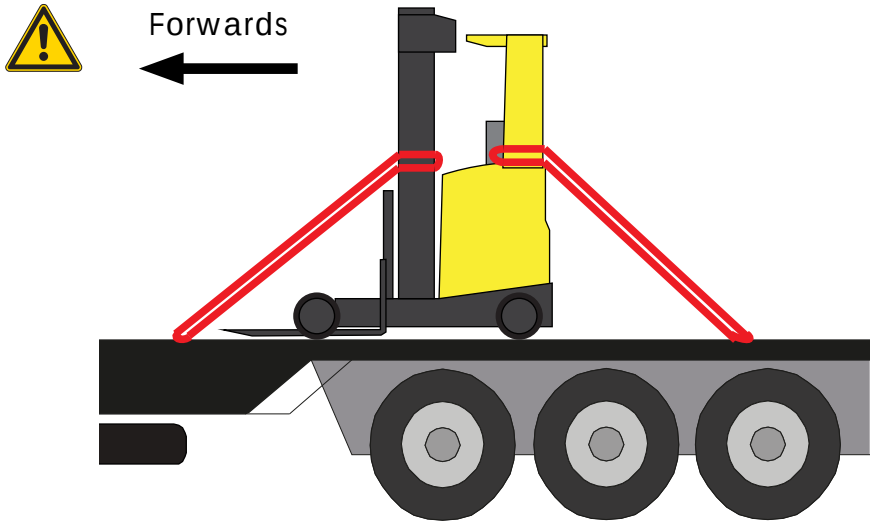


Up to 2 looped chains can be attached to forklift tow points.





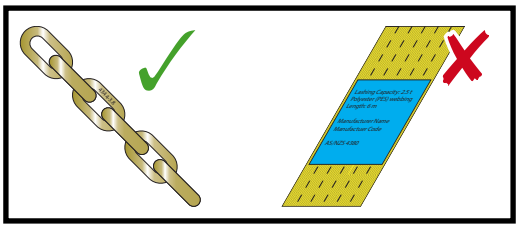
Dedicated lashing points, axles and forklit ROPs are suitable lashing points.



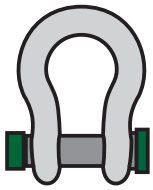
Masts can only be used for lashing points on forklifts under 5,000kg with their tynes facing towards the prime mover.

Standard Forklift - Hyster H1.5XT to H3.5XT and H1.5FT to H3.5FT

- ✓ Maximum mass of up to 4,800kg.
- ✓ Minimum 8 mm transport chains tensioned tight by standard load binder.

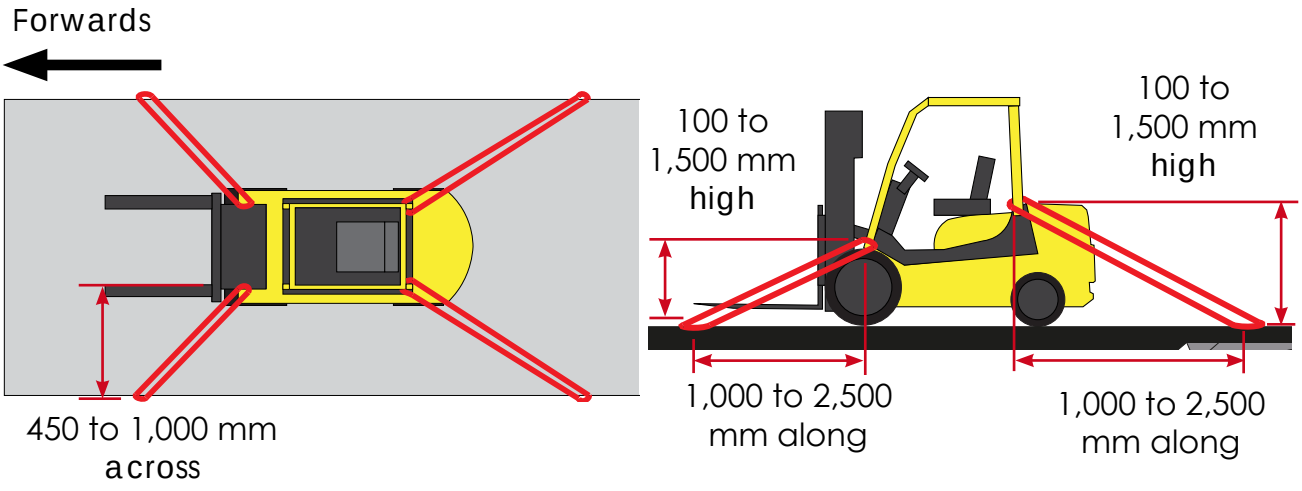


- ✓ Ensure shackles have a minimum W.L.L of 5.0 t and are used through tie down points.

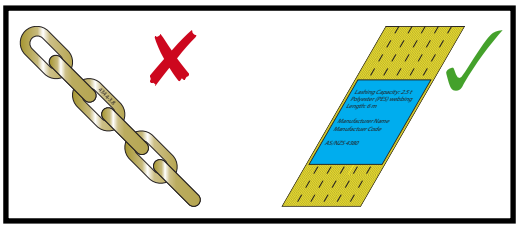


✓ Looped chain Arrangement.

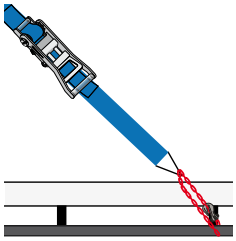
✓ Ensure chains are within the outlined ranges below:

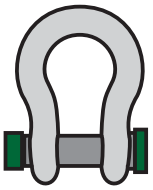


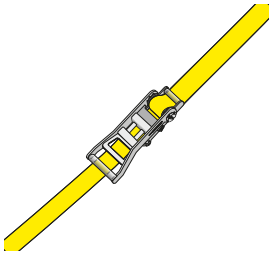
Small Forklift - Hyster J1.5XNT (Webbing Only)



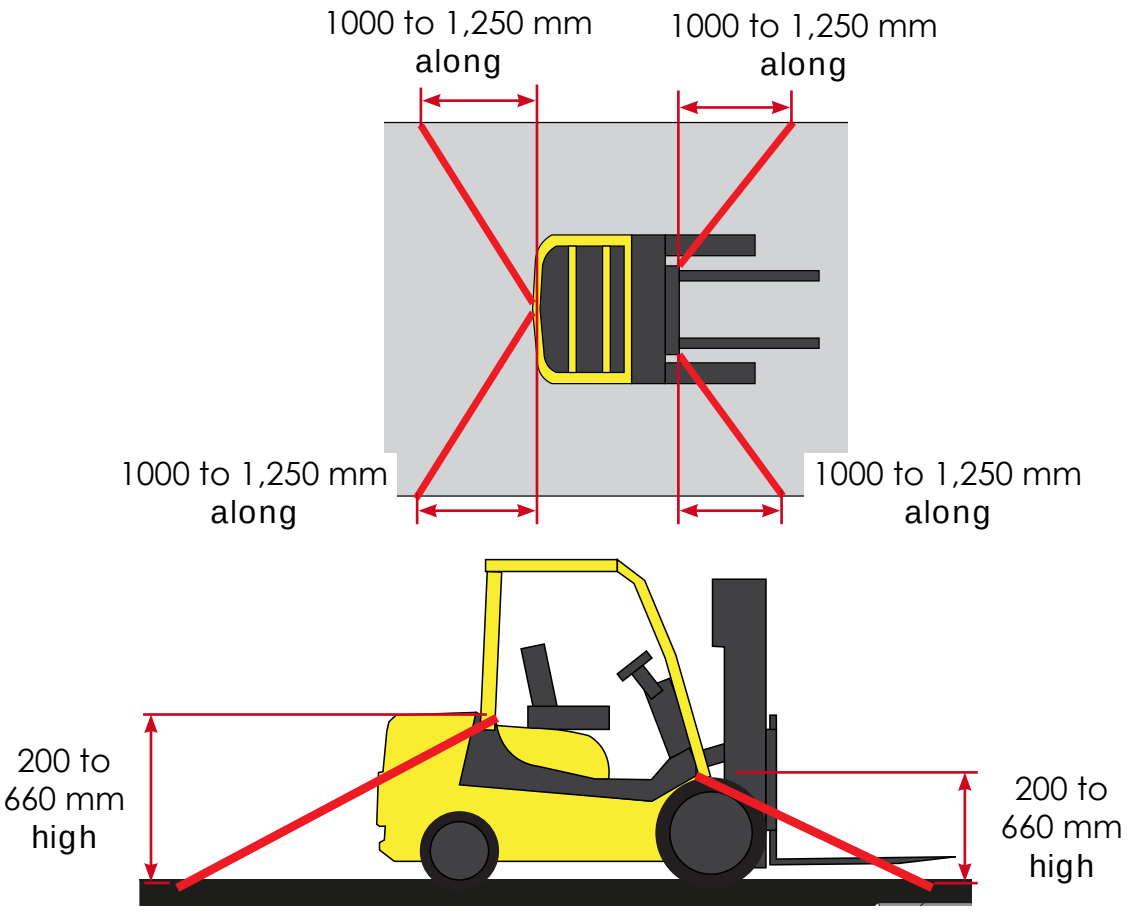
- ✓ Maximum mass of up to 3,100kg.
- ✓ Minimum 50 mm Webbing lashing with 2.5 t lashing capacity tensioned tight by standard Tensioner.
- ✓ Ensure shackles have a minimum W.L.L of 2.5 t and are used through tie down points.





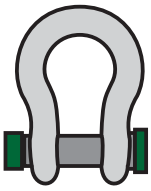


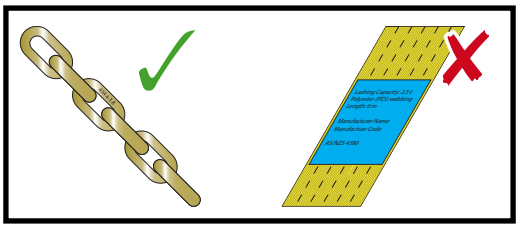
- ✓ Use a short length of chain to prevent bending of the webbing strap over the coaming rail.
- ✓ Front of forklift lashings are to be tied to the front tie down point or supports.
- ✓ Single Length webbing arrangement.
- ✓ Ensure straps are within the outlined ranges below:



Standard Forklift - Hyster H135 to155FT

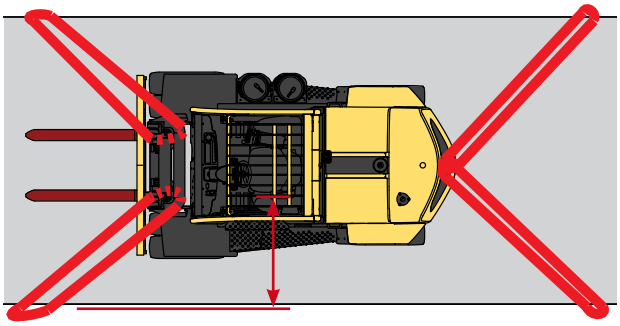
- ✓ Maximum mass of up to 9,500kg.
- ✓ Minimum 8 mm transport chains tensioned tight by standard load binder.
- ✓ Ensure shackles have a minimum W.L.L of 5.0 t and are used through tie down points.



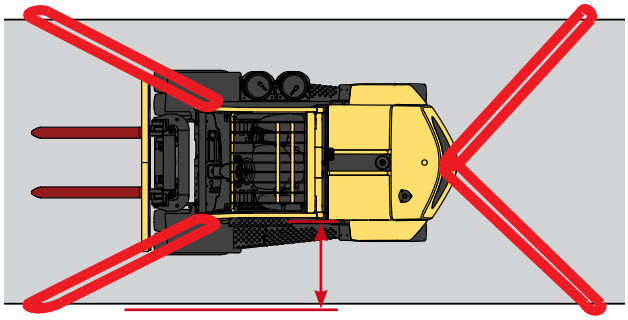


✓ Looped chain Arrangement.

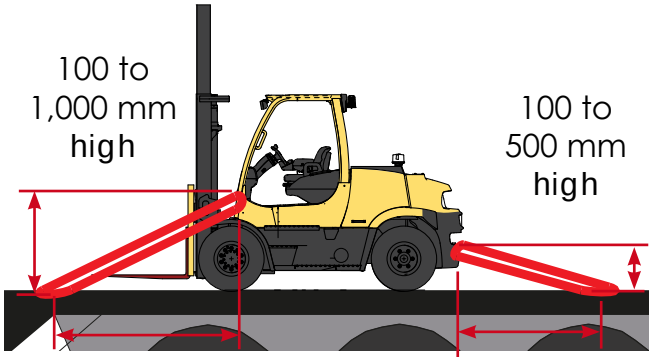
✓ Ensure chains are within the outlined ranges below:



700 to 1,250 mm across

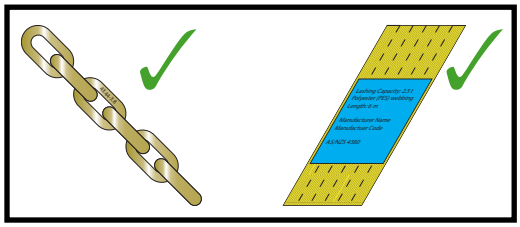


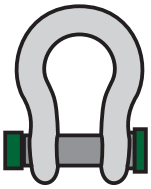
700 to 1,250 mm across



Combilift Combi-CB Forklift

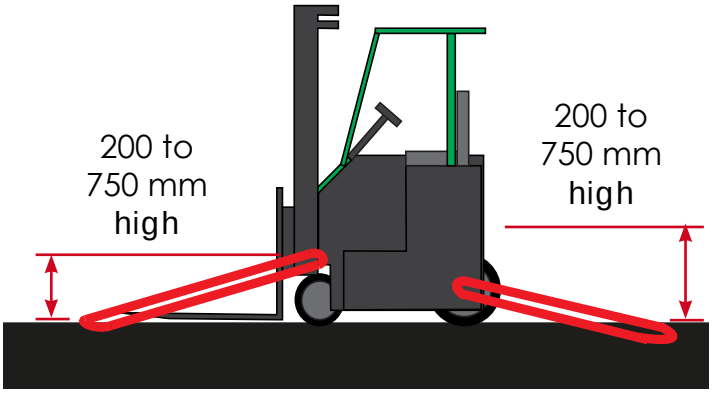
- ✓ Maximum mass of up to 8,000kg.
- ✓ Minimum 8 mm transport chains tensioned tight by standard load binder.
- ✓ Ensure shackles have a minimum W.L.L of 5.0 t and are used through tie down points.

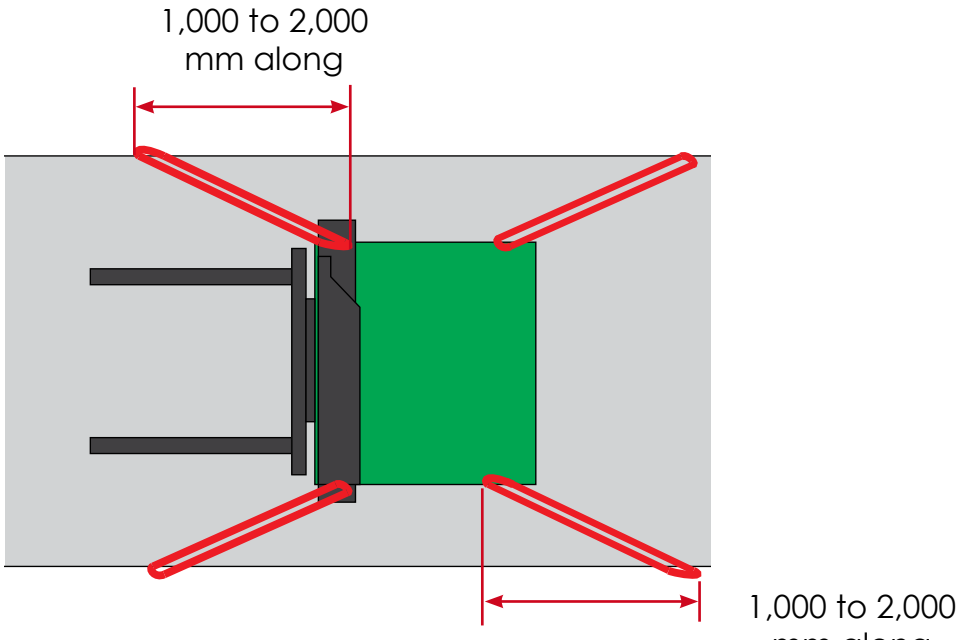




- ✓ Looped chain arrangement.

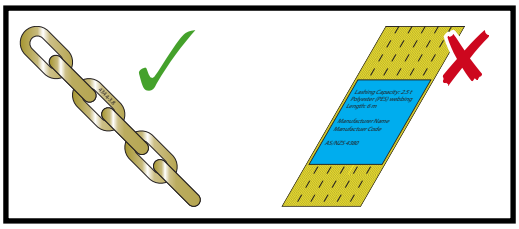
- ✓ Ensure chains are within the outlined ranges below:

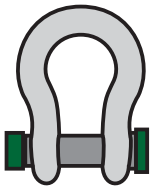


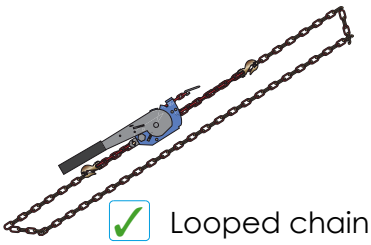


Aislemaster Articulated Forklift

- ✓ Maximum mass of up to 7,300kg.
- ✓ Minimum 8 mm transport chains tensioned tight by standard load binder.
- ✓ Ensure shackles have a minimum W.L.L of 5.0 t and are used through tie down points.

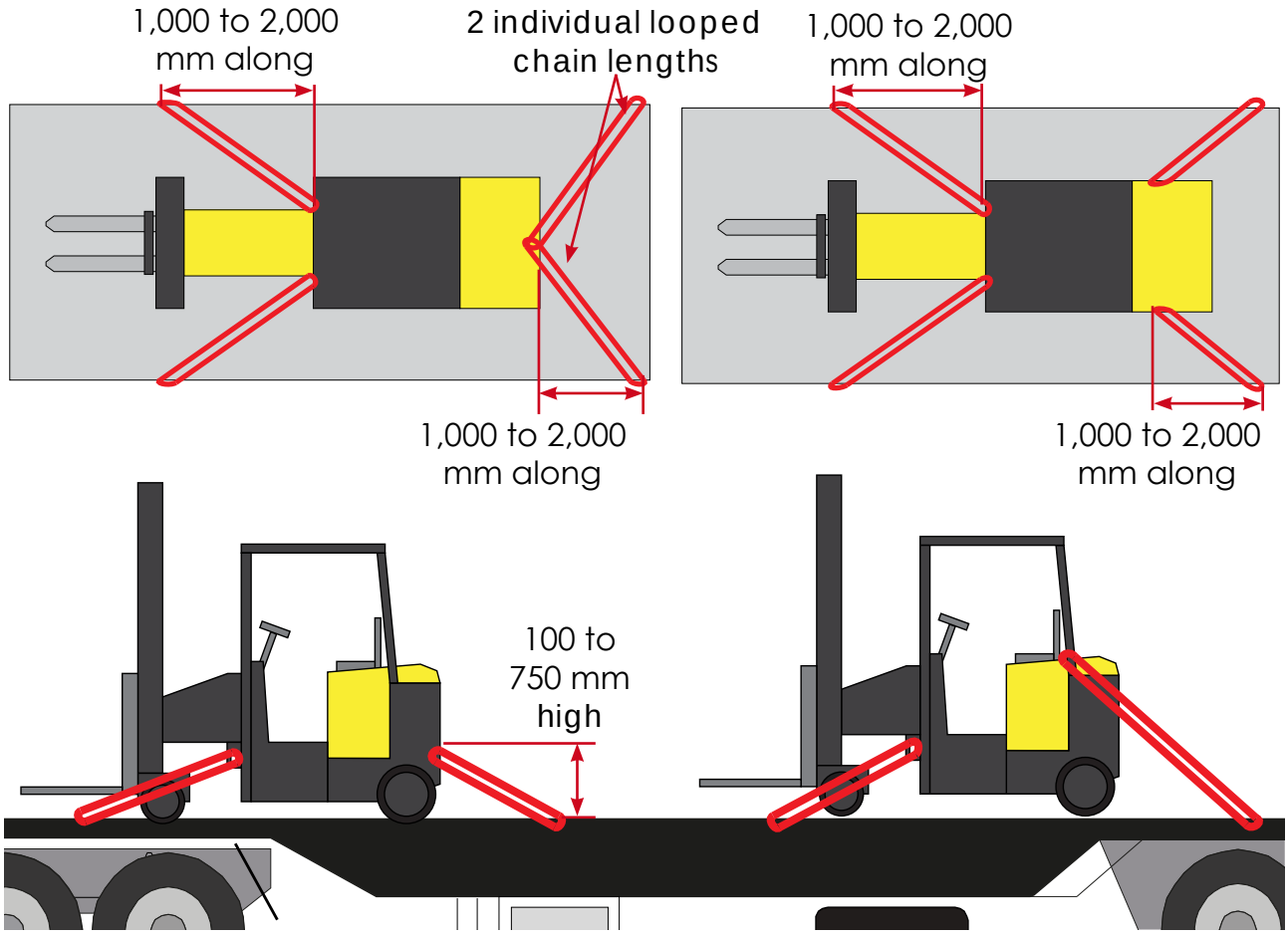






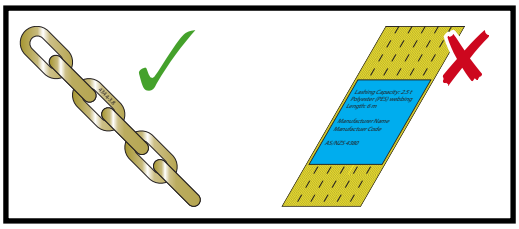
✓ Looped chain arrangement.

✓ Ensure chains are within the outlined ranges below:



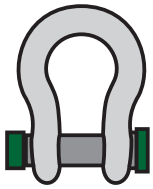
Reach Forklift - Hyster R1.4 to R2.5

- ✓ Maximum mass of up to 5,000kg.



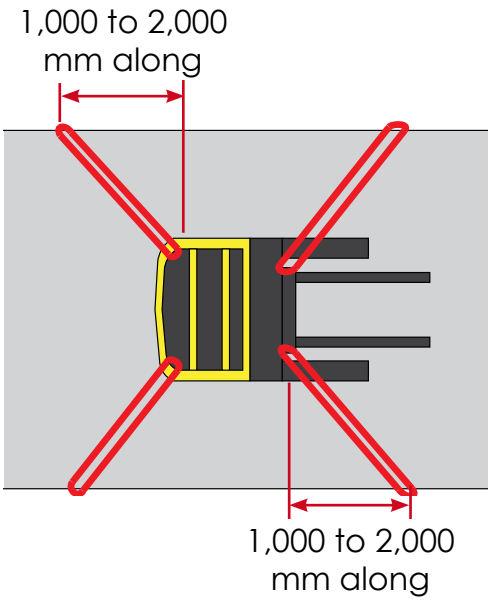
- ✓ Minimum 8 mm transport chains tensioned tight by standard load binder.

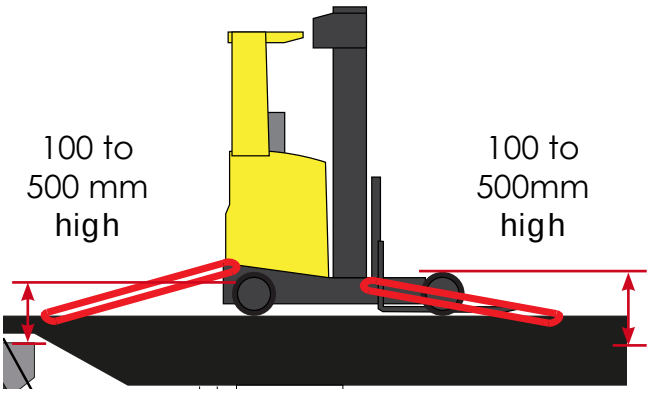
- ✓ Ensure shackles have a minimum W.L.L of 5.0 t and are used through tie down points.



- ✓ Looped chain arrangement.

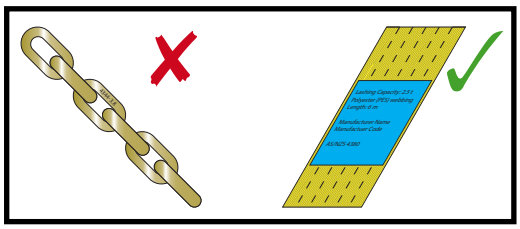
- ✓ Ensure chains are within the outlined ranges below:

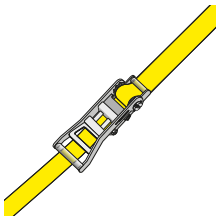




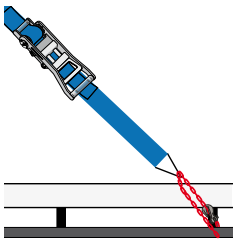
Small Mobile Plant - Generic (Webbing Only)

- ✓ Maximum mass of up to 3,000 kg.
- ✓ Minimum 50 mm Webbing lashing with 2.5 t lashing capacity tensioned tight by standard Tensioner.

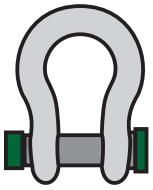




- ✓ Single length webbing arrangement.

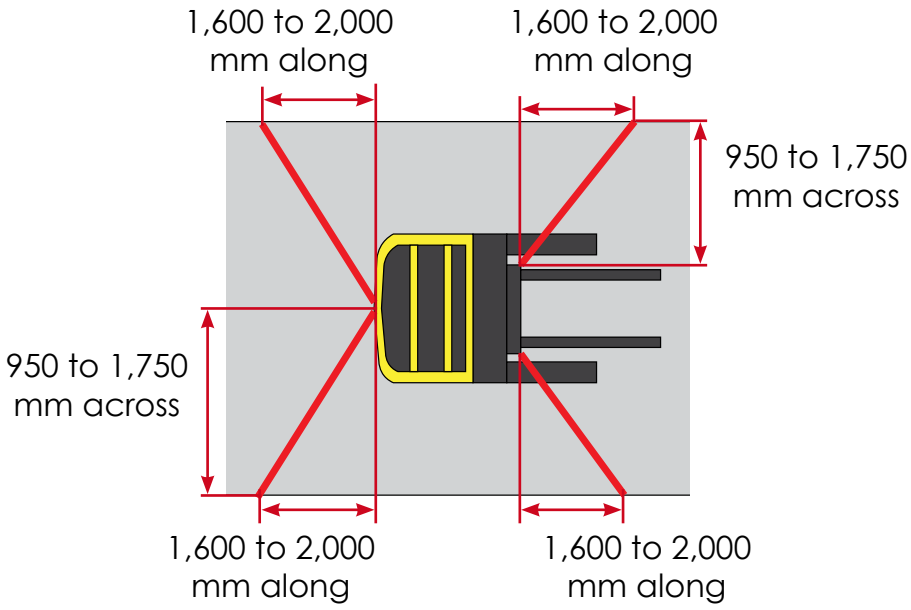


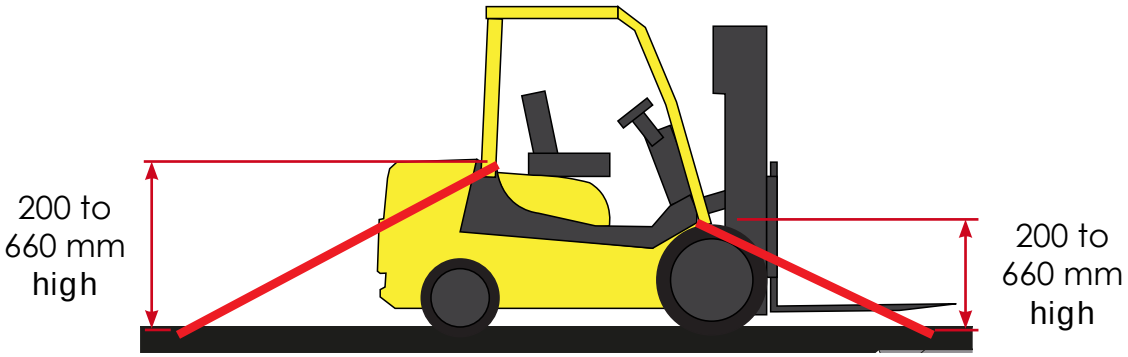
- ✓ Use a short length of chain to prevent bending of the webbing strap over the coaming rail.



- ✓ Where chain access is restricted ensure shackles have a minimum W.L.L of 2.5 t and are used through tie down points.

- ✓ Ensure straps are within the outlined ranges below:



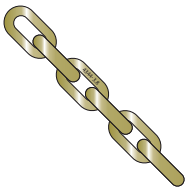


This guideline:

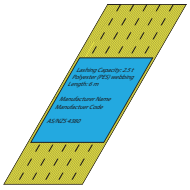
- Applies to the EPJ's and walkie stackers outlined within the guideline.
- Is the loader and driver guide to the certification E01711-LRC1 to meet the loading *Performance Standards* contained within the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation* (22 February 2021).

Key Elements

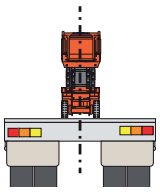
✓ Minimum 8 mm transport chains tensioned tight by standard load binder.



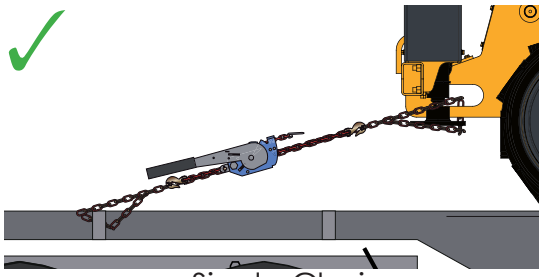
✓ Minimum 50 mm Webbing lashing tensioned tight by standard tensioner.



✓ Single file equipment must be loaded centrally across the trailer deck.

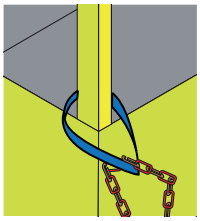


✓

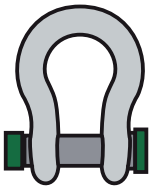


Single Chain Arrangement

✓ Apply suitable and correctly sized lifting slings around anchor points where chains might damage area. Lifting slings must have at least a 1.5t rating for single chain arrangement and 3t for looped chain.



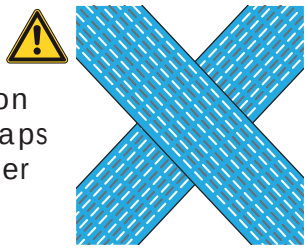
✓ Ensure shackles have the minimum rating required for each system as stated.



✓ Ensure locking pins are installed to prevent any movement during transport.

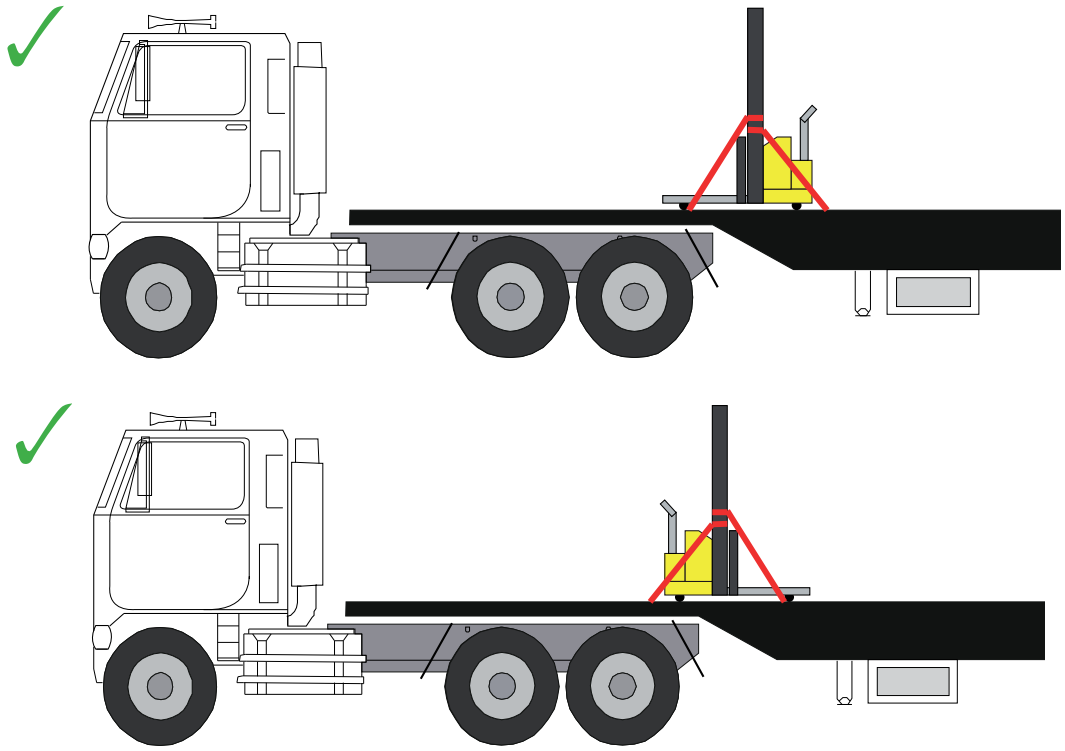
✓ Lashing protection may be required to prevent damage to the plant when using chain.

To prevent abrasion ensure webbing straps do not rub together



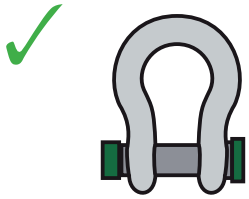
Prepared and certified by Engistics
Ref: E01711-LRG2 – Version: Issue 1 – 08/06/2023

Key Elements (continued)

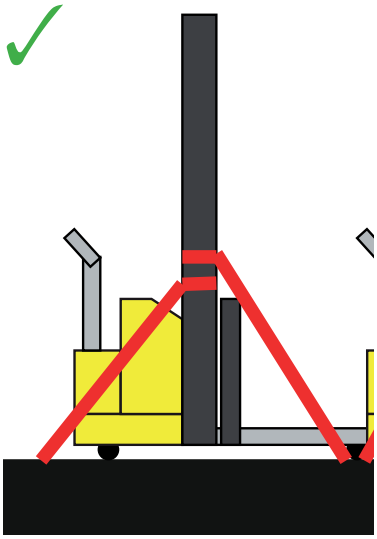


Plant can be loaded with the tynes facing towards or away from the prime mover.

Lashing Point Requirements



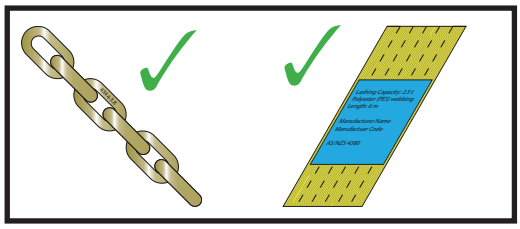
Dedicated lashing points are suitable lashing points.

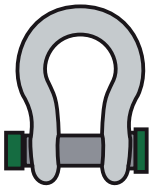


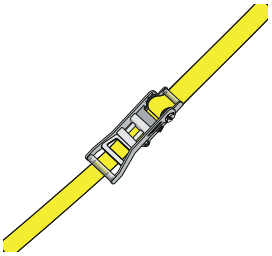
Masts can be used for lashing points on EPJ's and Walkie Stackers.

Walk Behind Electric Pallet Truck - Hyster P2.0

- ✓ Maximum mass of up to 1,500kg.
- ✓ Minimum 8 mm transport chains tensioned tight by standard load binder.
- ✓ Minimum 50 mm Webbing lashing with 2.5 t lashing capacity tensioned tight by standard tensioner.
- ✓ Ensure shackles have a minimum W.L.L of 2.5 t and are used through tie down points.



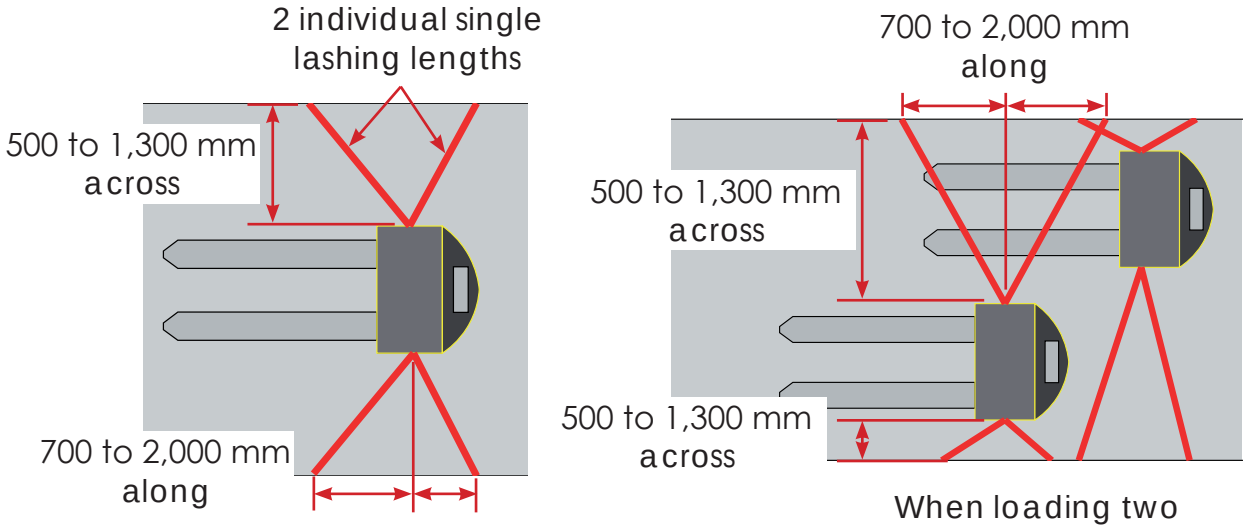


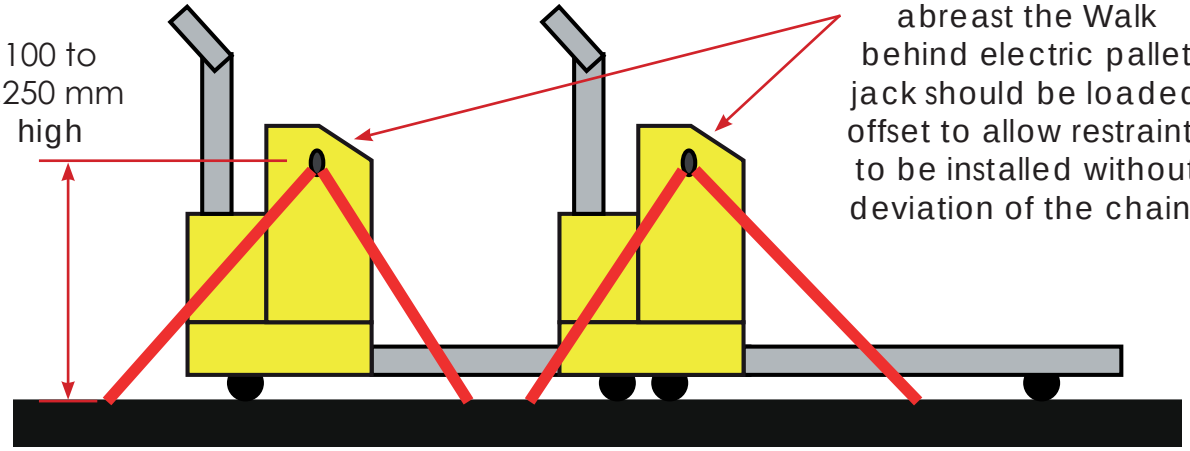


✓ Single length webbing arrangement.

✓ Single length chain arrangement.

✓ Ensure chains are within the outlined ranges below:

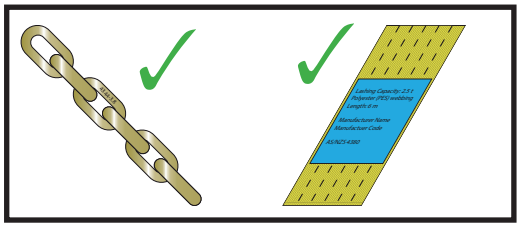




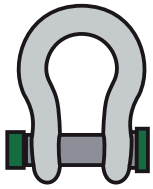
✓ Lashings are to be installed to the side tie down point.

Walk Behind Reach Forklift - Liftsmart LS10 to LS12

- ✓ Maximum mass of up to 1,500kg.
- ✓ Minimum 8 mm transport chains tensioned tight by standard load binder.
- ✓ Minimum 50 mm webbing lashing with 2.5 t lashing capacity tensioned tight by standard tensioner.

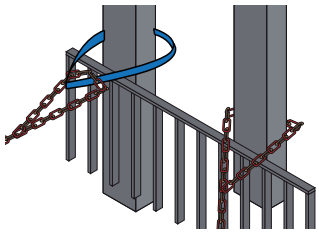


- ✓ Ensure shackles have a minimum W.L.L of 2.5 t and are used through tie down points.

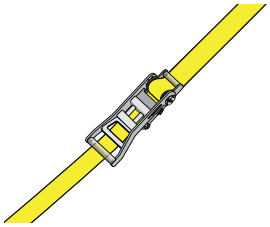


✓ Single length chain arrangement.

- ✓ Ensure lashings do not impact any cabling or hoses on the mast.

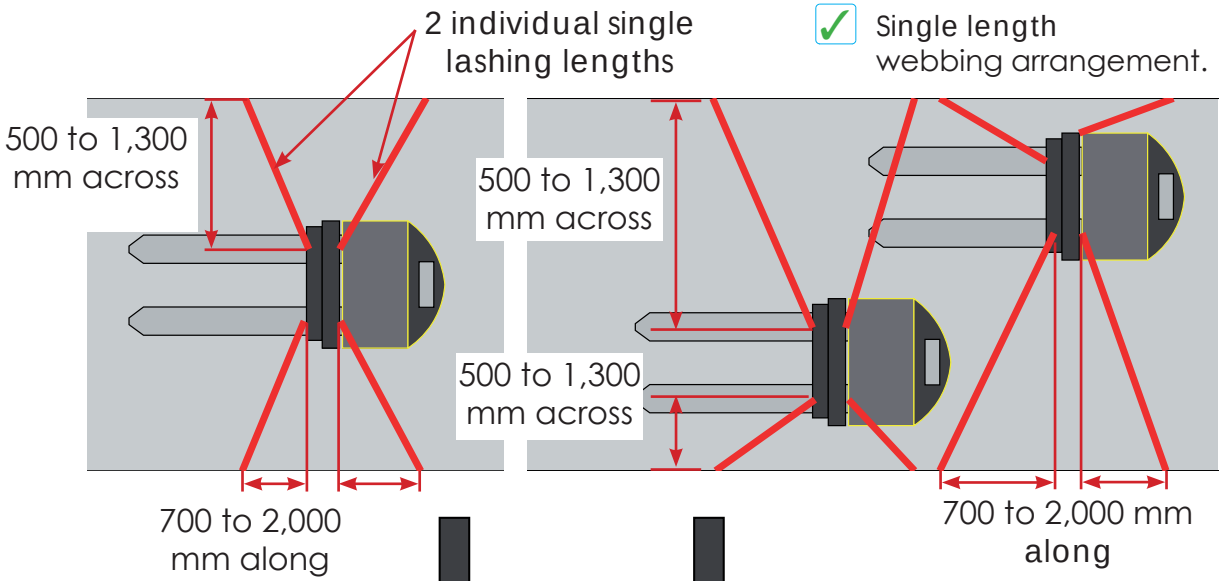


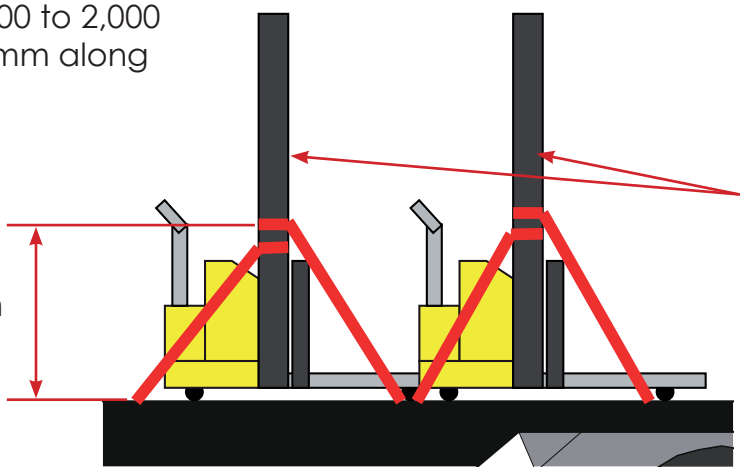
- ✓ Apply suitable lifting slings to protect cabling.



✓ Single length webbing arrangement.

- ✓ Ensure chains are within the outlined ranges below:





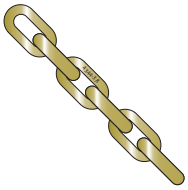
When loading two abreast the forklift should be loaded offset to allow restraints to be installed

This guideline:

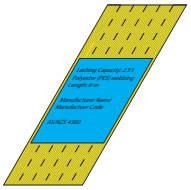
- Applies to the elevated work platforms outlined within the guideline.
- Is the loader and driver guide to the certification E01711-LRC1 to meet the loading *Performance Standards* contained within the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation* (22 February 2021).

Key Elements

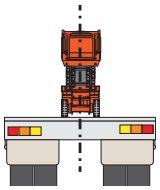
✓ Minimum 8 mm transport chains tensioned tight by standard load binder.



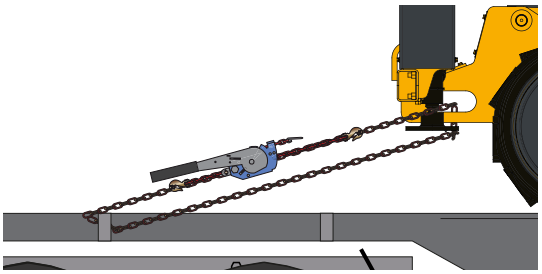
✓ Minimum 50 mm Webbing lashing tensioned tight by standard tensioner.



✓ Single file equipment must be loaded centrally across the trailer deck.



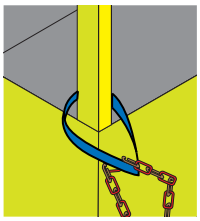
✓ Lashings are to be installed in either a single chain or looped chain arrangement depending on restraint system



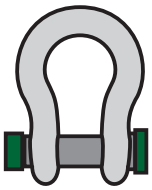
Looped Chain Arrangement

✓ Any looped chain greater than 8mm will require rated lashing points on the vehicle

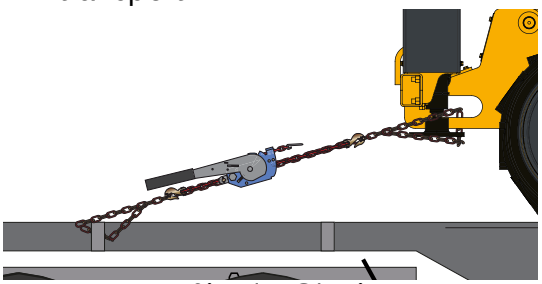
✓ Apply suitable and correctly sized lifting slings around anchor points where chains might damage area. Lifting slings must have at least a 1.5t rating for single chain arrangement and 3t for looped chain.



✓ Ensure shackles have the minimum rating required for each system as stated.



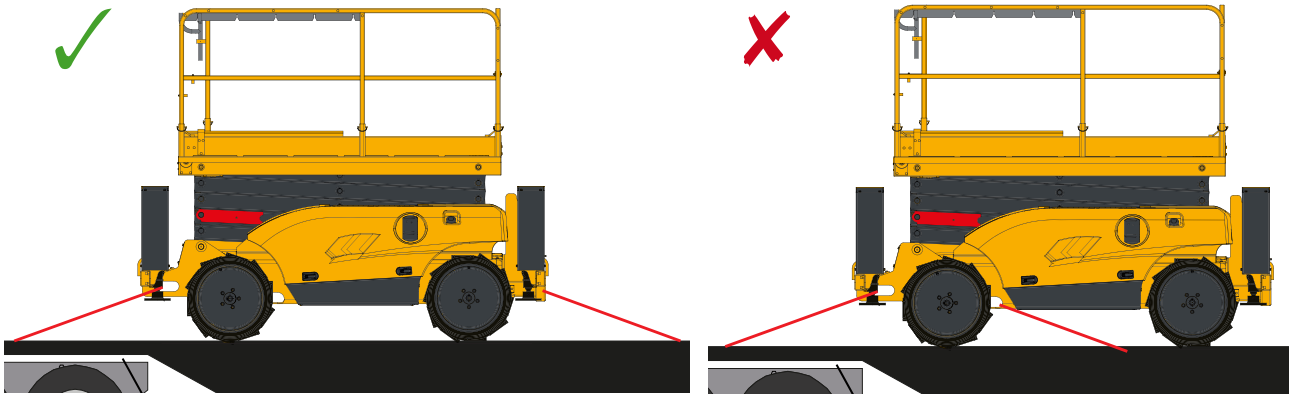
✓ Ensure locking pins are installed to prevent any movement during transport.



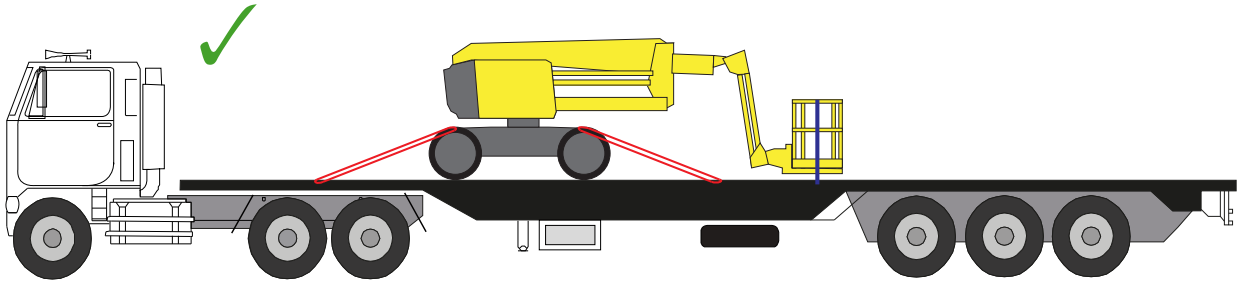
Single Chain Arrangement

✓ Lashing protection may be required to prevent damage to the plant when using chain.

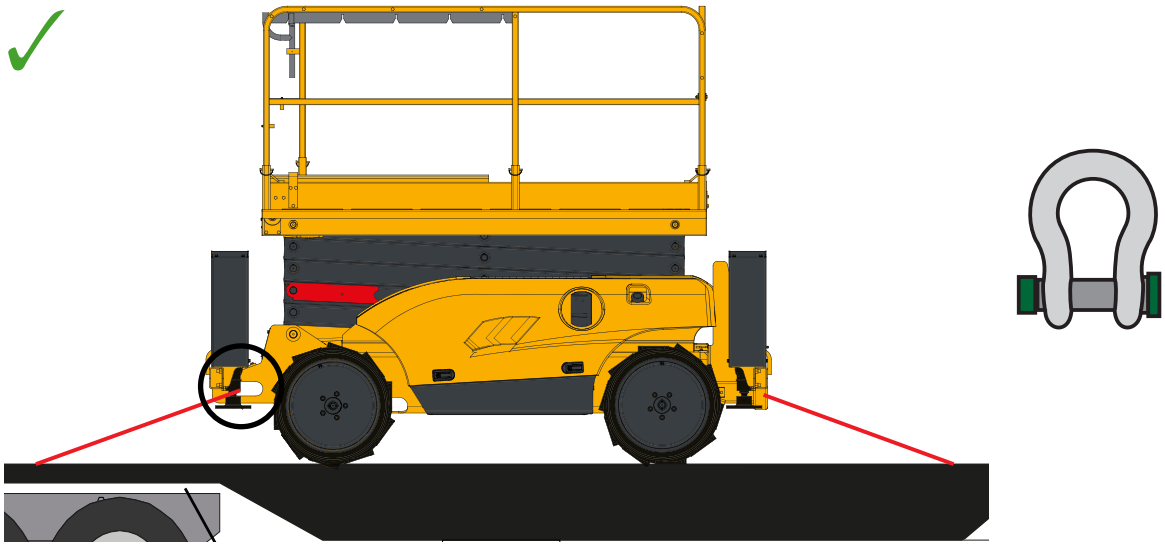
Key Elements (continued)



Attach two chains to the rear and two chains to the front of the elevated work platform.



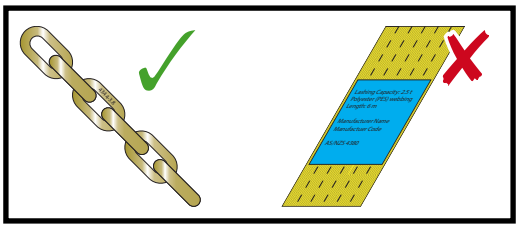
Elevated Work Platforms with booms must have them facing away from the prime mover.



Dedicated lashing points, axles and ROPs are suitable lashing points.

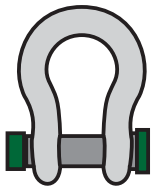
Scissor Lift - Dingli S06-ES (Chain Only)

- ✓ Maximum mass of up to 2,000kg.



- ✓ Minimum 8 mm transport chains tensioned tight by standard load binder.

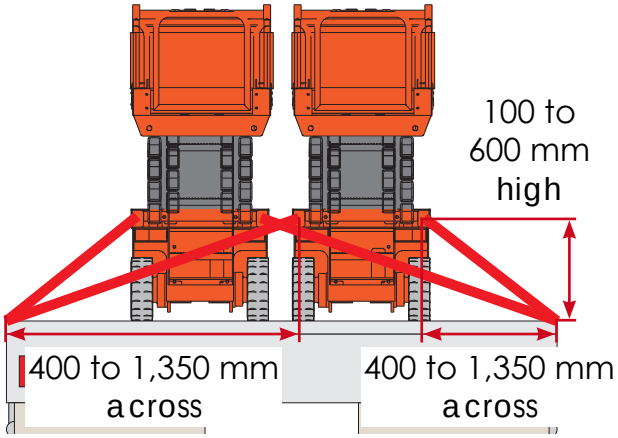
- ✓ Where chain access is restricted ensure shackles have a minimum W.L.L of 2.5 t and are used through tie down points.



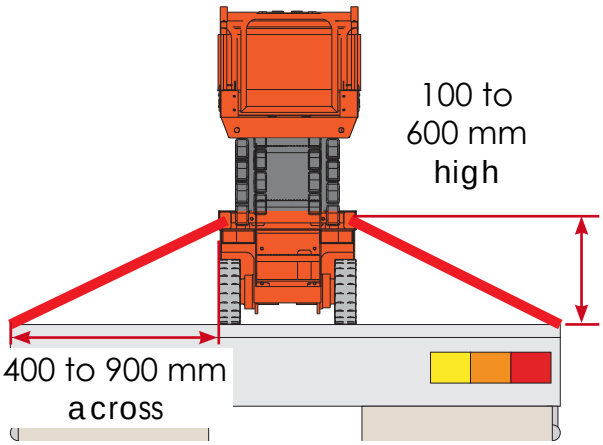
- ✓ Single Length chain arrangement.

- ✓ Ensure chains are within the outlined ranges below:

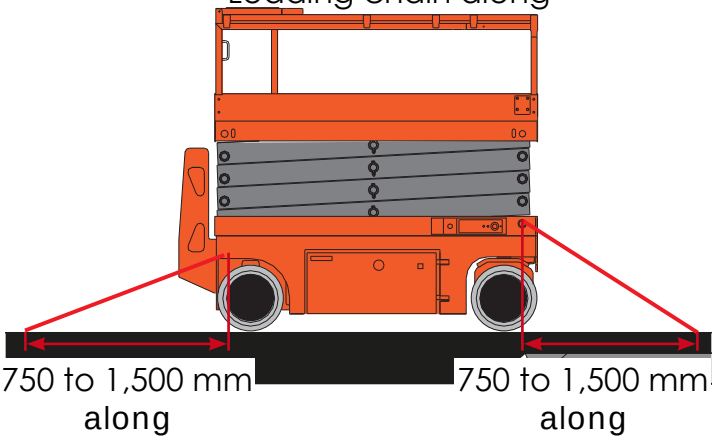
Longitudinal Two Abreast



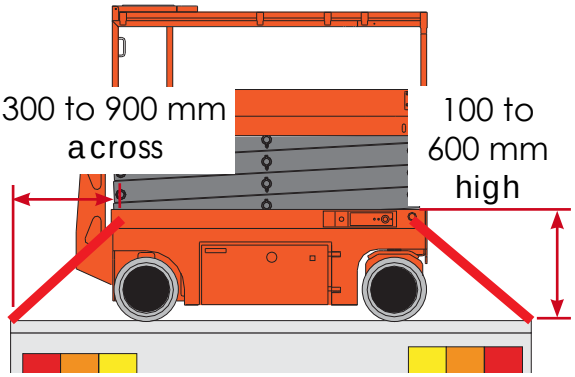
Longitudinal Single File



Lateral and longitudinal Loading chain along

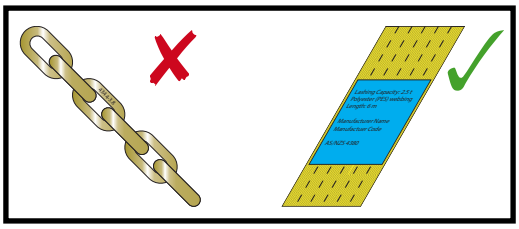


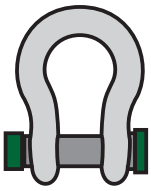
Lateral Single File

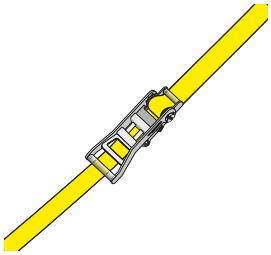


Scissor Lift - Dingli S06-ES (Webbing Only)

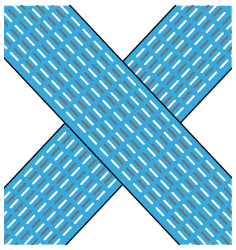
- ✓ Maximum mass of up to 1,600kg.
- ✓ Minimum 50 mm Webbing lashing with 2.5 t lashing capacity tensioned tight by standard Tensioner.
- ✓ Where strap access is restricted ensure shackles have a minimum W.L.L of 2.5 t and are used through tie down points.







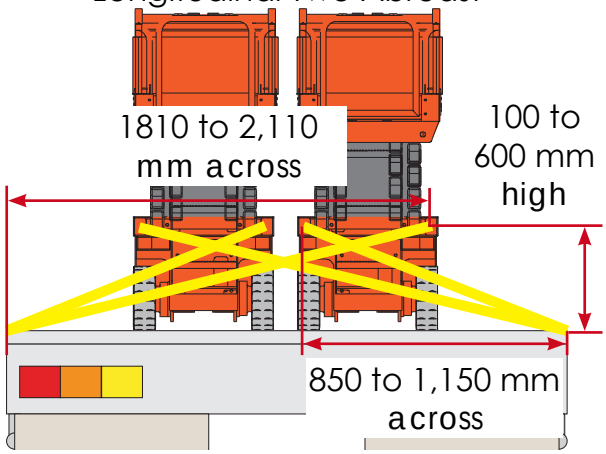
To prevent abrasion ensure webbing straps do not rub together



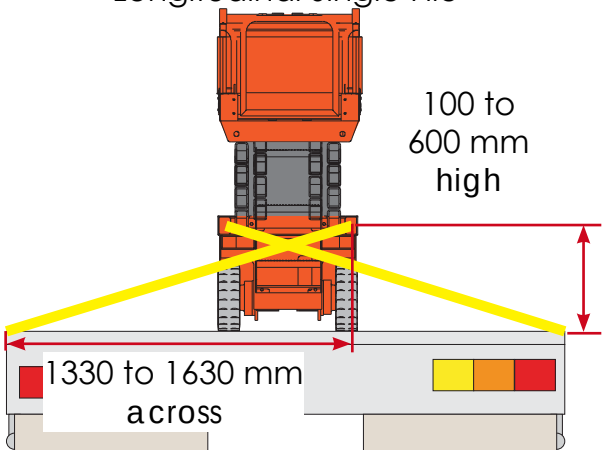
✓ Single Length webbing Arrangement.

✓ Ensure straps are within the outlined ranges below:

Longitudinal Two Abreast

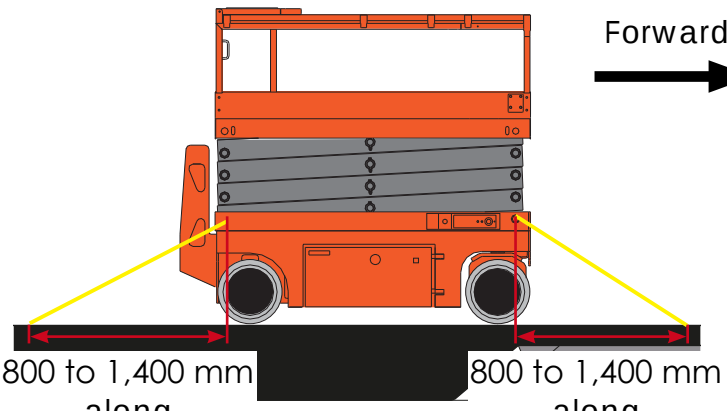


Longitudinal Single File



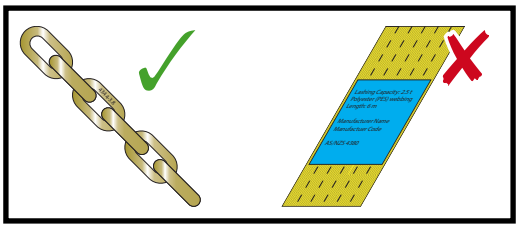
Lateral and longitudinal Loading chain along

Forwards



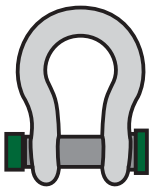
Scissor Lift - Haulotte Compact 10/12 DX

- ✓ Maximum mass of up to 4,000kg.



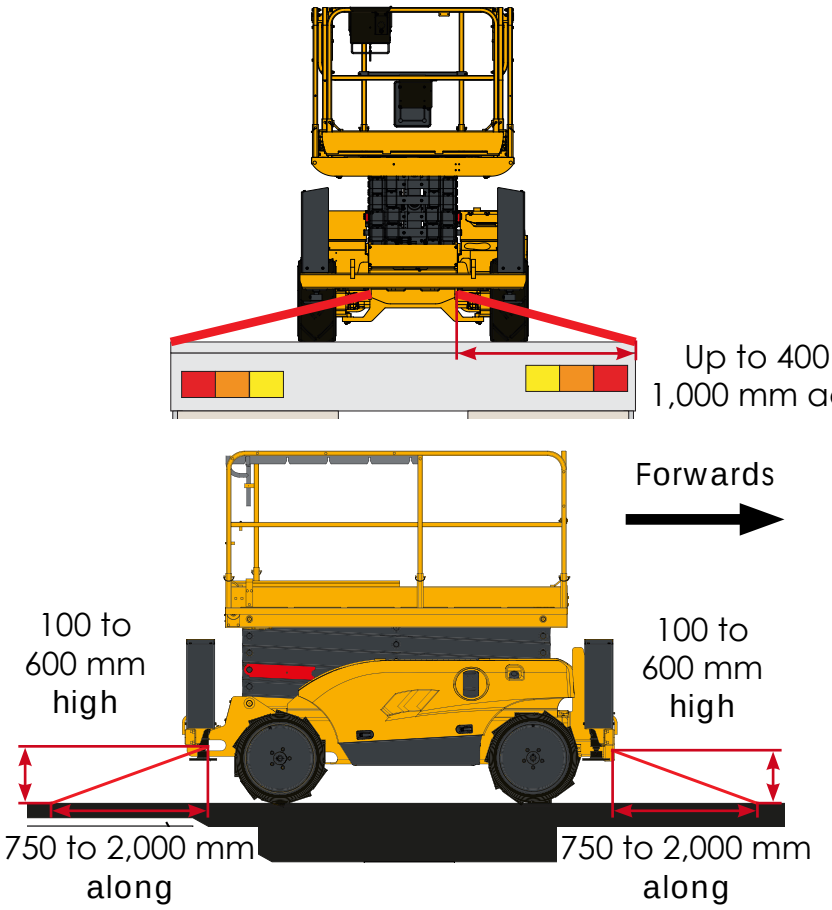
- ✓ Minimum 8 mm transport chains tensioned tight by standard load binder.

- ✓ Ensure shackles have a minimum W.L.L of 2.5 t and are used through tie down points.



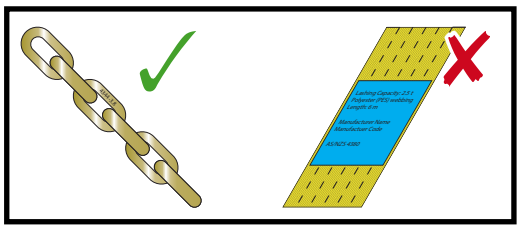
- ✓ Single Length chain arrangement.

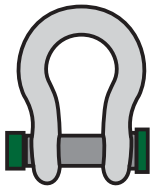
- ✓ Ensure chains are within the outlined ranges below:



Rough Terrain Boom Lift

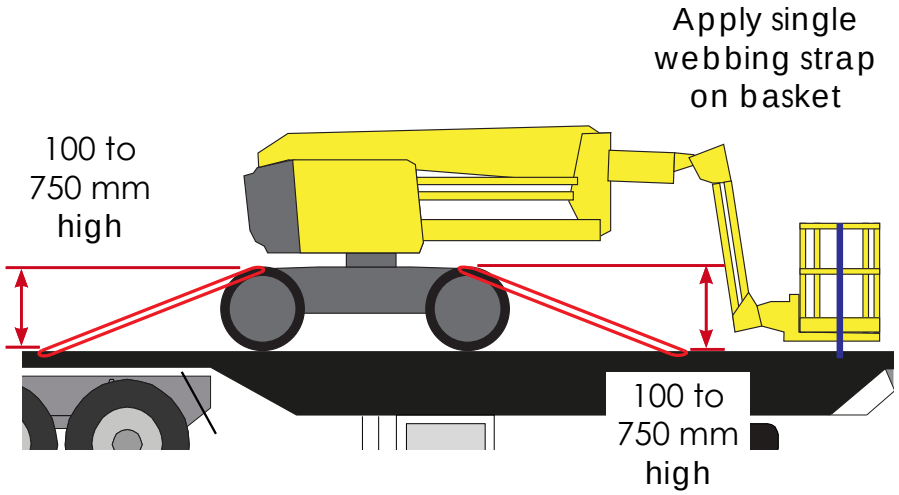
- ✓ Maximum mass of up to 7,600kg.
- ✓ Minimum 8 mm transport chains tensioned tight by standard load binder.
- ✓ Where chain access is restricted ensure shackles have a minimum W.L.L of 5.0 t and are used through tie down points.
- ✓ Ensure pins are installed to prevent any movement during transport.

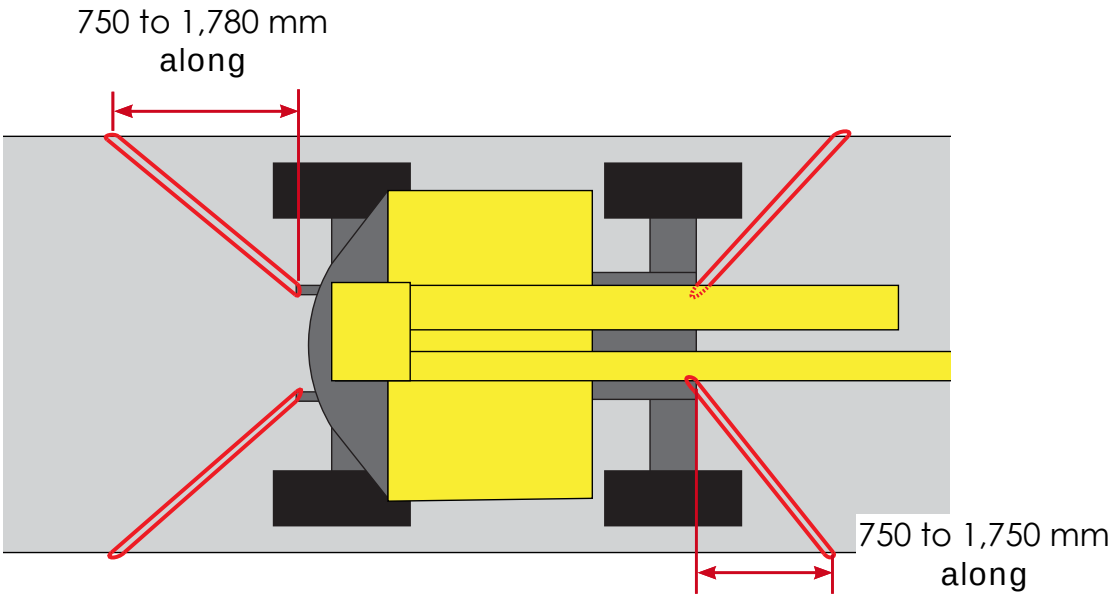




- ✓ Looped chain arrangement.

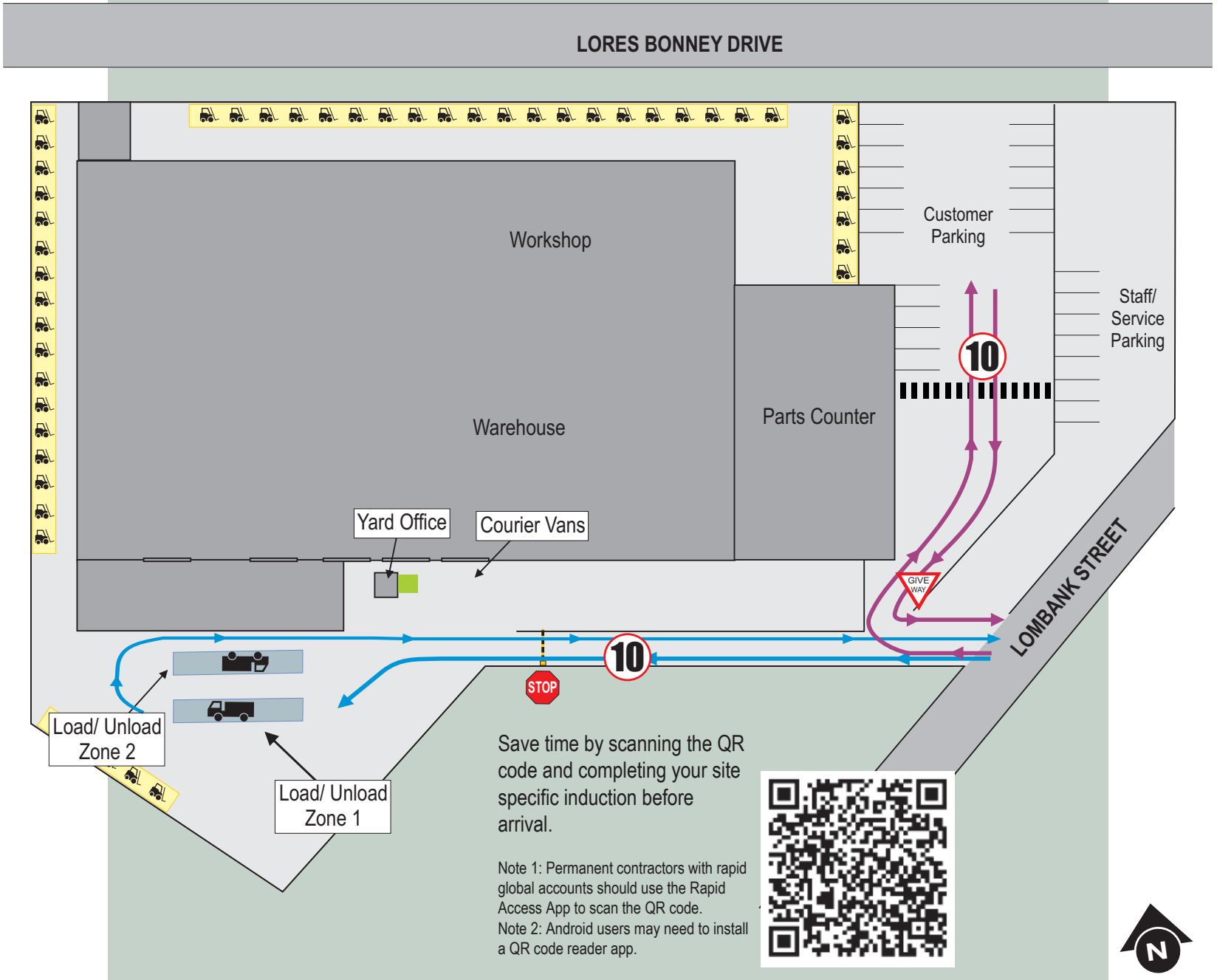
- ✓ Ensure chains are within the outlined ranges below:





Section 7 – Traffic Management Plans

TRAFFIC MANAGEMENT PLAN



adaptalift GROUP

ACACIA RIDGE

11 LOMBANK STREET,
ACACIA RIDGE QLD 4110

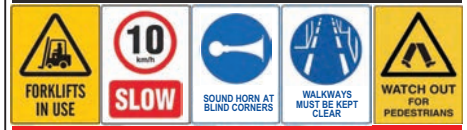
LEGEND

- TRANSPORT TRAFFIC
- CUSTOMER & VISITOR TRAFFIC
- PEDESTRIAN CROSSING
- SAFETY ZONE
- BOOM GATES
- LOADING/ UNLOADING ZONE
- FORKLIFT STORAGE
- 10 SITE SPEED LIMIT (KMS/HR)

⚠ CAUTION

THIS PROTECTIVE EQUIPMENT MUST BE WORN IN OPERATIONAL AREAS

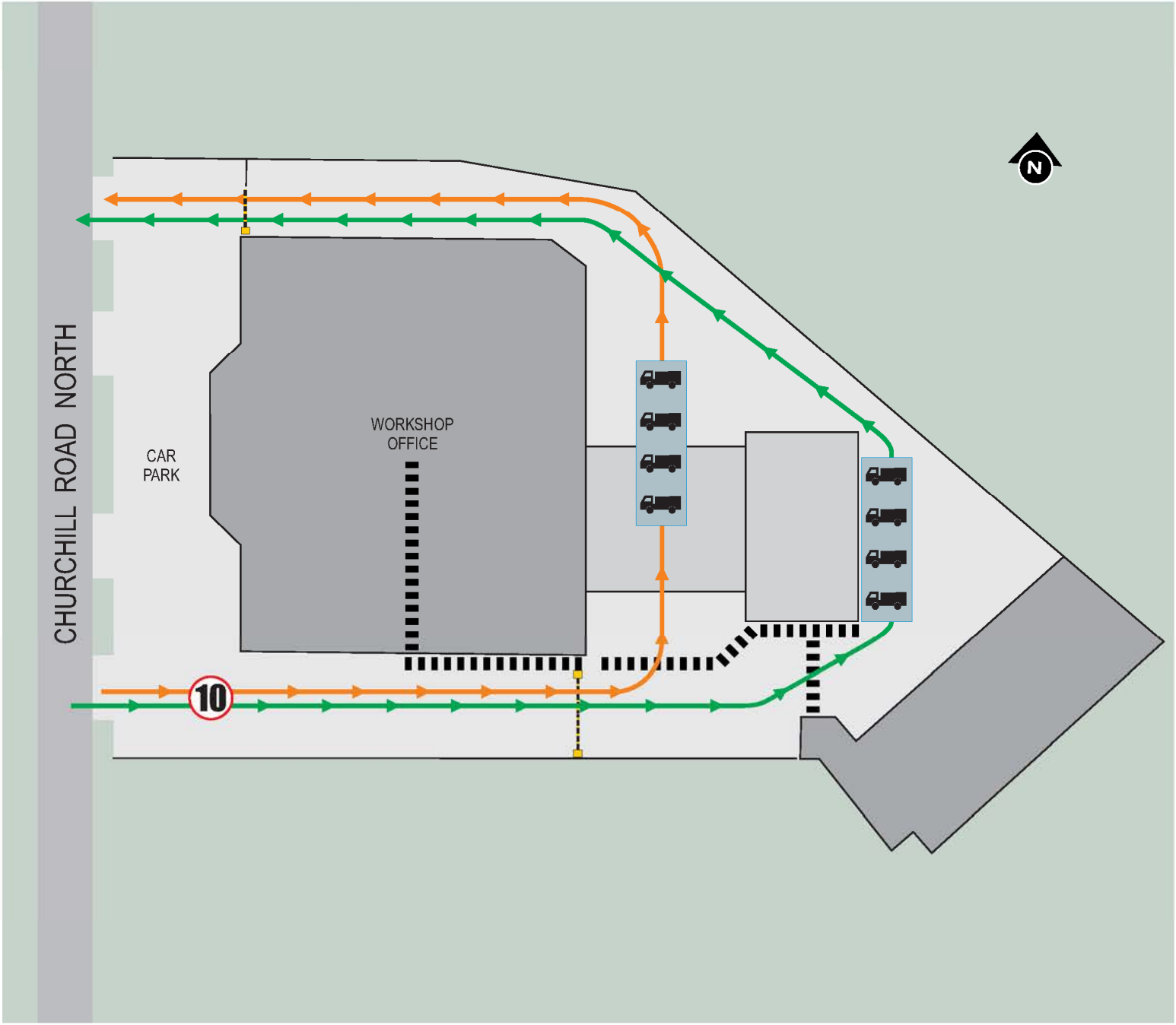
ALL VISITORS MUST REPORT TO RECEPTION



STRICTLY NO REVERSING VEHICLES IN OR OUT OF THE SITE

PRODUCED FOR ADAPTALIFT GROUP, JULY 2021 BY EMERGING GRAPHICS PTY LTD

TRAFFIC MANAGEMENT PLAN



adaptalift GROUP

DRY CREEK

18-22 CHURCHILL ROAD NORTH
DRY CREEK SA 5094

LEGEND

- TILT TRAY & PARTS
- SEMI TRAILER & FLOATS
- PEDESTRIAN CROSSING
- BOOM GATES
- LOADING/ UNLOADING ZONE
- 10 SITE SPEED LIMIT (Km/h)

THIS PROTECTIVE EQUIPMENT MUST BE WORN IN OPERATIONAL AREAS

NO UNAUTHORISED ACCESS BEYOND GATES | EYE PROTECTION MUST BE WORN | HI-VIS & LONG SLEEVE CLOTHING MUST BE WORN | STEEL CAP FOOT PROTECTION MUST BE WORN | DO NOT USE MOBILE PHONES IN OPERATIONAL ZONES

⚠ CAUTION

FORKLIFTS IN USE | 10 SLOW | SOUND HORN AT BLIND CORNERS | PEDESTRIANS MUST USE DESIGNATED WALKWAYS | WATCH OUT FOR PEDESTRIANS

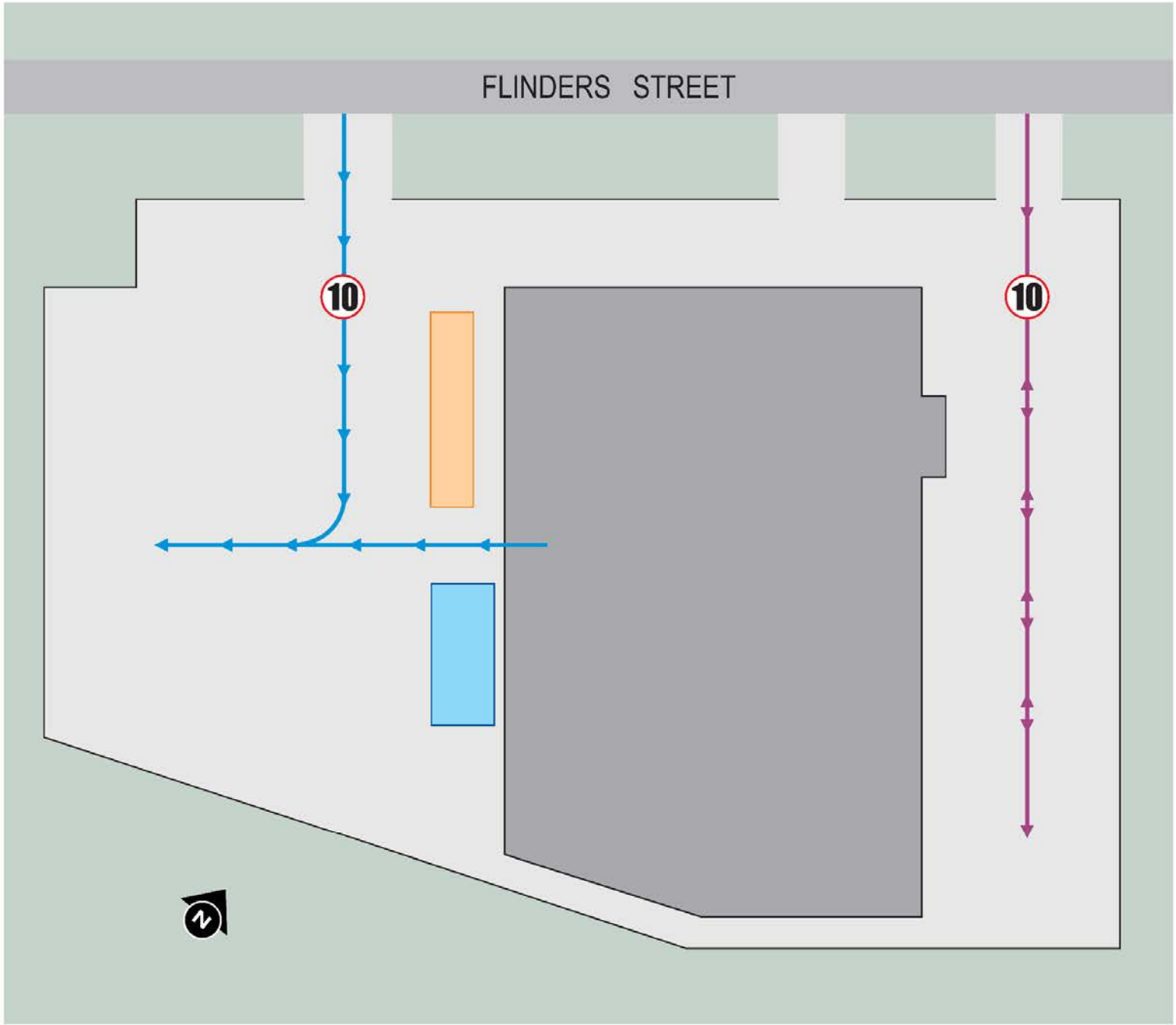
ALL VISITORS & CONTRACTORS MUST REPORT TO THE OFFICE

STRICTLY NO REVERSING VEHICLES IN OR OUT OF THE SITE

REPORT ALL HAZARDS & INCIDENTS

PRODUCED FOR ADAPTALIFT GROUP, APRIL 2023 BY EMERGING GRAPHICS PTY LTD

TRAFFIC MANAGEMENT PLAN



adaptalift GROUP

PORT KEMBLA

20 FLINDERS STREET,
PORT KEMBLA NSW 2505

LEGEND

- TRANSPORT TRAFFIC
- CUSTOMER & VISITOR TRAFFIC
- CONTAINER LAY DOWN
- WASH BAY
- LOADING/ UNLOADING ZONE
- 10 SITE SPEED LIMIT (KMS/HR)

THIS PROTECTIVE EQUIPMENT MUST BE WORN IN OPERATIONAL AREAS

⚠ CAUTION

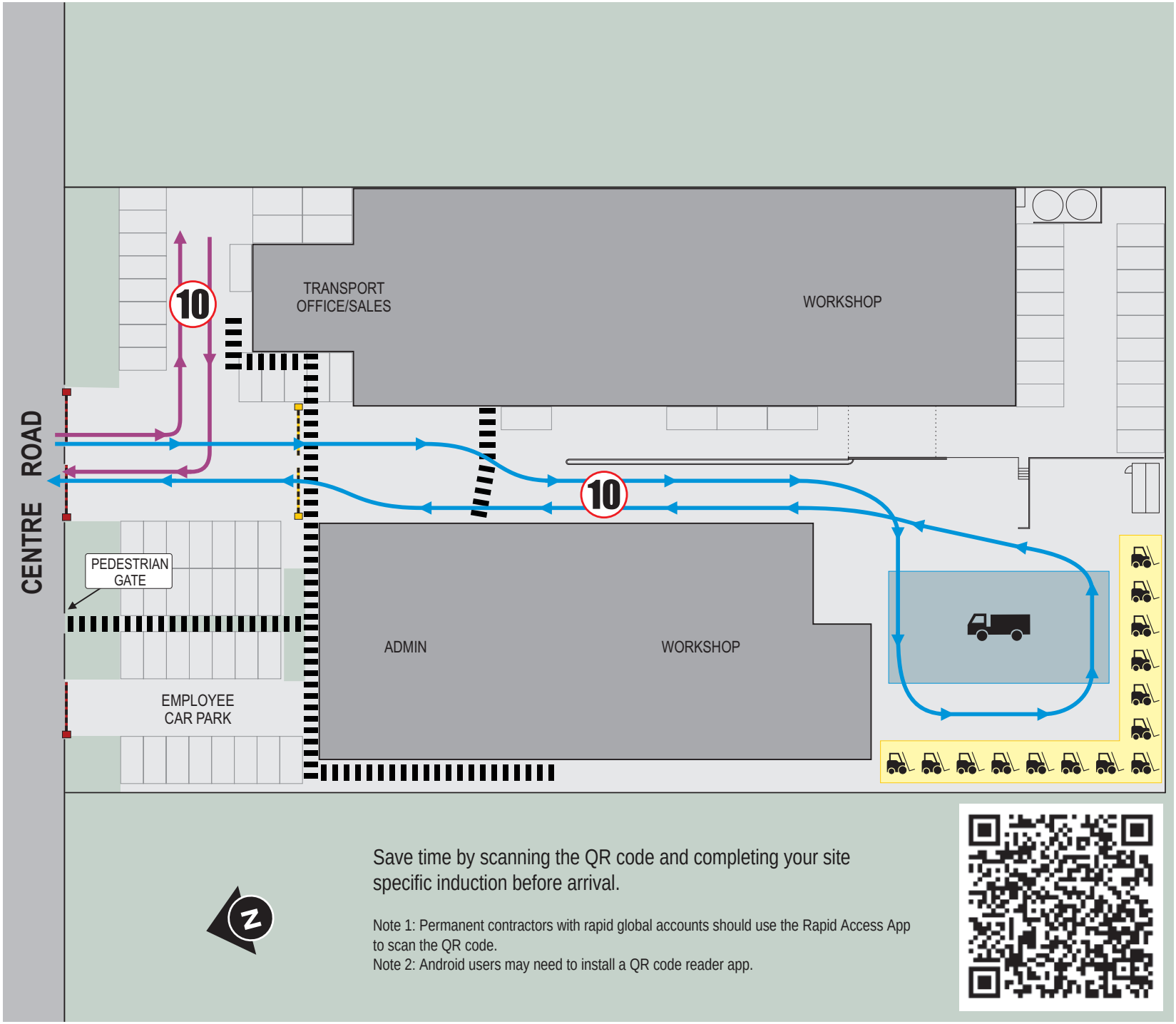
ALL VISITORS & CONTRACTORS MUST REPORT TO THE OFFICE

STRICTLY NO REVERSING VEHICLES IN OR OUT OF THE SITE

REPORT ALL HAZARDS & INCIDENTS

PRODUCED FOR ADAPTALIFT GROUP, MAY 2023 BY EMERGING GRAPHICS PTY LTD

TRAFFIC MANAGEMENT PLAN



Save time by scanning the QR code and completing your site specific induction before arrival.

Note 1: Permanent contractors with rapid global accounts should use the Rapid Access App to scan the QR code.
Note 2: Android users may need to install a QR code reader app.

adaptalift GROUP

SPRINGVALE

1574 - 1578 CENTRE ROAD,
SPRINGVALE VIC 3171

LEGEND

- TRANSPORT TRAFFIC
- CUSTOMER & VISITOR TRAFFIC
- PEDESTRIAN CROSSING
- SECURITY GATES
- BOOM GATES
- LOADING/ UNLOADING ZONE
- FORKLIFT STORAGE
- 10 SITE SPEED LIMIT (KMS/HR)

THIS PROTECTIVE EQUIPMENT MUST BE WORN IN OPERATIONAL AREAS

⚠ CAUTION

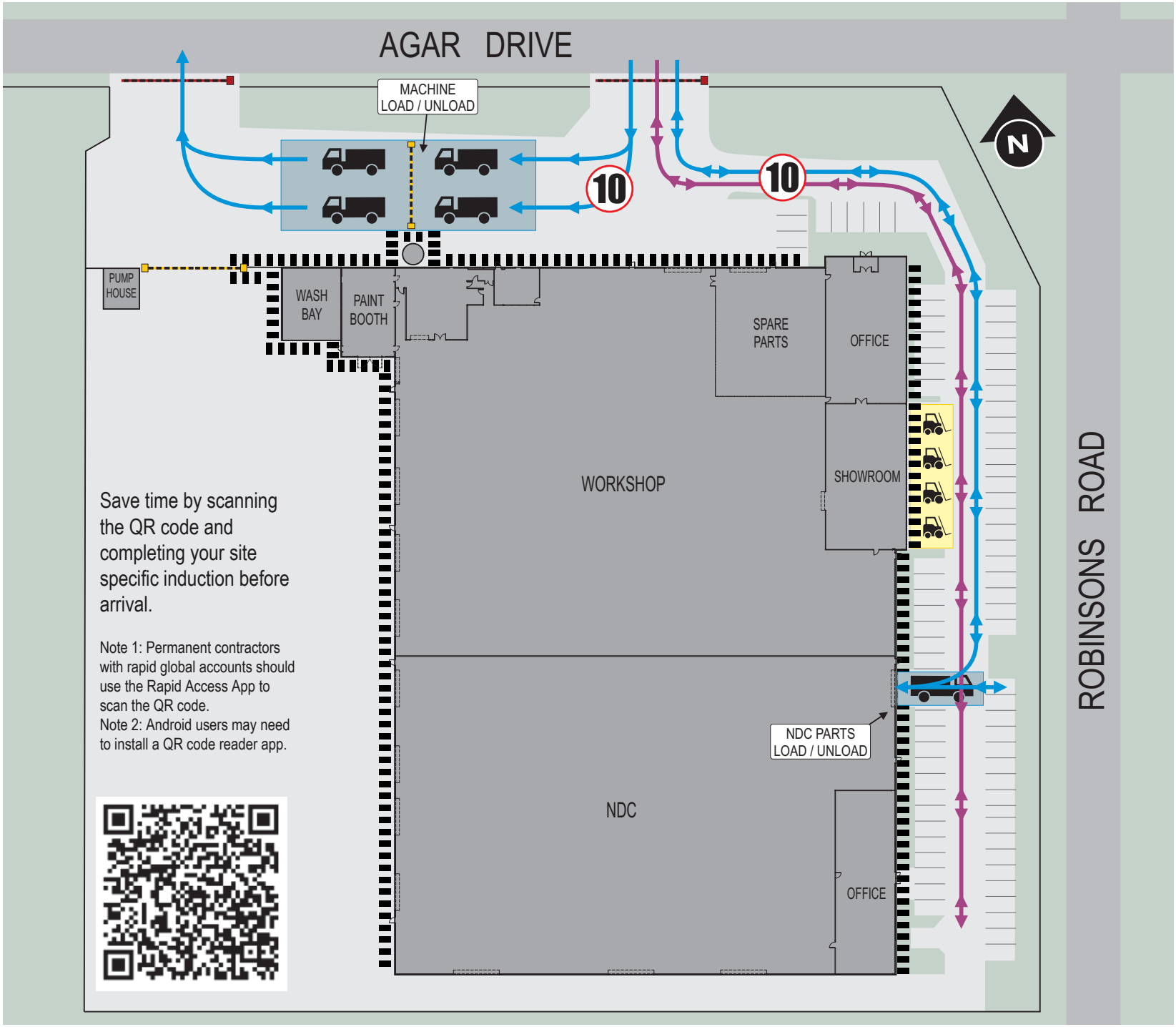
ALL VISITORS & CONTRACTORS MUST REPORT TO THE OFFICE

STRICTLY NO REVERSING VEHICLES IN OR OUT OF THE SITE

REPORT ALL HAZARDS & INCIDENTS

PRODUCED FOR ADAPTALIFT GROUP, OCTOBER 2021 BY EMERGING GRAPHICS PTY LTD

TRAFFIC MANAGEMENT PLAN



adaptalift GROUP

TRUGANINA

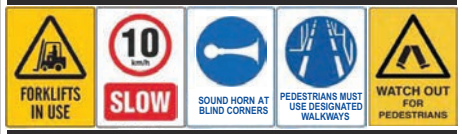
CORNER OF ROBINSONS AND AGAR DRIVES TRUGANINA VIC

LEGEND

- TRANSPORT TRAFFIC
- CUSTOMER & VISITOR TRAFFIC
- PEDESTRIAN CROSSING
- SECURITY GATES
- BOOM GATES
- LOADING/ UNLOADING ZONE
- FORKLIFT STORAGE
- 10 SITE SPEED LIMIT (KMS/HR)

THIS PROTECTIVE EQUIPMENT MUST BE WORN IN OPERATIONAL AREAS

⚠ CAUTION



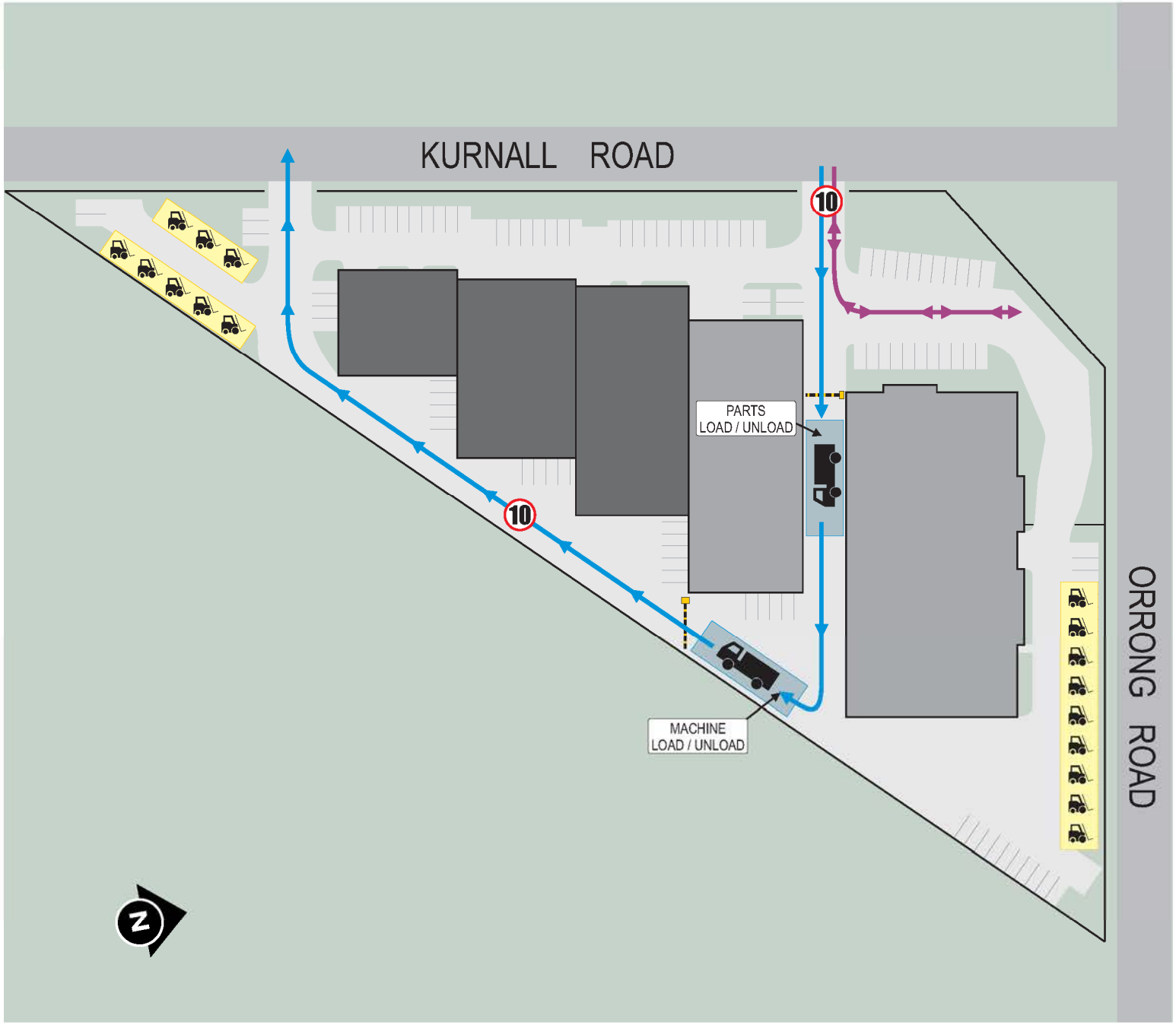
ALL VISITORS & CONTRACTORS MUST REPORT TO THE OFFICE

STRICTLY NO REVERSING VEHICLES IN OR OUT OF THE SITE

REPORT ALL HAZARDS & INCIDENTS

PRODUCED FOR ADAPTALIFT GROUP, NOVEMBER 2021 BY EMERGING GRAPHICS PTY LTD

TRAFFIC MANAGEMENT PLAN



adaptalift GROUP

WELSHPOOL

1/1-9 KURNALL ROAD,
WELSHPOOL WA 6106

LEGEND

- TRANSPORT TRAFFIC
- CUSTOMER & VISITOR TRAFFIC
- PEDESTRIAN CROSSING
- BOOM GATES
- LOADING/ UNLOADING ZONE
- FORKLIFT STORAGE
- 10 SITE SPEED LIMIT (KMS/HR)

THIS PROTECTIVE EQUIPMENT MUST BE WORN IN OPERATIONAL AREAS

NO UNAUTHORISED ACCESS BEYOND GATES | EYE PROTECTION MUST BE WORN | HI-VIS & LONG SLEEVE CLOTHING MUST BE WORN | STEEL CAP FOOT PROTECTION MUST BE WORN | DO NOT USE MOBILE PHONES IN OPERATIONAL ZONES

⚠ CAUTION

FORKLIFTS IN USE | 10 SLOW | SOUND HORN AT BLIND CORNERS | PEDESTRIANS MUST USE DESIGNATED WALKWAYS | WATCH OUT FOR PEDESTRIANS

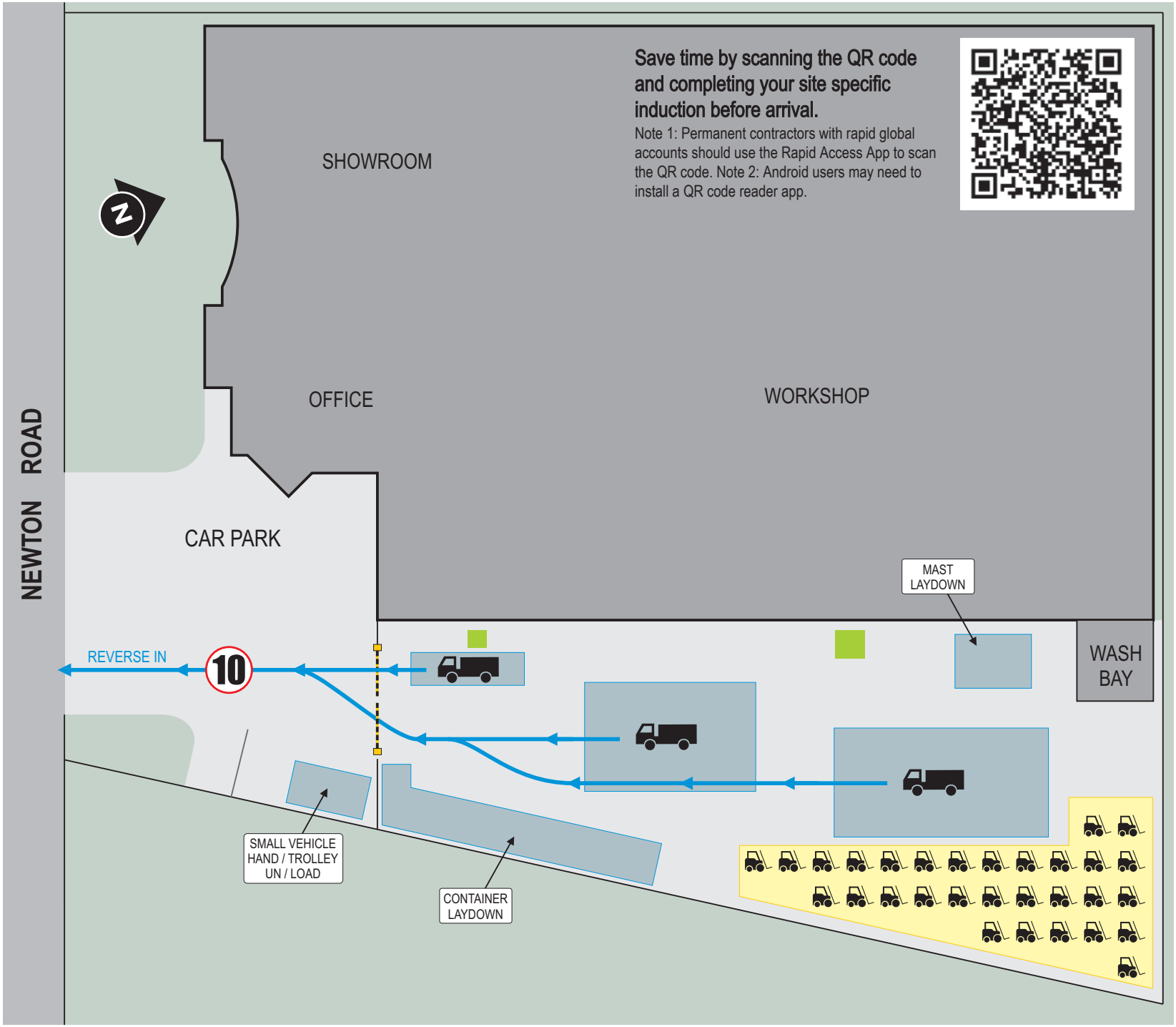
ALL VISITORS & CONTRACTORS MUST REPORT TO THE OFFICE

STRICTLY NO REVERSING VEHICLES IN OR OUT OF THE SITE

REPORT ALL HAZARDS & INCIDENTS

PRODUCED FOR ADAPTALIFT GROUP, MARCH 2021 BY EMERGING GRAPHICS PTY LTD

TRAFFIC MANAGEMENT PLAN



adaptalift GROUP

WETHERILL PARK

219 NEWTON ROAD,
WETHERILL PARK NSW 2164

LEGEND

- TRANSPORT TRAFFIC
- SAFETY ZONE
- BOOM GATES
- LOADING/ UNLOADING ZONE
- FORKLIFT STORAGE
- 10 SITE SPEED LIMIT (KMS/HR)

THIS PROTECTIVE EQUIPMENT MUST BE WORN IN OPERATIONAL AREAS

⚠ CAUTION

ALL VISITORS & CONTRACTORS MUST REPORT TO THE OFFICE

LARGE VEHICLES MUST REVERSE INTO LOADING ZONE

REPORT ALL HAZARDS & INCIDENTS

PRODUCED FOR ADAPTALIFT GROUP, OCTOBER 2021 BY EMERGING GRAPHICS PTY LTD