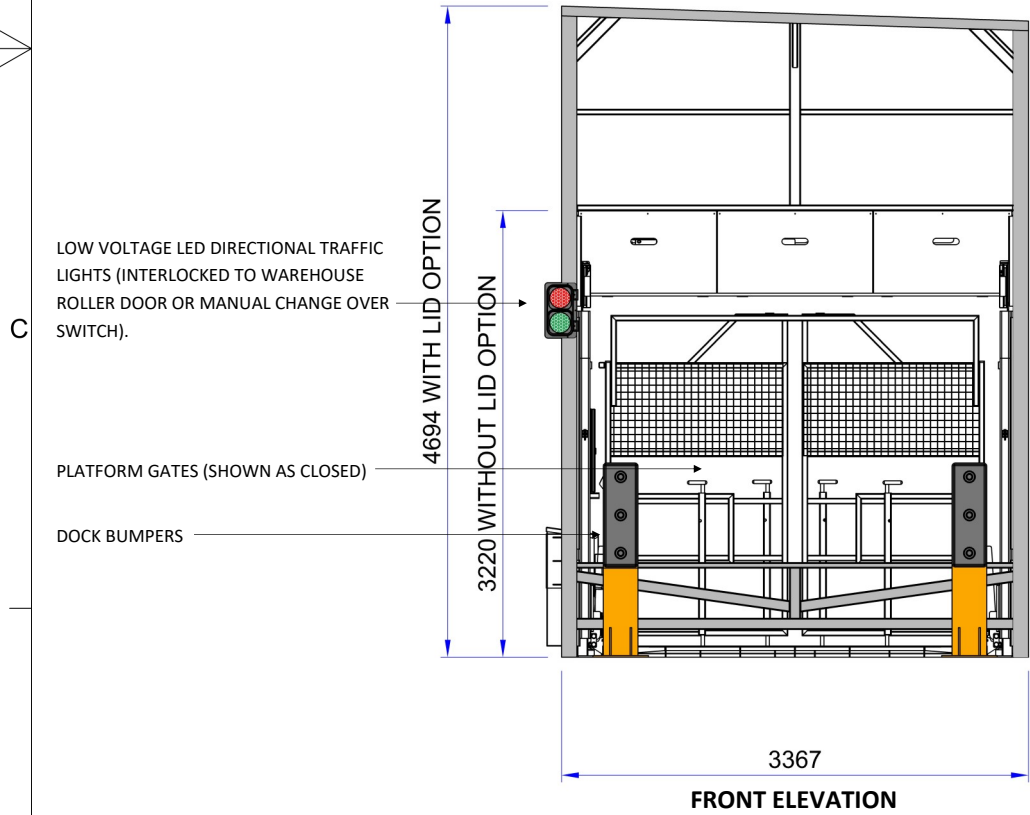




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FRONT ELEVATION

4T V2G Yard Lift: 6 Pallet Footprint Unit Specification/Technical Data

General Specification

This model of yard lift is designed with the following considerations and requirements

- To eliminate civil engineering works as associated with traditional scissor lifts.
- To service HGV trailers with finished floor levels of 800mm up to 1600mm onto yard/warehouse slab of level access DCs, retail outlets and distribution centres.
- To be modular in its build enabling rapid installation to reduce onsite disruption. (The unit comprises of a base section and a lid to form the Loadhouse and lift).
- Loadhouse roof designs may vary to suit location such as store or DC canopies.
- Relocatable from site to site and/or bay to bay in a couple of days.

Operating Range: 800mm to 1600mm suitable for powered deck trailers, rigid and articulated vehicles

Lifting Speed: 90mm/s raising and lowering.

Unlike scissor lifts, lift speed is linear throughout the whole cycle of the lift stroke giving consistent and quicker travel times.

Operation: Lift platform for lifting and lowering of goods and operators.

Capacity: 4000kg UDL

Configuration: 5 pallets and operator of 1200mm x 1000mm.

Location: External, Surface mounted onto goods yards or marrying up to the loading bay.
Internal, direct mounting onto warehouse slab.
No specialised pilings/foundations required.

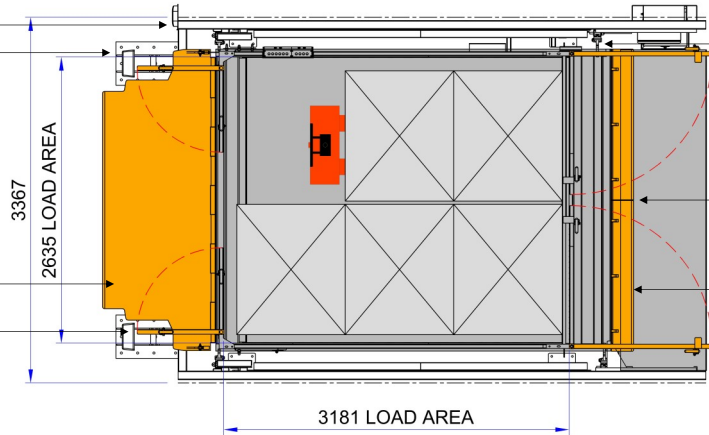
Overall external dimensions: 3727mm (W) x 4872mm (L) x 3170mm (H).
Width subject to cladding variations. Height subject to roof specification.

Platform dimensions loading area: 2600mm (W) x 3170mm (L).

Lift colours: External single skin cladding in grey—Goosewing Grey BS 10A05.
Exterior framework/interior framework and platform—Goose Grey BS 00A05.
(other colours available on request).

CLADDING, OFFSET = 30mm.
LIFT CONTROL STATION.

BRIDGEPLATE (SHOWN AS LOWERED).
PLATFORM GATES (SHOWN AS OPEN).



INCOMING MAINS SUPPLY. 415V 32A TYPE D MCB.

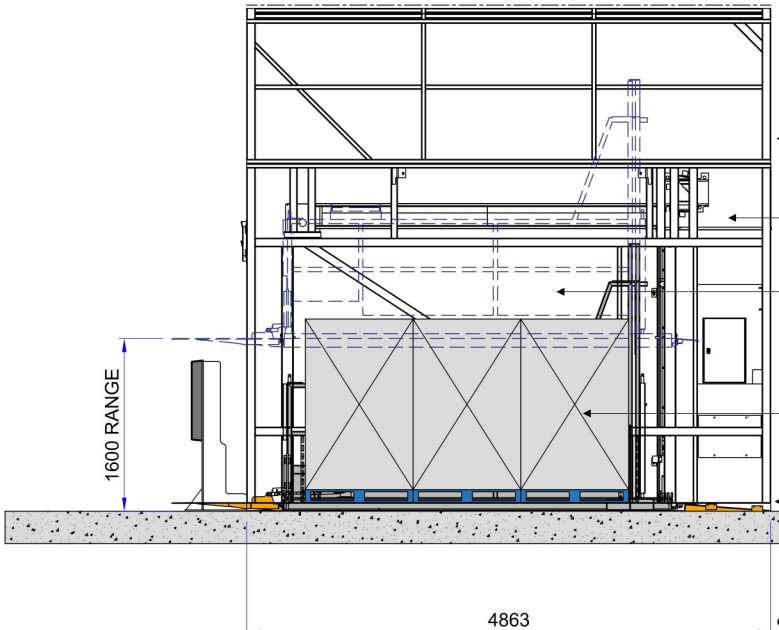
MECHANICAL GATE STOP TO PREVENT
OUTWARD OPENING OF GATES WHEN
AWAY FROM DOCK LEVEL.

BRIDGING FLAPS.

PLATFORM GATES (SHOWN OPEN).

PLAN

VEHICLE END



WAREHOUSE END

LID MODULE OPTIONAL DEPENDANT ON SITE

RAM BOX

PLATFORM SIDES FULLY CLAD TO
PROTECT GOODS

1200mm x 1000mm PALLETS

FIXED ACCESS RAMP
WAREHOUSE/YARD SLAB

SECTION THROUGH LIFT SHOWING PLATFORM SERVICE RANGE

07					
06					
05					
04					
03					
02					
REV No.	REV CODE	REVISION NOTE	DATE	CHANGE BY	



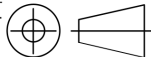
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GENERAL NOTES

- WELDING SYMBOLS STANDARD TO ISO 2553 METHOD B.
- REMOVE ALL BURRS AND SHARP EDGES.
- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- THIRD ANGLE PROJECTION.



MATERIAL:
N/A

FINISH: N/A

WELDING SPEC: BS EN 1011-1:1998 & BS EN 1011-2:2001

TOLERANCES UNLESS OTHERWISE STATED

MACHINING: ± 0.5 ANGULAR: ± 0.5°

FABRICATION & STRUCTURAL

UP TO 300: ± 1 1001 UP TO 2000: ± 3

301 TO 1000: ± 2 OVER 2000: ± 5

DRAWN BY: AK

DATE: 03/06/2020

SCALE: N/A

ESTIMATED WEIGHT: N/A

SHEET: 1 of 1

PROJECT:

4T V2G Yard Lift

A3

BORDER
VERSION:
5

TITLE:

4T V2G Yard Lift

Specification/Technical Data

DRG. No.

6_Pallet_V2G_4T_1

REVISION:

01