V2G Series: 8 Pallet Footprint Unit Specification/Technical Data

General Specification

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

- To eliminate civil engineering works as associated with traditional scissor lifts.
- To service double deck trailers with finished floor levels of 150mm up to 3125mm into loading bays of level access DCs, retail outlets and distribution centres.
- Provision can also be made to run through from warehouse onto yard.
- 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: 150mm to 3125mm suitable for double deck trailers, rigid and articulated vehicles including European specification trailers (Provision can be made to run through from yard onto lift with the inclusion of a bridge plate ramp).

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: 5800kg UDL

Configuration: 8 pallets of 1200mm x 1000mm, weighing 725kg (max).

In conjunction with MHE the units can also accommodate 15 wheeled roll cages of 860mm x 750mm, weighing 387kg (max) each plus operators-no passengers.

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: 3920mm (W) x 7200mm (L) x 5650mm (H). Width subject to cladding variations. Height subject to roof specification.

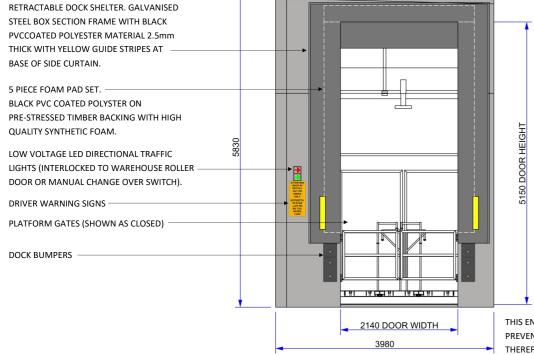
Platform dimensions loading area: 2500mm (W) x 4970mm (L).

Plus a separate operator walkway from the rear to the front of the moving platform.

Personnel walkway: Provides constant segregated access for operators between vehicle and dock without the loss of any

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 INCOMING MAINS SUPPLY. 415V 32A Type D MCB. INWARD OPENING INTERLOCKED SAFETY WAI KWAY LIFT CONTROL STATION. GATE. PROVIDING ACCESS TO PLATFORM AND EMERGANCY LADDER DURING PLATFORM GATES (SHOWN AS OPEN). OPERATION. MECHANICAL GATE STOP TO PREVENT OUTWARD OPENING OF GATES WHEN AWAY FROM DOCK LEVEL. BRIDGEPLATE (SHOWN AS LOWERED). BRIDGING FLAPS. PLATFORM GATES (SHOWN OPEN). 4975 LOAD AREA



THIS END IS CLAD WITH SOLID STEEL PLATE TO PREVENT DAMAGE FROM REVERSING TRUCKS. THEREFORE NO SHEETING IS REQUIRED OTHER THAN 200mm CORNER AND FLOOR PERIMETER FLASHINGS

VEHICLE END WAREHOUSE END LID MODULE OPTIONAL DEPENDANT UPON SITE. **EMERGENCY ACCESS LADDER** RAM BOX PLATFORM SIDES FULLY CLAD TO PROTECT GOODS 1200mm x 1000mm PALLETS FIXED ACCESS RAMP 7232 FRAME 7968 INCL. RAMP

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GENERAL NOTES

- REMOVE ALL BURRS AND SHARP EDGES.
- THIRD ANGLE

MATERIAL

301 TO 1000: ±2

WELDING SYMBOLS STANDARD TO ISO 2553 METHOD B.

FINISH: N/A DRAWN BY AK 03/06/2020 BS EN 1011-1:1998 & BS EN 1011-2:2001 DATE: WELDING SPEC TOLERANCES UNLESS OTHERWISE STATED SCALE N/A MACHINING: ±0.5 ANGULAR: ± 0.5 ESTIMATED DRG. No. **FABRICATION & STRUCTURAL** N/A WEIGHT UP TO 300: ±1 1001 UP TO 2000: ±3 1 of 1 SHEET

OVER 2000: ±5

8 Pallet Double Deck V2G Loadhouses 8 Pallet Double Deck V2G Loadhouses Specification/Technical Data

SECTION THROUGH LIFT SHOWING PLATFORM SERVICE RANGE

PLAN

8_Pallet_V2G_5.8T_1

REVISION:

01