

HÖRMANN

transDEK
...modular loading solutions



4-PALLET V2G (Vehicle-To-Ground) Yard Lift

Faster, safer, weatherproof loading at your level-access sites

Modular, surface-mounted, pit-free loadhouse – services all vehicle types

OUR NEW 4-PALLET V2G YARD LIFT ▲

Safe, fast, secure and cost-effective vehicle-to-floor loading at your level-access sites

Our 4-Pallet V2G Yard Lift (6-pallet footprint) offers you unrivalled loading speed, safety and security at level-access retail outlets, factories and DC's – all for a highly competitive price.

It provides your loaders and drivers with a contained, weatherproof and (optionally) temperature-controlled loading environment. Each unit is supplied as a modular, pre-clad pod* that is installed straight on to yard or warehouse floor for internal or external use.

Stress-engineered, CE-plated and built to conform to the Machinery Directive and all relevant EN/BS standards, our 4-Pallet V2G will load all your vehicles – from home delivery vans to double deckers – to/ from ground level, and will give you a lifetime of reliable service.



- Loading speed 3-5 x faster than taillifts
- Lift speed 2 x faster than scissor lifts
- Multi-vehicle, versatile loading
- Safety: CE or UKCA marked, built in conformity with BS/EN standards, The Machinery Directive 2006/42/EC & The Supply of Machinery (Safety) Regulations 2008
- Enhanced safety features and ergonomics
- Safer, more cost-effective alternative to forklift loading

* International patents granted and pending

FASTER, SAFER, MORE SECURE LOADING



MODULAR, SURFACE-MOUNTED, PLUG-AND-PLAY UNITS* - FITTED IN JUST HALF A DAY

Our 4-Pallet V2G Yard Lift offers you unrivalled like-for-like loading speed, safety and reliability – compared to surface-mounted scissor lifts and tailifts.

It can also replace forklift operations at level access sites. In short, it provides exceptional loading performance, both in the warehouse or on the yard.

Compared to a conventional scissor lift, it raises/lowers at twice the speed, gives increased load capacity (6 pallets without operator), and includes: integrated fixed-ramp access, a hydraulic bridge plate, and HMI touch-screen controls with a rapid-diagnostic capability.

Loading on to the slimline lift platform is via a fixed, shallow-gradient steel-durbar access ramp. The 6-pallet lift footprint carries 4 pallets (9 roll cages) with an operator and hand pallet truck. And the lift speed itself is twice that of comparable scissor lifts.

Overall loading speed for a 13.6-metre artic is c. 15 minutes faster than a surface-mounted scissor lift. The unit's 4000kg raise-lower lift capacity is 60% higher than the upstroke on a '5000kg' scissor lift.

“Transdek’s 4-tonne V2G lifts provide our staff with a weather-proof loading environment, enable our drivers to load far more quickly than with a tail-lift, and have also allowed us to retain the main level access into the warehouse.”

Operations Manager at AF Blakemore

* International patents granted and pending

NIGHT DESK



HMI TOUCHSCREEN CONTROLS – WITH RAPID-DIAGNOSTICS* PICTOGRAM AND LIVE PLANT STATUS OVERVIEW



FIXED, SHALLOW LEAD-ON RAMP – SPEEDS UP LOADING AND MINIMISES MANUAL HANDLING



MAINTENANCE SAFETY PEGS: EASILY ACTIVATED FOR SAFE SERVICING



SURROUND SAFETY: FRONT MATERIAL GATES LOCK OUT TO PREVENT FALLS FROM BRIDGE PLATE



LED TRAFFIC LIGHTS: INTERLOCKED TO CONTROL PANEL (OPTIONAL)



LIGHT-BEAM EXCLUSION ZONE

ENHANCED SAFETY FEATURES

Our 4-pallet V2G lifts' rugged loadhouse superstructure, lift platform and front/rear material gates are all built to provide your loaders and drivers with the highest level of all-round safety and security. They are clad as standard to give weatherproofing – and the optional roof module gives full environmental protection in external applications.

Interlocked light-beam exclusion zones, material gates, bridge plate, safety strips, leading edge and (optionally) traffic lights all help to ensure operators' safety.

“Transdek’s V2G lift is the ideal solution with a higher lifting capacity to suit our operation; it has significantly increased our loading speed.”

Engineering Manager at Yodel



CLAD, ENCLOSED LOADHOUSE GIVES OPERATIVES A SHELTERED, WEATHERPROOF WORKING ENVIRONMENT



UNRIVALLED LOADING PERFORMANCE AT YOUR LEVEL-ACCESS SITES

FEATURES	CONVENTIONAL SCISSOR LIFT	TRANSDEK 4-PALLET V2G
Lift speed	40mm/s	80mm/s
Lift Capacity (inc operator)	3 Pallets	4 Pallets
SWL (upstroke)	2500kg	4000kg
Weatherproof	✗	✓
Integral lead-on ramp	✗	✓
Hydraulic bridge plate	✗	✓
Twin interlocked gates	✗	✓
HMI touchscreen controls	✗	✓
Rapid diagnostic pictogram	✗	✓
Maintenance	4 Rams	1 Ram

ADVANCED LOADING TECHNOLOGY AS STANDARD

As well as providing foolproof operating instructions, our HMI touchscreen controls give you the following:

- Rapid-diagnostics pictogram – clearly shows which electrical interlocks (if any) have been triggered. Increases self-fix rate and avoids unnecessary call-outs
- Live plant status of hydraulics/oil and rope failure devices
- History of alarms, faults and maintenance
- Remote fault-finding capability – optional mobile login for service engineers

“Transdek’s equipment has enabled us to reduce labour costs by freeing up our drivers more quickly.”

General Manager for Logistics at United Co-op



OUTLINE SPECIFICATION

4-Pallet V2G ▲

External Pod Dimensions	3727mm(w) x 4872mm (l) x 3230mm(h) (excl. roof module) – 4628mm(h) with roof; 4128mm (h) with Euro-spec roof
Platform Footprint	2600mm (w) x 3170mm (l) – (6 pallets)
Load Capacity	4 industry pallets plus operator and hand pallet truck (or roll cage equivalent)
Lifting Capacity	4000kg UDL raise/lower
Lift Range	Ground to 1600mm
Lift Speed	80mm/s

4-PALLET V2G OPTIONS



▲ **Roof Module**

Weather-proof for exterior use



▲ **Vehicle Bumpers**

Anti-collision dock bollards



▲ **Traffic Lights**

24V directional LED lights



▲ **Loading Lamp**

24V LED lighting for load area



▲ **Aluminium Lining**

2mm lining beneath handrail



▲ **Mesh Sides**

50mm x 50mm 10-gauge



▲ **Steel Durbar Platform**

Heavy-duty operations



▲ **Wheel Guides**

Aligns vehicles on dock



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