



V2G YARD LIFTS

Vehicle-To-Ground Loading

Modular, pit-free lifts to load all goods vehicles at level-access sites

Installed straight on to your yard or warehouse floor in 1-3 days

FAST, SAFE LOADING AT YOUR LEVEL-ACCESS SITES

Award-winning modular loading for all vehicles - from home delivery vans to fixed double deck trailers

Our range of V2G Yard Lifts offers you an efficient, safe, reliable and cost-effective loading capability for all goods vehicles at your level-access sites.

Each V2G lift is supplied as a modular, plug-and-play loadhouse pod* that is fitted straight on to your yard or warehouse floor. External units can be sealed to your warehouse front to provide a sealed, weather-tight and (optionally) temperature-controlled continuum from vehicle to building.

Stress-engineered, CE-plated and supplied with safety features in accordance with all relevant BS/EN standards, our V2G lifts guarantee you a lifetime of reliable operation.



- Multi-vehicle, versatile loading
- Enhanced safety features and ergonomics
- Loading speed 4-6 x faster than taillifts
- Lift speed 2-3 x faster than scissor lifts
- Safer, more cost-effective alternative to forklift loading



* International patents granted and pending

5-Pallet V2G Lift Install

RAPID INSTALLATION STRAIGHT ON TO YOUR YARD OR WAREHOUSE FLOOR

Modular, pre-clad, pre-tested, plug-and-play units* fitted in 1 to 3 days

Our V2G Yard Lift range is designed specifically for quick and cost-effective installations at your level-access sites – without expensive, time-consuming civils. This capability also allow us to offer you units on short-term lease to accommodate seasonal peaks.

Each V2G unit is pre-assembled, pre-clad and pre-tested at our South Yorkshire factory, then delivered to you as a modular, self-contained loadhouse*. Base and roof sections are simply connected together*, bolted to the ground and secured and sealed to the warehouse front.

Even our largest, 13-pallet V2G lifts are fitted in just three days and can be easily uplifted and relocated to another site. In the event of a future move, this downstream flexibility ensures you get the full product lifetime out of your equipment and avoids dilapidation costs.

“We chose Transdek for this project based on their reputation for engineering quality and reliability. They have not let us down. The new V2G lift has significantly speeded up unloading and given us an extra bay. They managed the complete project, including design and ground works. We have been impressed with their professionalism throughout.”

Chief Executive at Fowler Welch



1 DAY INSTALL

UNRIVALLED LOADING SPEED AND SAFETY

DESIGNED TO ENHANCE YOUR LOADING EFFICIENCY

- Customised platform size: to suit your specific load configuration
- MHE-compatible: stress-engineered – high point load
- Integral fixed lead-on ramp: fast, direct access to/from lift platform
- Rapid diagnostics technology*: HMI touchscreen pictogram highlights any tripped interlocks
- Ergonomic material gate design: rugged, easy-use locking mechanisms

Surface-mounted modular pods for fast, safe vehicle-to-ground loading



FAST VEHICLE-TO-GROUND LOADING

- 25 minutes to un/load a single deck artic
- 45 minutes to un/load a double deck artic
- 4-6 x faster loading than taillift operations
- Single-ram hydraulics*: linear lift speed 100mm/s – 2-3 x faster than scissor lifts

“Transdek’s V2G Yard Lift has enabled us to shave around 90 minutes off the turnaround of our double deck trailers, which has boosted our site efficiency and means we can service more vehicles each day. Not only that, the V2G pod is fitted with a large number of safety features that give our loaders the best possible level of protection while they work.”

General Manager at A.F. Blakemore SPAR

* International patents granted and pending

SAFER, MORE COST-EFFECTIVE LOADING VS FORKLIFT

Your V2G pods provide a fixed loading point, minimising traffic movements onsite and significantly reducing the risk of being hit by a moving vehicle.

In addition, without the need for trained forklift drivers and onsite fuel storage, insurance premiums can be dramatically lower.



AWARD-WINNING SAFETY FOR LOADERS AND DRIVERS

- Electrically-interlocked: bridge plate, material gates and personnel gate; light-beam exclusion zone; safety contact strips beneath platform; 3 x emergency stop buttons; dock-edge toe guards; LED traffic lights; loadhouse doors (optional)
- Material gates: additional mechanical interlocks; robust locking mechanisms
- Bi-fold bridge plate* (option): safe access to open rear vehicle doors after docking
- Personnel walkway: segregated access vehicle to dock end of lift platform; inward-opening-only gate; fixed emergency egress ladder
- Platform-operated maintenance safety pegs*
- LED positional loading lamps
- Safety rails: along sides of bridge plate

BUILT TO GIVE YOU A LIFETIME OF RUGGED RELIABLE OPERATION

5-YEAR WARRANTY AS STANDARD

- Stress-engineered superstructure and all major components
- Lift platform: 6mm steel durbar with reinforced steel section sub-frame
- Integral vehicle bumpers with impact dispersal system*
- Bridge plate: 6/8mm reinforced steel durbar
- Low-maintenance hydraulics: powerful, single-ram design*; heavy-duty pulleys and dyform steel cables



“Transdek’s V2G lifts have significantly enhanced our warehouse productivity and increased logistics efficiency. With their engineering and manufacturing expertise, Transdek’s solution more than meets our current and future needs.”

Maintenance Manager at Boyes

DOUBLE DECK LIFT OPTIONS

Customised, added-value add-ons to enhance your loading operations

* International patents granted and pending



Heavy-Duty Bridge Plate
2000kg SWL for PPT use



Bi-Fold Bridge Plate*
Safely open doors after docking



Vandango Bridge Plate
Flexible loading vans-to-artics



Wheel Guides
Aligns vehicles on dock



Composite Panel Door
Insulated door option



Connect Dock Management*
Bespoke integrated IT software



Insulated Cladding
For temp-controlled operations



Inflatable Dock Shelter
Increases seal thermal integrity

OUR V2G YARD LIFT RANGE

Bespoke lift sizes to suit your specific operation

5-Pallet V2G

External Pod Dimensions	3920mm(w) x 5700mm (l) x 5650mm (h)
Platform Footprint	2500mm (w) x 3500mm (l) plus 500mm walkway
Load Capacity	5 industry pallets @ max. 1250kg each (or equiv.)
Lifting Capacity	6500kg UDL
Lift Range	150mm to 3125mm above ground level
Lift Speed	100mm/s raise/lower

7-Pallet V2G

External Pod Dimensions	3920mm(w) x 6700mm (l) x 5650mm (h)
Platform Footprint	2500mm (w) x 4470mm (l) plus 500mm walkway
Load Capacity	7 industry pallets @ max. 860kg each (or equiv.)
Lifting Capacity	6000kg UDL
Lift Range	150mm to 3125mm above ground level
Lift Speed	100mm/s raise/lower

8-Pallet V2G

External Pod Dimensions	3920mm(w) x 7200mm (l) x 5650mm (h)
Platform Footprint	2500mm (w) x 4970mm (l) plus 500mm walkway
Load Capacity	8 industry pallets @ max. 725kg each (or equiv.)
Lifting Capacity	5800kg UDL
Lift Range	150mm to 3125mm above ground level
Lift Speed	100mm/s raise/lower

9-Pallet V2G

External Pod Dimensions	3920mm(w) x 8400mm (l) x 5650mm (h)
Platform Footprint	2500mm (w) x 5470mm (l) plus 500mm walkway
Load Capacity	9 industry pallets @ max. 550kg each (or equiv.)
Lifting Capacity	5500kg UDL
Lift Range	150mm to 3125mm above ground level
Lift Speed	100mm/s raise/lower

12-Pallet V2G

External Pod Dimensions	3920mm(w) x 9200mm (l) x 5650mm (h)
Platform Footprint	2500mm (w) x 6900mm (l) plus 500mm walkway
Load Capacity	12 industry pallets @ max. 440kg each (or equiv.)
Lifting Capacity	5300kg UDL
Lift Range	150mm to 3125mm above ground level
Lift Speed	100mm/s raise/lower

13-Pallet V2G

External Pod Dimensions	4120mm(w) x 10000mm (l) x 5650mm (h)
Platform Footprint	2900mm (w) x 7600mm (l) plus 500mm walkway
Load Capacity	13 industry pallets @ max. 960 kg each (or equiv.)
Lifting Capacity	12500kg UDL
Lift Range	300mm to 3125mm above ground level
Lift Speed	100mm/s raise/lower

13-Pallet V2G The Pallet Lifter

External Pod Dimensions	4120mm(w) x 10000mm (l) x 5650mm (h)
Platform Footprint	3500mm (w) x 7600mm (l) - no walkway
Load Capacity	13 industry pallets @ max. 960kg each (or equiv.)
Lifting Capacity	12500kg UDL
Lift Range	300mm to 3125mm above ground level
Lift Speed	100mm/s raise/lower

NB: roof height is tailored to your application. Cut-down roof modules are used to accommodate low canopies and/or for internal operations. Roof modules may also be left off altogether.

* International patents granted and pending

NB: roof height tailored to your application



Vehicle Ramps
Accommodates yard gradients



Run-Through Ramp
Dock-to-yard access



Roller Shutter Door
Cost-effective door option



Adjustable Dock Shelter
Flexi-loading DD trailers to vans



Critical Spares Package
Supports in-house maintenance



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