



VDL Translift

Waste Collection Systems with modular design



VDL TRANSLIFT IS THE NETHERLANDS' MARKET LEADER IN THE FIELD OF WASTE COLLECTION VEHICLES WITH SIDELOADERS, FITTED WITH AN INNOVATIVE SCREW COMPACTOR. THE VDL TRANSLIFT COLLECTION SYSTEMS ARE DISTINGUISHED BY THEIR MODULAR DESIGN, WHICH MAKES IT POSSIBLE TO PROVIDE A SUITABLE SYSTEM FOR EVERY COLLECTION METHOD AND ANY DEPLOYMENT SITUATION. IN ADDITION TO A DEMOUNTABLE BODY (IES) OR FIXED BODY (FS), THE LOADING METHOD CAN ALSO BE CHANGED EASILY THANKS TO THE MODULAR CONSTRUCTION OF THE SIDELOADER SYSTEM. THIS SOLUTION RESULTS IN HUGE EFFICIENCY AND PRODUCTIVITY GAINS IN WASTE COLLECTION. IN ADDITION TO IES AND FS BODIES FOR SIDELOADERS AND CRANE COLLECTION TRUCK VEHICLES, VDL TRANSLIFT ALSO PRODUCES ITS OWN LINE OF UNDERGROUND CONTAINERS.

SIDELOADER WITH IES SYSTEM: A BODY VARIANT WITH DEMOUNTABLE SYSTEM

The IES system is a complete logistics system for waste and recyclables. The VDL Translift IES collection vehicles are designed to collect waste from all common standard-sized bins, bags and underground containers. This body variant with demountable system can be broken down into three elements: collection, transfer and transport.

COLLECTION, TRANSFER AND TRANSPORT

Depending on the type of transport, full demountable containers are placed directly on a railway (ACTS) wagon or trailer at a transfer location. With a capacity of two or three containers per trip, an average of 20 tonnes of waste is transported per trip. By using the sideloader exclusively for waste collection, and not to transport the waste, this system contributes to an efficient logistics solution, resulting in time and cost savings. Several independent tests have shown that working with demountable containers is not only cost effective but also significantly more environmentally friendly due to the lower fuel consumption and CO₂ emissions.



Strength through cooperation



VDL Translift



UGS IES

IES demountable system for both underground and aboveground bottom-discharge collection containers.

Time and cost savings through separation of collection and transport.

Transport of an average of 20 tonnes of waste per trip.

Better weight distribution and front axle loading due to forward location of compaction system.

Higher load capacity through full utilization of the GVW.

Available with the VARIA lifter with integrated bags hopper (690 litres volume).



UGS FS

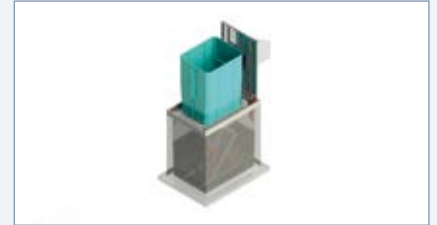
FS collection system in a fixed body variant for both underground and aboveground bottom-discharge collection containers.

No need for tipping of the body due to use of the compactor as ejector plate.

Direct mounting of the body on the chassis, resulting in more compact size, larger capacity and higher payload of the collection truck.

Partly due to the high compaction capacity of the screw compactor, this fixed body is ideal for the collection of recyclables.

Option for addition of bag hopper.



Underground bin system UGC

Underground bin for collection with side-loader.

Collection with E-Maxx or Maxxum side-loader.

Inner bin is brought to street level using controls in the vehicle cabin.

Inner bin with a capacity of 3 m³ or 4.5 m³.





PLUS / PLUS (DUO)

- Suitable for 80- to 360-litre 2-wheel-bins
- Operation from cab with joystick and camera system
- Available with single or dual grabber attachment
- Modular integration with Plus / Plus Duo or Varia Plus / Varia Plus Duo
- Fully automatic improved working conditions
- Health & safety friendly



VARIA / VARIA TWIN

- Suitable for all types of bins and 4-wheel bins
- Semi-automatic loading
- Optionally with bags hopper
- Very high loading capacity
- Safe workplace for the loader (outside traffic danger zone)
- Can be used in combination with Plus / Plus Duo
- Ideal for bags placed beside the container



VARIA PLUS / VARIA PLUS (DUO)

- One vehicle for the collection of bins, bags and 4-wheel bins
- Combination, in which the benefits of the Plus / Duo Plus module are complemented by the benefits of Varia lifter
- Semi-automatic loading with VARIA arm is complemented by in-cab-operated Plus / Plus Duo

Loading modules



E-MAXX

- Suitable for all bins and 4-wheel bins
- Operation from cab with joystick and camera system
- Outside operation for clustered points
- High capacity (max. 750 kg)
- Fully automatic
- Health & safety friendly



FLEX

- Suitable for all bins with single or dual grabber attachment
- Operation from cab with joystick and camera system
- Reduced swing and working zone for narrow streets
- Outswing of just 200 mm
- High collection capacity
- High lifting capacity
- Fully automatic
- Health & safety friendly



MAXXUM

- Suitable for stationary containers up to 3200 litre and 4,500-litre underground containers (UGC)
- Operation from cab with joystick and camera system
- Suitable for collection of industrial waste
- High capacity (max. 1,500 kg)
- Fully automatic
- Health & safety friendly

Sideloader with FS system: a fixed body with ejector plate

In addition to the body variant with demountable body system (IES), a fixed body variant (FS) is also available. The FS system uses the same modular design and can be fitted with any of the VDL Translift loading modules. This means that the collection and efficiency benefits of the sideloaders are now also available to users who cannot deploy a logistics solution.

The FS body variant consists of a permanently fitted load compartment with a capacity of 10 to 32 m³. It is easy to empty by means of a hopper with compactor unit which functions as an ejector plate and is available with a block or screw compactor. Because there is no need to tipp the body, the result is a stable, compact vehicle combination that is easy to clean and maintain.



Screw compactor

VDL Translift, with over 30 years of experience, is a specialist in the manufacture of screw compactors, comprising a hopper with two counter-rotating screws. The screw compactor is suitable for a wide range of waste fractions such as paper, plastic, organic waste and residual waste. Distinguishing characteristics of this unique compactor unit include:

- Continuous high compacting force
- Rapid waste transport
- Optimum compaction
- High fill rate
- Minimal risk of waste spillage
- Clean disconnection of container unit from compactor



VDL Translift bv

Staalwijk 7
P.O. Box 61
8250 AB Dronten
The Netherlands

Phone +31 (0) 321 – 38 67 00

info@vdltranslift.nl
www.vdltranslift.nl

