



VDL CONTAINER  
SYSTEMS



VDL  
DEMOUNTABLES

STRENGTH THROUGH COOPERATION





Construction & Industry



Transport & Logistics



Recycling &  
Waste Management

# VDL CONTAINER SYSTEMS

Here at VDL, we are constantly developing and utilising the very latest current and future technological options. Combining our technical expertise with innovative manufacturing techniques, we deliver high-quality container systems that meet all your industry's requirements. Our customers are able to count on a reliable partner that takes their container-handling activities to the next level thanks to the improvements they gain in terms of increased efficiency and smooth operations.

## Construction & Industry

Our system is strong and durable, even after heavy use. This makes it an ideal tool for the construction and industrial sectors. The system's wide tipping construction and tipping cylinder base in one line from front block to central rear bridge give you maximum stability and you can also personalise your demountable container system with various control, construction and hydraulic options. The result: the perfect system for your particular situation.

## Transport & Logistics

Efficiency is becoming more and more important in this industry and it's vital for use, operational control and speed to work together like a well-oiled machine. Safety and the reduction of CO<sub>2</sub> emissions are priorities as well. The lowered, integrated chassis systems in our design reduce the overall weight, which increases the volume and quantity of goods you are able to move. When used with electric trucks, the lower weight reduces your battery consumption and increases the distances you are able to travel.

## Recycling and Waste Management

Versatility and trip efficiency make a big difference, especially when you can achieve both. That's why we supply a system that customers can rely on day in, day out. System development is ongoing too. For example, we are continually making it easier for customers to operate our systems. Our operating systems are smarter and connected, which paves the way for lower CO<sub>2</sub> emissions and higher safety levels. We also use automated container-sheeting systems to cover your load and communicate important information to your truck. This prevents unplanned downtime and guarantees maximum uptime.





Fire Fighting,  
Defence & Government

### Fire Fighting, Defence & Government

In this industry, fast, worry and error-free container handling is essential. That's why our demountable container system performs in line with its specifications and complies with all the latest and strictest legislation. It also allows you to work safely and easily at all times, even when dealing with hazardous substances, in extreme weather or in hard-to-reach locations. We achieve this by using the most innovative operating systems.

### Agriculture

As your partner, we work with you to develop the most optimal design for your vehicle. This includes putting our heads together to identify how to integrate our system with the chassis as efficiently as possible and without compromising on functionality or quality. We consider everything: from the chassis beam design to control integration and connection. The outcome is the most optimal system for your requirements.



Agriculture



# AFTER SALES

## Service

Here at VDL Container Systems, we have an excellent and extensive Service and Maintenance Department for container-handling systems. Our team of technicians and VDL dealers have all been trained and certified to inspect, maintain and repair your container systems. Our technicians and dealers liaise with our Spare Parts Department - which has a big stock of high-quality parts and accessories, ranging from cables to switches and from bearings to motors - to keep your container systems in good working order. With everything you need always in stock, we are able to repair and maintain your container systems quickly and efficiently. For extra peace of mind, you might want to opt for one of our cost-effective service and maintenance programmes.

## Dealer Portal

Our dealer portal has everything dealers need to be able to maintain and optimise our container handling systems. Orders are easy to place online and you can access your order prices, delivery dates and history too. Also, simply enter an item number or VDL chassis number into the portal to find the corresponding data sheets with technical data and wiring diagrams.

## Parts Catalogue

All our parts catalogues and product specifications can be downloaded as PDF files from the dealer portal. This ensures that you always have the very latest data and that it's easy for you to find any part and any other information you need (like a photo, the product size and/or weight and current prices).





# VDL HOOKLIFT

This system is characterised by its extremely stable and safe method of container handling. It consists of a number of smart modules to assemble your hooklift, we are always able to meet your needs - wherever you are in the world. So, all our customers benefit from a reliable and user-friendly system.

Self-supporting dynamic chassis offering easy installation according customer specific needs and capacity

Maintenance free mechanical tipping locking system

Hookarm with high lifting and tilting capacities

Country-specific hooks to serve the globe

High-stability central rear axle construction to optimize your container handling

Body locking unit available in different standard for the worldwide market

## VDL I-Control

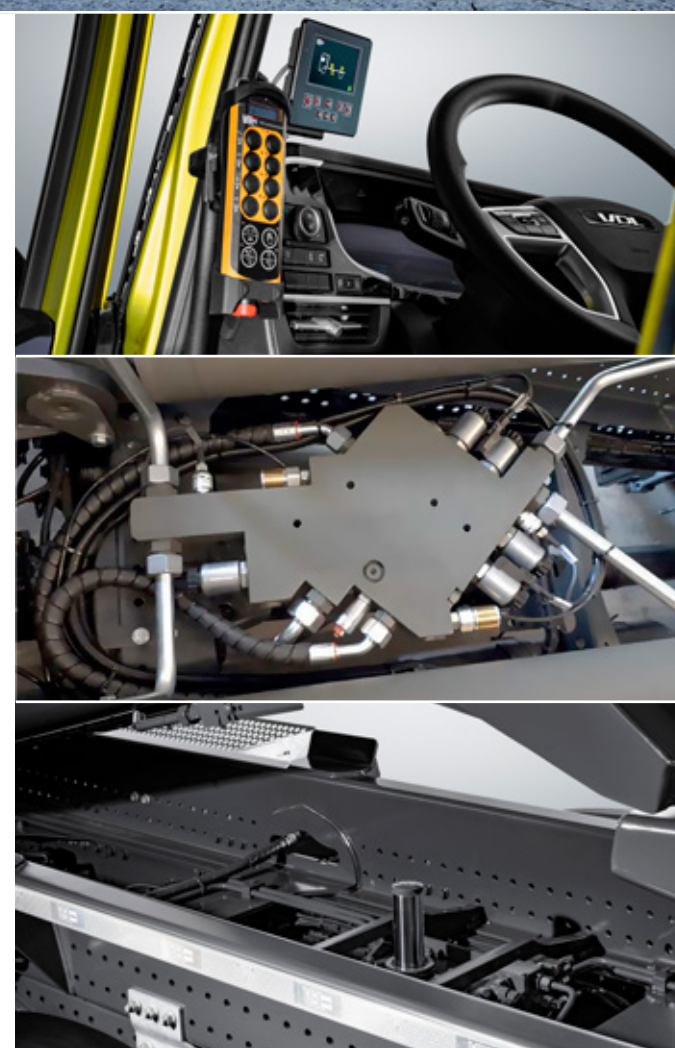
Manual, semi-automatic or fully-automatic operation: armed with our Controller VDL CAN Plus® technology, you decide: depending on which option you choose. Our connectivity techniques make it possible to have your system maintained and optimally deployed wherever you are in the world. We also tailor the software to your particular needs.

## Dynamic Control Plus (DCP)

A load-sensing dynamic function that reduces the tipping cycle time and shortens every container-handling phase. DCP also reduces CO<sub>2</sub> emissions when tipping loading and unloading a container. This is possible because the system is dynamic and automatically adjusts to the weight applicable, which means that it only uses the energy it needs.

## Installation kits

Put together your own kit of body components for your truck. All the parts you need are easy to order in our dealer portal, so you can rely on our after-sales and service team to help you quickly throughout the system's lifetime.



Capacity (T) up to	S	SK	LV	Length (mm)	Container length (mm)	Weight (kg)	Tipping angle (°)
K5 (City)				3500-4000	3500-4500	540-620	46
8 (City)	✓			4000-5000	3100-5900	1100-1200	46-56
10	✓			4000-5000	3100-5900	1150-1250	46-56
14	✓	✓		4250-5900	3450-6750	1525-2050	47-57
18	✓	✓	✓	4750-6400	3650-7250	2050-2750	46-56
21	✓	✓	✓	4750-6800	3650-7650	2250-2850	46-56
26	✓	✓	✓	4750-7300	3650-8100	2500-3375	46-56
30	✓	✓		4750-7300	3650-8100	2530-3430	46-54
40	✓			5500-7200	4150-8000	3430-3890	51-56

\*Models may differ by the different standardisations. For the required model, please look at the technical specification.

S Telescopic sliding arm  
SK Telescopic sliding and tilting arm  
LV Low version chassis



# VDL SKIPLOADER

Our skiploader system is known for its excellent performance and reliable quality. Its robust design has been extensively tested and optimised for performance in a range of environments and offers maximum safety as a result. The system is easy to operate and also ideal for loading and unloading different types of container.



## Safety and stability

A VDL skiploader system enables you to move and manage your containers efficiently and safely. Our systems can lift and transport containers of various sizes and weights, which make them invaluable to the container-handling industry.

VDL skiploaders meet the highest safety standards. For example, our height-restriction security feature ensures that containers never exceed the safe operating height of the skiploader.

Our container-locking and tipping system guarantees the safety of everyone concerned. So, you can rest assured that a container has been attached to the skiploader system properly. The tipping system makes sure that containers are tipped safely and stably. By combining these functions, our safety and container-handling system is a safe, fast and efficient way to move containers.



## Modular +

The system layout consists of a number of innovative modules that can be used wherever you are in the world. So, you put together your skiploader system yourself based on your specific requirements. Want to add extra options? Not a problem.

## Flexibility

Our skiploader system has been designed to provide

maximum flexibility in tight spaces. Thanks to its hexagonal lifting arms, which you can operate independently of each other, it's easy to get into narrow spaces and even pick up containers that are at positioned at awkward angles. The strong, reliable hydraulic system can handle even the heaviest of loads without any problems. So, the VDL skiploader system makes the problem of tight spaces a thing of the past.

Model	Capacity (T)	Sliding	Fixed	Truck	Container Volume (m³)	Press container	Weight (kg)
VDL-P8	8	✓	O	2 axle	≤10		1750
VDL-P10	10	✓	O	2 axle	≤14		2050
VDL-P14	14	✓	O	2 axle	≤20	✓	2850
VDL-P18	18	✓	O	3 axle	≤20	✓	3600
VDL-P20	20	✓	O	3/4 axle	≤20	✓	3700

\*Models may differ by the different standardisations. For the required model, please look at the technical specification

O=optional



# VDL CABLE SYSTEM

Our cable system for container handling making container loading and unloading a faster, safer and easier process. It's lightweight and is quick and easy to mount on the chassis of a truck.



## Differential

The new generation VDL cable systems are powerful, durable and practical. Innovative and optimised, they easily lift containers onto trucks, even in difficult conditions. Equipped with a smart free-run system that distributes winching and power evenly, low-maintenance hydraulic systems and featuring the very best materials, the latest cable system is both dynamic and powerful.

## Design

Because we use strong, high-grade steel when manufacturing our cable system, it's light but still has the ability to move heavy containers. The widened tipping frame, solid scissors construction and reinforced rear bridge increase stability. The standard roll height of the chassis is 230 mm but this can be adapted for special heights. Our cable systems are easy to install and use. They are durable and reliable as well because the components are both low-maintenance and long-lasting. We also custom-build our cable systems for each truck.



Model	Capacity (T)	Standard	Silo	3Z	Roll-height (mm)	Tipping angle standard (°)	Tipping angle high (°)	Truck	Container length (mm)	Weight (kg)
VDL CL18	18	✓			230	85	-	2 axle	6500	1600
VDL CL20	20	✓		✓	230	57	72	3 axle	7000	1750
VDL CL25	25	✓	✓	✓	250	57	72	3/4 axle	7500	1800
VDL CL30	30	✓	✓		230	57	72	4 axle	7500	1950



# VDL CHAIN SYSTEM

Our innovative and reliable chain system allows you to process containers quickly and easily. Its strong chains securely connect containers to your handling system, so you can load and unload containers safely and efficiently.



### Design

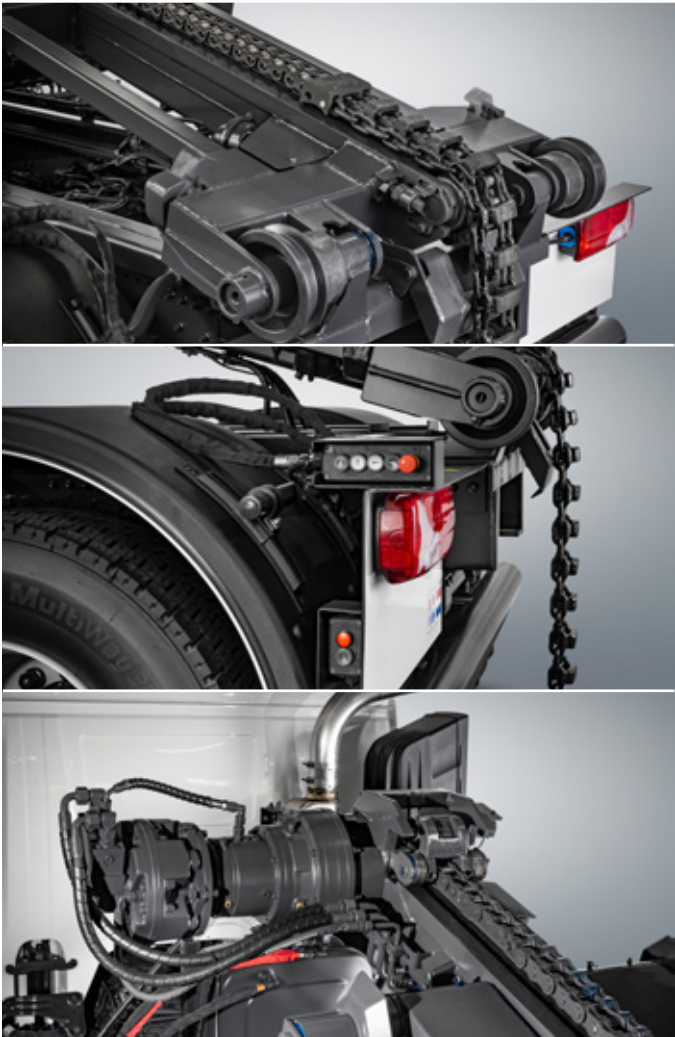
Our chain system is designed to enable you to securely connect a container to your truck and easily move heavy loads. The chain is extremely strong and reliable and easy to install.

### Container locking

Our chain system provides you with a strong and reliable locking device and ensures that your valuable load stays safe.

### Performance

With a strong, lightweight construction, the chain system can safely lift and transport containers of any size. It enables you to maximise your load capacity and transport more.



Model	Capacity (T)	Telescope cylinder	Scissor	Con-struction Height (mm)	Max tipping force (T)	Truck	Container length (mm)	Weight (kg)
VDL 16.60	16		✓	230	45	2 axle	6200	1900
VDL 20.65	20		✓	230	55	3 axle	6700	2100
VDL 24.70	24	✓	✓	230	60	3/4 axle	7200	2300
VDL 28.70	28	✓		275	80	4 axle	7200	2500
VDL 34.70	34	Contains both	Contains both	275	120	4/5 axle	7200	3000



## MAKE A DIFFERENCE TO THE WORLD OF TOMORROW

If you would like to know more about what VDL Container Systems has to offer or have specific questions about how our products could be used in your company, see our website or contact us using the details below.

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