

OLYMPUS VERTEX

REAR LOADING COLLECTOR WITH CRANE



The Olympus VERTEX is a specialised evolution of the renowned Olympus RCV, engineered for the efficient management of fixed containers—both underground and surface-mounted—that require top lifting and bottom emptying in full compliance with EN 13071 standards. Designed for containers that demand crane-assisted lifting and handling, VERTEX ensures seamless waste collection and emptying. The crane system can be mounted on the collector roof or positioned between the cab and body, tailored to your operational needs.

For added versatility, VERTEX can also be configured for rear loading of standard containers meeting EN 840-1/2/3. Smart. Adaptable. Built for modern waste management.

MAIN CONFIGURATIONS

FIXED HOPPER

OPEN BACK

Suitable for collection for underground and aboveground containers with bottom discharge openings in compliance with EN 13071. **Note:** Not compatible with EN 840-1/2/3 containers.



- **Range compatibility:** Designed for Olympus WIDE capacities.
- **Crane Manoeuvre Assistance:** Upper and side grilles enhance visibility and guidance
- **Transparent plastic cover for side grilles (optional).**
- **Foldable Loading Edge:** Designed for versatility, the foldable loading edge makes waste recovery effortless. It enables retrieval of bags or materials that do not enter through the top opening.
- **Hydraulic Edge actuation (optional):** Hydraulic loading edge available for greater ergonomics and speed.
- **Integrated Corner Flashing Lights:** Safety meets design. Corner flashing lights are seamlessly integrated into the structure, ensuring maximum visibility and enhanced operational safety during collection and manoeuvring.

FOLDING HOPPER

OPEN BACK

Suitable for collection for underground and aboveground containers with bottom discharge openings in compliance with EN 13071. **Note:** Not compatible with EN 840-1/2/3 containers.



- **Fully tiltable hopper:** Engineered for flexibility, the hopper features a hydraulic door that allows the upper or rear section to open and close depending on the operation.
Operating modes:
 - **Top closure:** For working with a bin lift (rear loading).
 - **Rear closure:** Enables top opening for crane discharge, whether roof mounted or between the cab and body.
- **Range compatibility:** Designed for all Olympus WIDE and HCT capacities.
- **Crane Manoeuvre Assistance:** Upper and side grilles enhance visibility and guidance
- **Transparent plastic cover for side grilles (optional).**
- **Foldable Loading Edge:** Designed for versatility, the foldable loading edge makes waste recovery effortless. It enables retrieval of bags or materials that do not enter through the top opening and can also widen the rear opening when operating in rear-loading mode.
- **Hydraulic Edge actuation (optional):** Hydraulic loading edge available for greater ergonomics and speed.

FOLDING HOPPER

UPC LIFTER

Suitable for collection for underground and aboveground containers with bottom discharge openings in compliance with EN 13071, and suitable for collecting containers according to EN 840-1/2/3 rear-loading standards via the **UPC multipurpose bin lift**.



OLYMPUS WIDE

- **Range compatibility:** Designed for Olympus WIDE capacities.
- **WIDE hopper:** Ideal for less bulky waste.
- **UPC multipurpose bin lift without retainers:** Discharge containers using arms (4-wheel containers and Sotkon).
- **Not compatible with comb:** EN 840-2/3.
- **Hopper articulation** located on the tailgate side.
- **Foldable loading edge (standard UPC):** Widens the rear opening in lifter mode.

OLYMPUS HCT

- **Range compatibility**
Designed for Olympus HCT capacities.
- **HCT hopper**
Larger top opening, ideal for bulky waste.
- **Full UPC multipurpose bin lift**
Discharge containers using arms and comb: EN 840-1/2/3.
- **Lid articulation** located on the rear closing tube.
- **Foldable loading edge (standard UPC):** Widens the rear opening in lifter mode.

AUXILIARY LIFTER

Suitable for collection for underground and aboveground containers with bottom discharge openings in compliance with EN 13071, and suitable for collecting containers according to EN 840-1/2/3 rear-loading standards using multipurpose bin lift systems such as **Terberg EuroTRADE** and **Terberg OmniMAX**, mounted on WIDE hopper.



- **Range compatibility:** Designed for Olympus WIDE capacities.
- Operating modes:
 - **Top closure:** For working with a bin lift (rear loading).
 - **Rear closure:** Enables top opening for crane discharge, whether roof mounted or between the cab and body.
- **Safety interlock:** Enhanced operational safety: The auxiliary lifter remains inactive while the lid closes the rear section of the tailgate, preventing accidental movement during critical operations.
- **Side articulation** of the hopper.

OLYMPUS VERTEX					
	FIXED HOPPER		FOLDING HOPPER		
	OPEN BACK	OPEN BACK	UPC WIDE	UPC HCT	AUXILIARY
Range compatibility	WIDE	WIDE / HCT	WIDE	HCT	WIDE
Hopper volume (m ³)	11,5	9,3 / 9,3	5,3	10,3	6,7
Discharge section (mm)	2.003 x 2.485	2.000 x 2.210	1.870 x 1.965	2.175 x 2.080	1.790 x 2.100
Bin lift compatibility	X	X	UPC with arms	UPC	Terberg EuroTRADE / OmniMAX
Overhang from tailgate tip (mm)	1.266	1.145 / 864	931	1.072	945
Overhang from box/tailgate anchor (mm)	2.745	2.625	2.412	2.820	2.426

SUITABLE CONTAINERS FOR DISCHARGE						
	EN-840-1	X	X	X	✓	✓
Via bin lift	EN-840-2	X	X	✓	✓	✓
	EN-840-3	X	X	✓	✓	✓
Via crane	Surface	Fixed waste containers up to 5 m ³ , compliant with EN 13071, with top lifting and bottom discharge. Other container types upon request.				
	Underground	Underground waste containers up to 5 m ³ capacity.				

CRANE	
Crane positioning	Between cab and front of body or on the roof of the collection body.

Certifications

- Compliant with European Standard EN 1501-1 and EN 1501-5.
- Compliant with Machinery Safety Directive 2006/42/EC.
- Compliant with European Directive 2000/14/EC on noise emissions.
- Certified hydraulic oil cleanliness level according to ISO 4406.



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