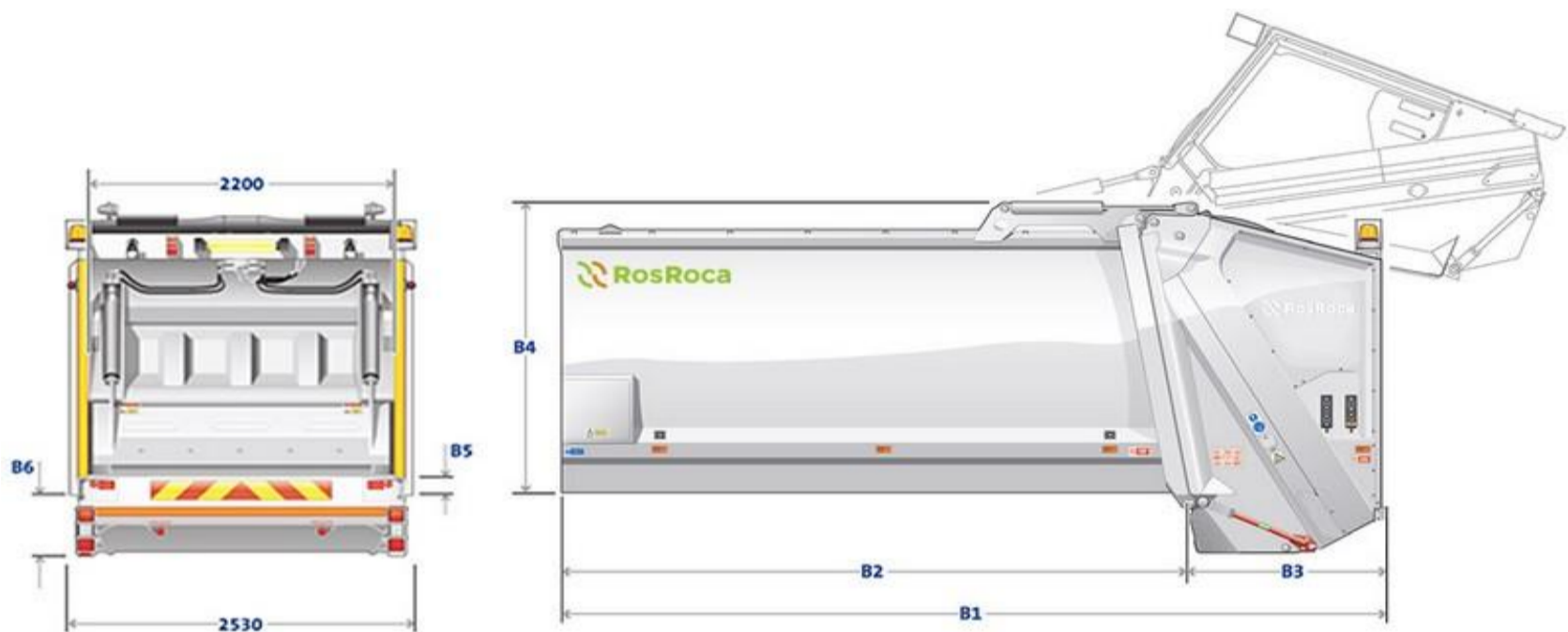


OLYMPUS ART - SMOOTH BODY RCV WIDE

Specifications

v5. March 2019



MODEL		OLNM-13W	OLNM-16W	OLNM-17W	OLNM-19W	OLNM-20W	OLNM-21W	OLNM-23W	OLNM-25W	OLNM-27W
GVW chassis (t) (1)		16	18-19	18-19	26	26	26	26	26	32
Recommended Wheelbase: 1st to 2nd axle (Aprox. mm)		3400-3500	3800-3900	4100-4200	3300-3400	3500-3600	3800-4000	4100-4200	4500-4600	(4)
Recommended Wheelbase: 2nd to 3rd axle (Aprox. mm)		----	----	----	1350-1400	1350-1400	1350-1400	1350-1400	1350-1400	(4)
Body useful capacity (m ³)		13,0	15,6	16,6	18,6	20,0	21,4	23,2	25,6	26,5
Body Weight (Open Back) (Kg)		5135	5328	5409	5591	5697	5802	5942	6146	6216
Europa MOC lifter Weight (Kg)		480								
DIN frame for auxiliary lifter + rave rail Weight (Kg). Consult Binlift manufacturer for lifter details.		216								
Sub-frame Weight (Kg)		136				173				
Footboards Weight (Kg)		70								
Overall Length (mm)	B1	4975	5525	5725	6175	6475	6775	7175	7675	7875
Overall Length-Tailgate raised (mm)	B1	6053	6603	6803	7253	7553	7853	8253	8753	8953
Body Floor Length (mm)	B2	3460	4010	4210	4660	4960	5260	5660	6160	6360
Tailgate floor Length (mm)	B3	1515								
Body Height included sub-frame (mm) (2)	B4	2490								
Body Height includ. sub-frame - Tailgate raised (mm) (2)	B4	4145								
Rave rail height vs chassis (mm) (2)	B5	0								
Underside of tailgate relative to chassis height (mm) (2)	B6	-472								
Maximum external Width (mm)		2530								
Tailgate internal width without lifter (mm)		2200								
Hopper volume (m ³)		0,9								
Hopper volume with Europa MOC lifter (m ³) (3)		2,2								
Compaction mech. swept volume (m ³)		1,9								
Compaction mechanism cycle time (s)		22								
Absortion speed (m ³ /min)		5,2								

NOTE: This document and the information or advice given to the customer is merely for guidance and does not constitute any contractual obligation. Nor can any obligation, guarantees or responsibility be taken from it on the part of the company.

All specifications are subject to manufacturers tolerances. An allowance of +/- 2% should be made for all weights. Additional equipment may alter dimensions and weights quoted.

(1) Subject to legislation in territory.

(2) Height profile sub-frame 115 mm.

(3) Subject to chassis height

(4) 4-axle chassis configuration (8X4) to consult.

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Compacting Body

- Constructed from high tensile steel one piece rolled side sheets and braced by front and rear hoops, with pressed integral channels and 'keel' type floor.
- Sides in 4mm S275 EN10025, Roof in S355 EN10025.
- Floor in 3 sections across width: 4-5mm S355 EN10025.
- Rear Hoop: 5-6mm S355 EN10025.
- Barrier Rails: 8mm DOMEX 700 (700 N/mm²).
- Rear Cross-member: 6mm DOMEX 700 (700 N/mm²).
- Fitted with under-floor sump to prevent liquid seepage and to allow clean discharge of any liquid content. (100mm depth).
- Only two greasing points in body and tailgate.

Tailgate

- Optimised 1.9 m³ swept volume capacity, resulting in fewer packing cycles, reducing wear, fuel consumption and noise.
- Full 2.2m uncluttered loading width without lifter.
- Low rake rail height for manual loading and versatile lifting device mounting with bolt-on rake rail adaptor for lifting devices.
- Substantial pressed side plates form integrated channels to guide the compaction mechanism.
- Hydraulic packer plate cylinders are positioned to eliminate damage from waste.
- Reduced overhang for improved weight distribution and manoeuvrability.
- Integral rear frame for lifting device mounting.
- Hopper: 6mm HARDOX 400 (1000 N/mm²).
- Sides: 7mm HARDOX 400 (1000 N/mm²).
- Rake Rail: 4mm DOMEX 700 (700 N/mm²).
- Retainer Plate: 4mm HARDOX 400 (1000 N/mm²).

Packing Mechanism

- Proven two-plate fabricated carriage plate and packer plate design.
- Manufactured using high tensile abrasion resistant steel.
- Slides within tailgate channels on low friction self lubricating bearings.
- Heavy duty carriage and packer cylinders.
- The remaining structural elements are constructed in steel S355 EN10025 (355 N/mm²).
- Base sheet & tube: 4mm HARDOX 400 (1000 N/mm²).
- Packer plate base: 6mm HARDOX 400 (1000 N/mm²).
- Nominal 22 second cycle time.

Refuse Ejection Plate

- Ejection plate face is manufactured from high tensile abrasion resistant steel, forming a smooth and unobstructed discharge surface.
- Self lubricating bearings guide the ejection plate along rails within the body.
- Multi-staged double acting hydraulic cylinder enables efficient ejection and retraction.

Electrical System

- Simply Relay Logic system.
- Simple Run/Tip switch in cab for body controls.
- Fully water-proofed front mounted body junction box and roof mounted tailgate relay box allowing easy access for maintenance.
- Number and colour coded wiring for easy identification, maintenance and fault finding.
- Weatherproof switch, plug and socket connectors.
- Circuit designed to enhance Health&Safety features.

Hydraulic System

- Quiet, PTO mounted close-coupled standard pump delivers 85 litres/minute at 1000 rpm.
- Body mounted 125 litre tank with remote pressure fill.
- Full flow 10 micron return line filter controls contaminant levels.
- Heavy duty inverted packer plate cylinders fitted with maintenance free spherical bearings.
- Heavy duty inverted compaction cylinders mounted outside the compaction mechanism, clear of the loading area.
- Roof mounted tailgate lift cylinders.

Safety

- Two-plate design, automatic body/tailgate locks and clean discharge remove the need to approach moving parts.
- Interlocks prevent the mechanism from working unless the tailgate is fully lowered.
- Tailgate lift rams are fitted with integral pilot operated load holding valves so that even if a hose fails, or is removed, the tailgate cannot descend unless positively powered downwards.
- Indicator icons show the driver when the mechanism is in operation, and when the tailgate is out of its locks.

Options

- A range of compatible lifting devices and DIN frames are available.
- Tank of leachate at the bottom of the hopper.
- Tank of leachate at the bottom of the body.
- Support for the shovel and broom.
- Further standard options please contact a ROS ROCA sales representative.

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