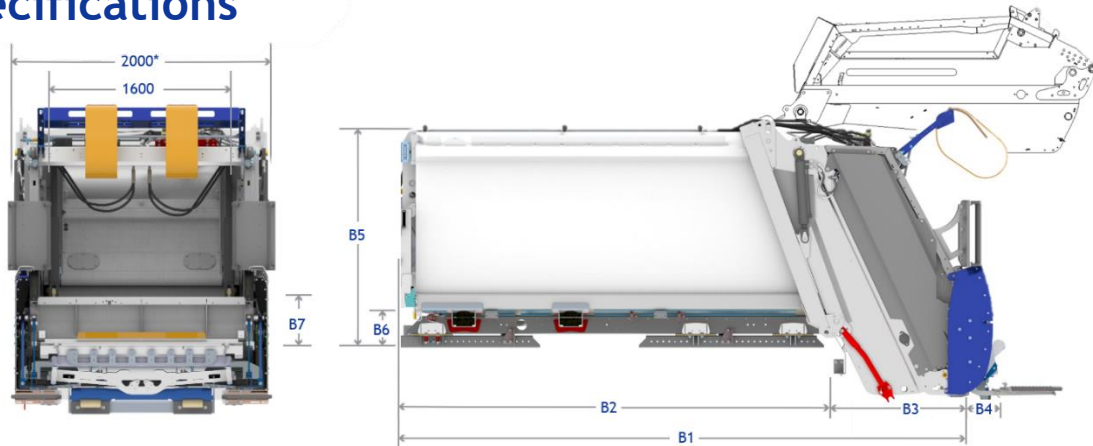


Specifications



MODEL		OL-MINI 6	OL-MINI 7	OL-MINI 8	OL-MINI 10
GVW chassis (t)		7,5-8	8,5-9	10-12	12
Recommended Wheelbase: 1-2 axle (mm)		2700-2900	3100-3350	3500-3800	4100-4300
Recommended chassis Height (mm)		700-900			
Body useful capacity (m ³)		6	7	8	10
Body Weight (without lifter) (Kg)		2962	3063	3156	3310
Sub-frame Weight (Kg)		124			
Footboards + hand holders eight (Kg)		110			
Overall Length (without lifter) (mm)	B1	4030	4430	4830	5487
Overall Length-Tailgate raised (mm)		5020	5420	5820	6477
Body Floor Length (mm)	B2	2915	3315	3715	4372
Tailgate floor Length (mm)	B3	1115			
Body Height included sub-frame (mm) (1)	B5	1900 / 2000			
Body Height - Tailgate raised (mm) (1)		2773 / 2873			
Platform height vs chassis (mm) (1)	B6	210 / 310			
Rave rail height vs chassis (mm) (1)	B7	362 / 462			
Maximum external Width (mm)		2000 / 2100* (*With holders and footboards)			
Tailgate internal width without lifter (mm)		1600			
Hopper volume (m ³)		1			
Compaction mech. swept volume (m ³)		0,63			
Compaction mechanism cycle time (s)		15			
Absortion speed (m3/min)		2,52			
Lifter	Lifting capacity (kg)		500		
	Lifter Weight including DIN arms (kg)		250		
	Lifter Overhang	B4	260		
	Lifter comb Height. (mm). <i>Recom. chassis height.</i>		775-880		
	Lifter cycle time (s)		11-12		

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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) Low platform / Standar platform. In both cases, 110mm subframe is considered.



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.
- Floor in 3mm S355 EN10025.
- Rear Hoop: 6mm S355 EN10025.
- Barrier Rails: 6mm DOMEX 700.
- Only two greasing points in body and tailgate.

Tailgate

- Full 1.6m uncluttered loading width without lifter.
- Low rake rail height for manual loading.
- 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.
- Hopper: 5mm RAEX 400.
- Sides: 6mm HARDOX 400.
- Retainer Plate: 4mm HARDOX 400.

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.
- Base sheet & tube: 5mm HARDOX 400.
- Packer plate base: 4mm HARDOX 400.
- Nominal 15 second cycle time.

Refuse Ejection Plate

- Ejection plate face is manufactured from high tensile abrasion resistant steel, forming a smooth and unobstructed discharge surface.
- Pressure regulation of the ejection plate from cab display.

- 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

- Fully integrated CANBus system logic (CANopen).
- Simple display unit in cab for body controls and diagnostics.
- Fully water-proofed front mounted junction box contained within a locker allowing easy access for diagnostics and maintenance via laptop.
- Number and colour coded wiring for easy identification, maintenance and fault finding.
- Weatherproof switch, plug and socket connectors.

Hydraulic System

- Twin vane cartridges hydraulic standard pump that delivers 60 litres/minute at 1000 rpm.
- Body mounted 70 litre tank.
- Full flow 10 micron return line filter controls contaminant levels.
- Engine speed is maintained by electronic throttle control system when hydraulic power consumption increases.
- 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.
- Retention barrier with adjustable pressure.

Lifter

- Bar lifter specially designed for Olympus MINI, welded to tailgate.
- Electro-hydraulic lifter control by means of buttons.
- Equipped with mechanical combs and cover catchers and optionally with rams and DIN arms.
- Suitable for EN-840-1 containers (front loading by comb), EN-840-2 containers (front loading by comb or side loading by DIN arms) and EN-840-3 containers (front loading by comb or side loading by DIN arms).

Safety

- In compliance with European Standard EN1501.
- Automatic body/tailgate locks (using two buttons at the same time) and clean discharge avoid 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.
- Double discharge control button, one in cab and another one outside.

Options

- Tank of leachate at the bottom of the hopper.
- Support for the shovel and broom.
- Hand washing tank.
- Hydraulic unloading of underground containers.
- Lifter with cover catcher with rams and DIN arms.
- Available without lifter, as open back.
- Continuous cycle option, with optical barriers.
- Foldable rake rail.
- Weight footboards.
- Oil heater in the hydraulic tank.
- End of compaction mechanism during travel.
- Further standard options please contact a ROS ROCA sales representative.

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