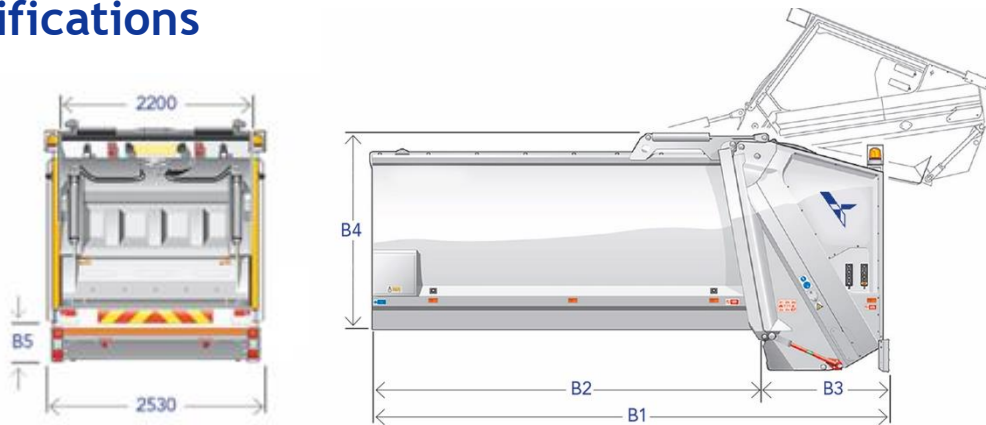


### Specifications



MODEL		OL-17W+	OL-19W+	OL-20W+	OL-20,5W+	OL-21W+	OL-23W+	OL-25W+	OL-27W+
GVW chassis (t) (1)		26	26	26	26	26	26	26	32
Recommended Wheelbase: 1- 2 (mm)		2900-3000	3300-3400	3500-3600	3600-3700	3800-4000	4100-4200	4500-4600	(4)
Recommended Wheelbase: 2- 3 (mm)		1350-1400	1350-1400	1350-1400	1350-1400	1350-1400	1350-1400	1350-1400	(4)
Body useful capacity (m <sup>3</sup> )	Wide	18,0	20,3	21,8	22,6	23,4	25,4	28,0	29,0
	HCT	18,4	20,6	22,2	22,9	23,7	25,8	28,3	29,3
Body Weight (Open Back) (Kg)	Wide	5686	5848	5957	6012	6067	6211	6421	6494
	HCT	5958	6120	6229	6284	6339	6483	6693	6766
Multipurpose UPC bin lifter Weight (Kg)		675							
Sub-frame Weight (Kg)		136	173						
Overall Length (mm)	Wide	5725	6175	6475	6625	6775	7175	7675	7875
	HCT	6025	6475	6775	6925	7075	7475	7975	8175
Overall Length-Tailgate raised (mm)	Wide	6980	7430	7730	7880	8030	8430	8930	9130
	HCT	7040	7490	7790	7940	8090	8490	8990	9190
Body Length (mm)	B2	4210	4660	4960	5110	5260	5660	6160	6360
Tailgate Length WIDE / HCT (mm)	B3	1515 / 1815							
Body Height included sub-frame (mm) (2)	B4	2700							
Body Height includ. sub-frame - Tailgate raised WIDE / HCT (mm) (2)		4225 / 4620							
Underside of tailgate relative to chassis height WIDE / HCT (mm)	B5	-472 / -480							
Maximum external Width (mm)	2530								
Tailgate internal width without lifter (mm)	2200								
Hopper volumen WIDE / HCT (m <sup>3</sup> )	1,3 / 1,5								
Hopper volume with high rave rail up (UPC lifter) WIDE / HCT (m <sup>3</sup> )	3,2 / 3,5								
Compaction mech. swept volume WIDE / HCT (m <sup>3</sup> )	1,92 / 1,99								
Compaction mechanism cycle time (s)	18								
Absortion speed WIDE / HCT (m3/min)	6,4 / 6,6								

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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) Subject to legislation in territory.

(2) Height profile sub-frame 115 mm.

(3) Minimum height of floor 1,05 m with EN 1501-1.

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



## 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/mm<sup>2</sup>).
- Rear Cross-member: 6mm DOMEX 700 (700 N/mm<sup>2</sup>).
- 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

- Two available sizes: WIDE (+) and WIDE (+) HCT (High Capacity Tailgate).
- Optimised swept volume capacity, resulting in fewer packing cycles, reducing wear, fuel consumption and noise.
- Full 2.2m uncluttered loading width without lifter.
- Low rave rail height for manual loading and versatile lifting device mounting with bolt-on rave 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: 8mm HARDOX 400 (1000 N/mm<sup>2</sup>).
- Sides: 7mm HARDOX 400 (1000 N/mm<sup>2</sup>).
- Rave Rail: 4mm DOMEX 700 (700 N/mm<sup>2</sup>).
- Retainer Plate: 4mm HARDOX 400 (100 N/mm<sup>2</sup>).

## 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/mm<sup>2</sup>).
- Base sheet & tube: 4mm HARDOX 400 (1000 N/mm<sup>2</sup>).
- Packer plate base: 6mm HARDOX 400 (1000 N/mm<sup>2</sup>).
- Nominal 18 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 side 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

- Quiet, PTO mounted close-coupled standard pump.
- Body mounted 150 litre tank with remote pressure fill.
- 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.
- Roof mounted tailgate lift cylinders.
- Retention barrier with adjustable pressure.

## Safety

- CE Approved. Safe by design. EN 1501-1.
- 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.
- Automatic gearbox interlocks enhance safe operations.
- 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.
- In cab discharge controls as standard, with external tailgate lower controls for optimized safety.
- Interlocked access door for safe maintenance operations.

## Options

- A range of compatible lifting devices and DIN frames are available.
- Ladder to access the side door of the body.
- Tank of leachate at the bottom of the hopper.
- Support for shovel and broom.
- Hardox floor reinforcement.
- Hydraulic unloading of underground containers.
- Variable flow pump.
- Soundproofing the bottom of the hopper.
- Further standard options please contact a ROS ROCA sales representative.

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