

# ORUS

## SATELLITE COLLECTORS



Depending on the refuse collection model and the distance to landfill or processing plants, it is possible that the service will require intermediate transfer points to ensure the viability of the model. It is generally accepted that the maximum time that can be spent moving a refuse collection vehicle to the unloading point, performing the unloading operation and returning is approximately 60 minutes. When it takes longer than this, the efficiency of the service can often be improved by investing in a load transfer system, such as static open containers or high capacity rear-loading compaction bodies such as our Olympus HCT.

We offer units that have been designed specifically for this type of service, with models ranging from 2 m<sup>3</sup> to 7 m<sup>3</sup> volumes that are perfectly suited to being mounted on light chassis, ranging from 2.8 t to 11 t, whether gas powered or "ECO" hybrid/electric powered.

## BENEFITS OF ORUS SATELLITE COLLECTORS

- Made from steel or aluminium, allowing us to increase the maximum legal payload.
- Option to unload into a supply vehicle or static open containers.
- Numerous optional features available for greater collection efficiency such as pre-installation of the weighing system, RFID identification and reader systems, etc.
- A leakproof watertight body, an essential requirement for organic waste collections.
- Multi-purpose models designed to collect multiple fractions.
- They can be mounted on an electric chassis.
- Outstanding manoeuvrability in narrow and/or confined spaces.
- Quick and easy to clean.
- Easy to use and maintain.
- Lower fuel and maintenance costs.
- Refuse collection vehicle designed for every type of waste.

## ORUS MODELS

### OR

A range of refuse collectors without compaction, easier to manoeuvre due to their compact size, made from steel or aluminium, to provide the service in areas that are difficult to access or highly congested. Equipped with bin lifts. Capacities from 2 to 7 m<sup>3</sup>.

### ORUS

Compaction collectors to optimise waste collection, with 3:1 compaction. The trapezoidal structure of the body and the absence of joints ensure easy unloading operations. Equipped with bin lifts. Capacities of 5 and 7 m<sup>3</sup>, made from steel or aluminium.

### ORUS TP

Collectors that enable the segregated collection of, for example, organic waste and municipal solid waste on a single route. The body is split into two separate compartments (50/50 and 70/30). Capacity of 7 m<sup>3</sup>.

### ORUS COMBI TD

A multi-fraction collector for the separate collection of municipal solid waste at the rear (5 or 7 m<sup>3</sup>) and a separate side-loaded front compartment without compaction and with a bin lift to facilitate the collection of the organic fraction or glass (3.5 m<sup>3</sup>).

### ORUS TP COMBI TD

This versatile two-compartment compaction collector (50/50 or 70/30), with a separate side-loading front compartment (without compaction and with no bin lift) to facilitate the collection of organic fractions or glass (1.5 m<sup>3</sup>). The TP Combi TD offers outstanding efficiency as it can collect three different fractions on a single route.





## BIN LIFT SYSTEMS

### OR 2-3 BIN LIFT

Hydraulic bin lift with comb for handling 120/240/360 L bins.

### OR 5-7 BIN LIFT

Hydraulic bin lift with comb for the simultaneous handling of two 120/240/360 L bins or one 550/660/770/1100 L bin. DIN arm lifting system for 770/1100 L containers.

### BIN LIFT FOR ORUS

Hydraulic bin lift for the simultaneous handling of two 120/240/360 L bins or one 660/770/1100 L bin. DIN arm lifting system for 770/1,100 L containers.

### ORUS TP BIN LIFT (70/30)

Hydraulic bin lift with comb for the simultaneous handling of two 120/240/360 L bins or one 550/660/770/1,100 L bin on the right side and one 120/240/360 L bin on the left side at the same time.

### ORUS TP BIN LIFT (50/50)

Hydraulic bin lift with comb for the simultaneous handling of two 120/240/360 L bins in both compartments.

### COMBI TD BIN LIFT 3,5 m<sup>3</sup>

Side-loading bin lift at the front for 120/240/360 L bins.



Footboard(s).

## OPTIONAL FEATURES

- Canopy top cover (OR range): During the journey to the unloading point, the body can be covered by this canopy, manufactured from heavy duty raffi a fabric. It has automatic guidance and a winder mechanism to return it to its original position.
- 360 L steel pannier integrated into the bin lift for manual loading. Option available for the ORUS 7.
- Hydraulic pannier integrated into the bin lift for manual or "door-to-door" loading. Loading height 120 cm. Option available for the ORUS 5.
- Lid openers to open 1100-litre DIN waste containers with curved lids.
- Container identification system.
- Pre-installation of weighing systems.
- Nappy-collection compartment.
- Automatic self-engagement of the container as it approaches the bin lift.
- Swing side door on both sides. It features a bin security switch that automatically shuts down the compaction system.
- 7" colour TV camera monitor in the cab. Optional feature for the OR 2-3 m<sup>3</sup> range. Comes as standard for all other models.
- Audible warning indicator in the cab.
- 2nd push button panel on the left side for direction of travel.
- Brush and shovel holder support.
- Rollers for stabilising legs.
- Footboards: on both sides or one side (left/right).
- Additional pneumatic reinforcement on rear springs for 3.5 t chassis.
- Bin lift side protector.
- Automatic greasing.
- Special paint.



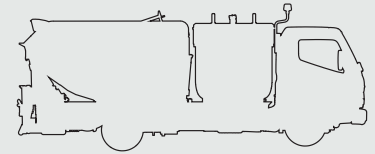
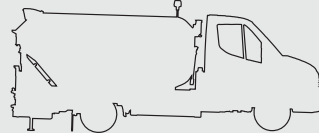
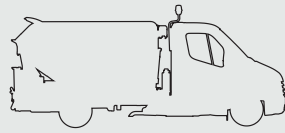
CAN BUS system and management screen in the cab.



Door-to-door pannier.



Double push button panel.



PRODUCT RANGE	OR2 OR3	OR5	OR7	ORUS 5	ORUS 7	ORUS TP	ORUS COMBI TD	ORUS TP COMBI TD	ORUS TP COMBI TD3
Compaction	✗	✗	✗	3:1	3:1	3:1	3:1	3:1	3:1
Fractions	1	1	1	1	1	2	2	3	3
Steel	✓	✓	✓	✓	✓	✓	✓	✓	✓
Aluminium	✓	✓	✗	✓	✗	✗	✓	✗	✗
Rear bin lift	✓	✓	✓	✓	✓	✓	✓	✓	✓
Side bin lift	✗	✗	✗	✗	✗	✗	✓	✗	✓
Containers	120-360	120-1100	120-1100	120-1100	120-1100	120-750	120-1100 120-750	120-750	120-750 120-750
Steel pannier, door-to-door	✗	✗	✓	✗	✓	✗	✓	✗	✗
Fabric pannier, door-to-door	✗	✓	✗	✓	✓	✓(*)	✓	✓(*)	✓(*)
Side door	✓	✓	✓	✓	✓	✓	✓	✓	✓
Footboard(s)		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Capacity	2,2-3,5 m <sup>3</sup>	5,5 m <sup>3</sup>	7,0 m <sup>3</sup>	5,5 m <sup>3</sup>	7 m <sup>3</sup>	2,1+4,9 m <sup>3</sup> 3,5+3,5 m <sup>3</sup>	3,5+5 m <sup>3</sup>	1,5+50/50 1,5+70/30	3,5+50/50 3,5+70/30
GVW chassis	1,7-2,2 t	3,5-5 t	5-7,5 t	3,5-5 t	5-7,5 t	7,5 t	7,5 t	7,5-9/10 t	7,5-9/10 t
Electric chassis (Electrified by Grupo Pretto)		Isuzu M21 (48 kWh)	M55/P75 (48/76 kWh)	Isuzu M21/M55 (48 kWh)	Isuzu M55/P75 (48/76 kWh)	Isuzu P75 (76 kWh)	Isuzu P75 (76 kWh)		
Charging time (h)		6,3	6,3/12	6,3	6,3/12	6,3/12	12		

\* for large compartment (70)

### Certifications

- Compliance with European standard EN1501-1 and EN1501-5.
- Compliance with Directive 2006/42/EC on machinery safety.
- Compliance with European standard 2000/14/EC on noise emission.
- Certificate of hydraulic fluid cleanliness in accordance with ISO 4406.
- ISO 9001, ISO 14001, EMAS III, ISO 45001, ISO 50001, ISO 14006 and ISO 14064-1.



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We reserve the right to carry out technical modifications. Modification of specifications may be carried out without prior notice. Illustrations may not necessarily depict current equipment versions.