



# INCREASE YOUR MANEUVERABILITY WITH THE GN-SATELLITE

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The small satellite vehicles, with capacities from 2,2 to 12 m<sup>3</sup>, are ideal for collecting domestic waste in narrow, congested city streets. By loading the refuse into a big rear loader this small vehicle can continue its job without wasting time and fuel driving to the waste disposal sites and back.

## WHY A SATELLITE VEHICLE?

There are many advantages and we have listed some of them below:

- Smaller trucks consume less fuel/ biofuel/ electrical traction.
- Compact and nice looking trucks for in city centers.
- Low vehicle height will make collection in parking houses possible.
- Lower investment required compared to bigger vehicles.
- On the smaller ranges, no special driving license required.
- Possibility to load refuse into a big refuse collection vehicle

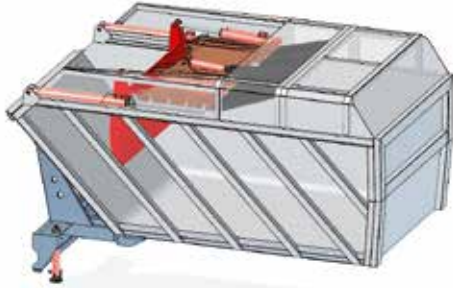
## MATERIAL CHOICE

Our satellite vehicles consist of high quality steel to guarantee maximum durability. The body is fully MIG-MAG welded and watertight up to the body top. We can also offer our smaller vehicles in a lightweight aluminum body to increase payload. The moving parts are made of steel where extra strength is needed.

A maximum tilting angle of 90° of the body is reached by using double acting telescopic cylinders for the body tilting mechanism.

## CONTROLS IN CABIN

Maximum efficiency and driver safety is provided by the incab control station. The driver has the possibility to tilt the body to discharge its refuse and to lower the body back to drive position from the cabin.







## R106 AND R107

The R106 is with its 2,2 m<sup>3</sup> body the smallest vehicle in our product range. With its small outside dimensions it can easily manoeuvre in narrow city streets. The R107 is the next volume step in this range with its 3,2 m<sup>3</sup> body.

Both types can handle 2-wheel containers up to 360l and are specifically engineered to collect domestic waste. A right side hatch facilitates manual loading of refuse. The body is also available in Peraluman aluminum to reduce weight and further increase payload.

## QUBE 5,5 AND 7

The Qube, available in body volumes of 5,5 and 7 m<sup>3</sup>, is ideal for domestic, glass and organic waste collections. With a hydraulic lifter both 2-wheel and 4-wheel containers up to 1100 liter can be handled. Its smooth vertical movements from the start to the container release characterize the lifter, thus preventing spillage of refuse and liquids. The Qube is fitted with a remote control for assisted and safe bin handling.

The Qube features a compaction mechanism to achieve a compaction ratio of 1/3. The body and compaction mechanism of the Qube 5,5 are also available in lightweight Peraluman aluminium alloy to achieve maximum productivity on the route.

For an easy check on the containers you can choose for an inspection window of unbreakable glass. The Qube has sidewalls and a rounded floor to guarantee less weight and more strength.

## QUBE MF

The Qube MF can collect two fractions in just one route. The body of the Qube MF is divided in two separate compartments.

The compartments are available in different capacities:

- 70% / 30%
- 50% / 50%

The Qube MF has an integrated lifting device that can handle two containers up to 360l or a single container up to 1.000l on the comb.

## R200 AND R300

The most productive vehicles in our product range are the R200 and R300. They are ideal for collecting large quantities of refuse and are available in two body volumes 7,0 (R200) and 10,0 m<sup>3</sup> (R300).

These vehicles compaction ratio of 1/4 to achieve more efficiency on the collection routes. The units have a second blade that works as an ejection plate allowing the refuse to be discharged quickly and efficiently. To ensure extra strength and durability the unit has lateral reinforcements.

Both product types have a hydraulic comb lifter to empty both 2-wheel and 4-wheel containers up to 1100 liter.





# OPTIONS



## Aluminum body

To reduce the weight of the unit, we can offer the body of the R106, R107 and Qube 5 in Peraluman alloy H32 aluminum. The bin lift and subframe of the Qube will remain in steel for extra strength. The compaction blade can also be made of Peraluman alloy H32 aluminum. The additional payload compared to the unit in steel depends on the body type and size.



## Extra side door

A side door for manual loading of refuse can be fitted on both sides of the body. When the side door is open, an electronic control avoids the compaction mechanism to work.



## Body roof cover

Possibility to cover the body to avoid that waste is being blown away while driving. The cover consists of scratchproof coated raffia fabric with automatic sliding and rewind mechanism. This option is only possible when the unit doesn't have a compaction mechanism.



## DIN lid openers

Lid openers for round top DIN 1100l containers.



## Special bin frame for manual load

Our integrated bin lifter solution for manual collection of bulky waste or bags. The lifter comprises of a water tight sack that can be operated electrically. The lifter is also available in a fixed steel version.



## Compaction mechanism

The R200, R300 and Qube series are fitted with a compaction mechanism to achieve more productivity and efficiency on the collection routes.

Lifting device	R106 2,2m <sup>3</sup>	R107 3,2m <sup>3</sup>	Qube 5,5m <sup>3</sup>	Qube 7m <sup>3</sup>	R200 7m <sup>3</sup>	R300 10m <sup>3</sup>	Qube 7m <sup>3</sup> MF
120 ltr 2-wheel	■	■	■	■	■	■	■
240 ltr 2-wheel	■	■	■	■	■	■	■
360 ltr 2-wheel	■	■	■	■	■	■	■
700 ltr 4-wheel	N.A.	N.A.	■	■	■	■	■
1000 ltr 4-wheel	N.A.	N.A.	■	■	■	■	■
1100 ltr 4-wheel	N.A.	N.A.	■	■	■	■	■
Assisted bin handling with remote control	■	■	■	■	■	■	■
Bag device	N.A.	N.A.	□	□	□	□	N.A.
DIN cover opener	N.A.	N.A.	□	□	□	□	N.A.
Aluminum body	□	□	□	N.A.	N.A.	N.A.	N.A.
Compaction	N.A.	N.A.	■	■	■	■	■
Footboards one side	N.A.	N.A.	□	□	□	□	□
Footboards both sides	N.A.	N.A.	□	□	□	□	□
Curtain on body roof (not with compaction mechanism)	□	□	N.A.	N.A.	N.A.	N.A.	N.A.

Chassis possibilities				
1.7 tons	■			
2.2 tons		■		
3.5 tons			■	
5.0 tons			■	
7.5 tons				■
11 tons				■

■ standard □ optional N.A. not applicable

The manufacturer reserves the right to modify design equipment without previous notice