

# COMPRESSION REFUSE COLLECTOR



## Main Parameters

Items		FLM5070ZYSQL6GW	FLM5110ZYSQL6GW	FLM5180ZYSDF6GW
GVW	kg	7300	10550	18000
Payload Weight	kg	1570	3055	7125
Wheelbase	mm	3360	3815	4500
Upper Weight	kg	3450	3900	5080
Selectable Of Chassis Brand		JMC/ISUZU	ISUZU/DONGFENG	DONGFENG
Refuse Container Capacity	m <sup>3</sup>	7.5	10	14
Sewage Storage Capacity Of Garbage Box	L	2200	2850	3590
Waste Water Tank	L	220	270	585
Garbage Compression Density	t/m <sup>3</sup>	0.4-0.5	0.4-0.5	0.4-0.5
Hydraulic System Working Pressure	MPa	18	21	21
Loading Recycle Time	s	≤17	≤17	≤23
Lifting Recycle Time	s	≤16	≤16	≤16
Discharging Time	s	≤45	≤45	≤50
Max Shirking Force	kN	186	218	370
Max Crush Compressing Force	kN	180	160	210
Compression Frame		One-way Compression	One-way Compression	One-way Compression

# Base Specification

## Body:

- The rear part of the tank is designed to form a closed sewage tank, which can store a large amount of sewage. The rear door is equipped with an adjustable locking hook mechanism to ensure reliable sealing and prevent secondary pollution such as sewage dripping and leakage.
- The sliding block of push plate is made of high wear-resistant alloy material with long service life.

## Control system:

- It has automatic and manual double control mode, which can control the garbage truck operation in the cab, the middle of the car, the back of the car, etc., convenient and efficient.

## Hydraulic system:

- A compression mechanism and a garbage can compression device are arranged on the top of the box to compress the garbage in the box of this type of vehicle. And no filler, short rear suspension, good mobility.

## Safety:

- It has the emergency brake button of the whole vehicle.

## Other advantages:

- Adopt the feeding mechanism to lift the support device, eliminate the error produced during the preparation, make the mechanism move smoothly, and extend the service life of the feeding mechanism.
- After loading, it is compressed by the compression mechanism on the top of the box. The compression mechanism can replace the cover plate function in normal driving, so that the garbage is in a closed state.
- When discharging, open the back door and use the push plate to discharge, so as to ensure that the garbage is cleaned.
- Cam clamping device is adopted for the loading and unloading mechanism of garbage truck to effectively eliminate the risk of dropping the bucket during the loading process.
- Equipped with night work lights to facilitate the night work of sanitation workers.
- Equipped with vibrating cross beam device to eliminate the risk of barrel dropping in the process of high-level loading.

## Optional device:

- 240L (single bin, double bins) or 360L, 660L, 1100L standard bin lifting and turning mechanism can be selected.
- Stainless steel sewage tank (one on the left and one on the right) is optional.
- Aluminum alloy side guardrail is optional.