

## FLM5070GXWQ6 Sewer Suction Truck

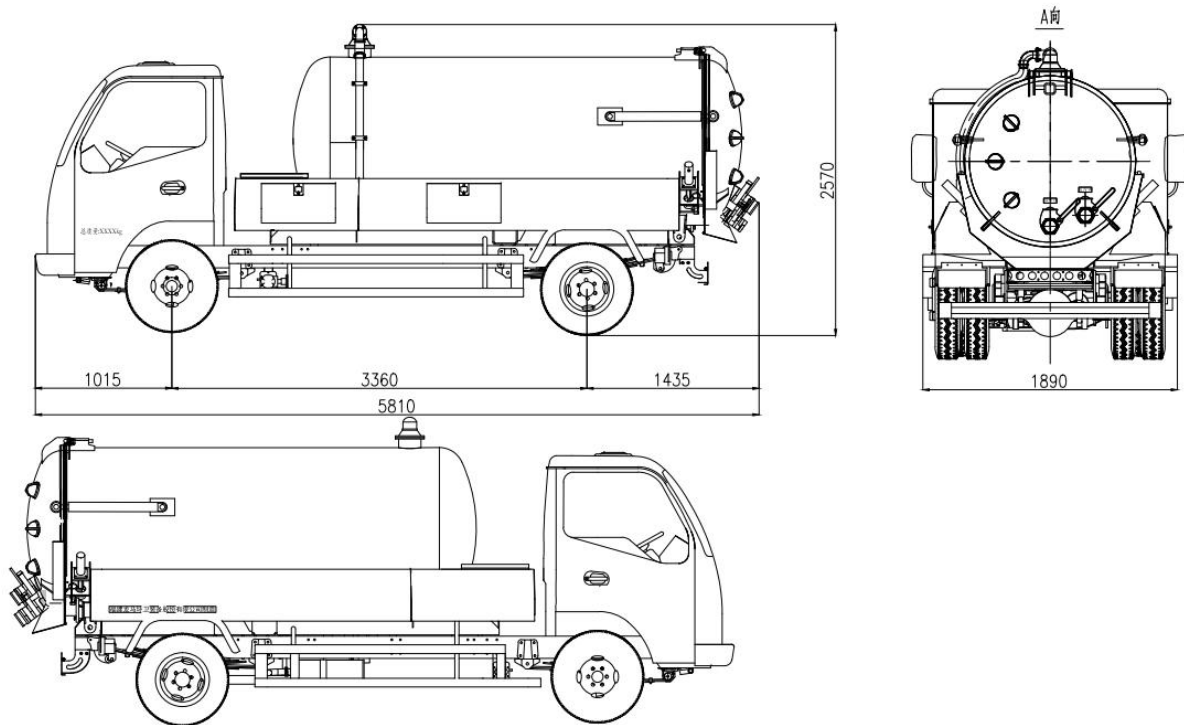


## 1. Main parameter introduction

Items			Specifications	
Chassis Model			CHONGQING ISUZU QL1070BUHACY(China VI)	
Engine Model			4KH1CN6LB	
Engine Rated Power (kw)			88	
Configurations			Standard	Optional Suction Boom
Dimensions	External Size	Length (mm)	5810	
		Width (mm)	1890	
		Height (mm)	2570	2760
	Wheelbase (mm)		3360	
	Front/Rear Overhang (mm)		1015/1435	
	Approach Angle (°)		24	
	Departure Angle (°)		22	
Mass	GVW (kg)		7300	
	Curb Weight (kg)		4010	
	Payload (kg)		3160	

Operating Performance Parameters	Vacuum Pump Model	Hangzhou WLOONG 50QZXDG-45/400  (Or optional Italian Jurop PN84D)
	Maximum Vacuum (MPa)	≤-0.085
	Hydraulic System Pressure (Mpa)	14 Mpa
	Theoretical Suction Speed (m <sup>3</sup> /min)	2.7 (9)
	Suction range (m)	≥6
	Full Tank Suction Time (min)	≤4 (≤3)
	Suction Hose Inner Diameter (mm)	110
	Theological Sewage Tank Volume (m <sup>3</sup> )	4.5
	Effective Sewage Tank Volume (m <sup>3</sup> )	3.95 (Announced parameters)
	Sewage Tank Tipping Angle (°)	≥45

**Note:** indicates the parameter when choosing Italy Jurop PN84D vacuum pump.



## 2. Main performance description

1. The truck adopts a round Q235B tank body (stainless steel tank body is also optional), which has good pressure bearing performance and integrates suction, transportation, unloading, and other functions. Small size, high flexibility, and equipped with night work lights, convenient for sanitation workers to work at night, can meet the needs of various working conditions, and play a huge role in various harsh environments such as floods.
2. Using three-dimensional design methods and means to carry out an overall design, component design, virtual assembly of the whole machine and components, the structure is more compact and more reasonable. At the same time, the sewage suction port is placed in the tailgate, and a detachable sewage suction pipe is used to optimize the pipeline layout,

making the appearance of the whole vehicle more beautiful.

3. It adopts standard Hangzhou WELOONG 50QZXDG-45/400 (or optional Italian Jurop PN84D) vacuum pump (air-cooled vacuum pump is small in size, light in weight, no cooling water tank is needed), and power is taken directly from the chassis engine without auxiliary generators, absolutely High working pressure, low fuel consumption (working in the idling state of the car), low noise, high suction, and long suction range.
4. The working device transmission system adopts a modular design and is driven by a belt, which makes the operation more stable, the parts have a long service life, and the maintenance and replacement frequency is low.
5. The imported liquid level display device is adopted, which is easy to observe, easy to disassemble, easy to clean and easy to maintain. Imported knife valves are used for both the suction and discharge ports, which can effectively ensure the long-term airtightness and reliability of the suction and discharge valves.
6. The tailgate adopts an independent patented adjustable locking mechanism, a hydraulic system with safety protection, and a double insurance mechanism to reliably seal the garbage tank body and the tailgate rubber strip to ensure that the sewage and feces are in a sealed state during the collection and transportation process. (National patent technology)

7. Optional manual rotating suction boom to enlarge the dirt suction area, wider dirt suction range, more labor-saving, and use detachable splicing suction pipe.