

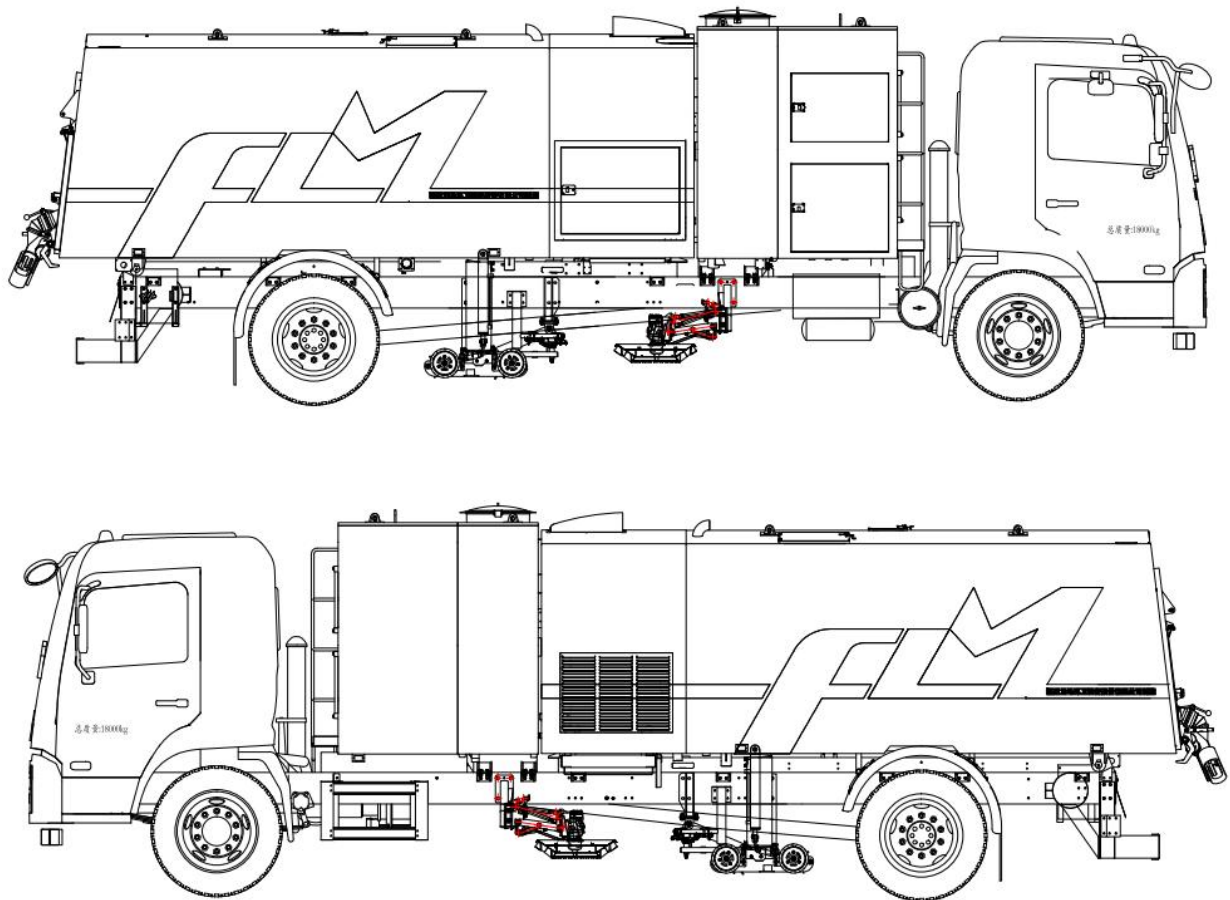
FLM5180TXSDG6NGL Street Sweeping & Washing Truck



1. Main Specifications:

Items	Specifications	
Chassis Model	EQ1185L9NDH	
Chassis Manufacturer	Dongfeng	
Chassis Engine Model	YCA07220N-60	
Chassis Engine Power (kw)	162	
Auxiliary Engine Model	Yuchai YC4G180N-50	
Auxiliary Engine Power (kw)	132	
GVW (kg)	18000	
Top Speed (km/h)	90	
Wheelbase (mm)	5600	
Passenger	3	
Front/Rear Overhang	1260/2250	
Approach/Departure Angle (°)	13/13	
Configuration	Type A: Standard Single Gas Tank	Type B: Optional Dual Gas Tank
Curb Weight (kg)	12400	12700
Payload (kg)	5405	5105
Dimensions (L*W*H) (mm)	9110×2520×3100	

High-pressure Water Pump Model	PT40 (PINFL)
High-pressure Water Pump pressure (Mpa)	10
High-pressure Water Pump Flow (l/min)	142
Sweeping Width (m)	3.5
Working Speed (km/h)	3 ~ 20
Sprinkling Pump Model	65QZB-50/110
Sprinkling Pump Manufacturer	WLOONG
Sprinkling Pump Head (m)	110
Sprinkling Pump Flow (m ³ /h)	50
Clean Water Tank Volume (m ³)	9.4
Garbage Tank Volume (m ³)	7
Air Conditioning	Warm/Cold



2. Main Characters

1. The garbage tank adopts a frame-type structure with a large curvature on the side. The body is uniformly stressed, has a strong structural performance and a beautiful appearance.
2. The working device adopts the layout form of "center-mounted two-pan sweep + center-mounted wide nozzle + built-in high-pressure main spraying bar+ left and right high-pressure side brooms".
3. The V-shaped arrangement of the left and right spray bars and the built-in nozzle of the main spray bar has no gap high-pressure nozzle spraying water arrangement, which effectively collects all the cleaned sewage and garbage to the

suction nozzle, and absorbs it in the sewage & garbage tank. The road surface does not leave dust and water, and the road surface cleaning, brushing, and sewage recovery are effective.

4. The sewage discharge device can effectively separate sewage and sludge and discharge the sewage separately according to the sewage situation in the trash bin at any time, effectively extending the continuous operation time of the washing and sweeping vehicle, and greatly improving the operation efficiency.

5. With hydraulic buffer type sweeping automatic adjustment technology, the contact force of the sweeping brush and the ground is maintained at a fixed value, the contact surface of the sweeping brush and the ground remains unchanged, and the sweeping brush can be automatically compensated after wearing without manual labor. Adjust to ensure that the cleaning efficiency is not affected.
(National patent technology)

6. The clean water tank and garbage tank are made of stainless steel and will never rust.

7. Equipped with a low-pressure sprinkler system, with left-center cylindrical side flushing and right-rear cylindrical side flushing devices, with adjustable nozzles.

8. It has a variety of safety alarm devices: low water level in the clean water tank, high water level in the sewage garbage tank, hydraulic oil leakage, operation prompts, auxiliary engine water temperature, oil pressure, reversing prompts, etc.
(Optional safety alarm device for dustbin tipping, resetting, and opening and

closing of the rear door.)

9. Adopt CAN bus intelligent control system to realize intelligent centralized control of electricity, liquid, and gas. The driver can complete various actions in the cab through the display screen and understand the vehicle operating conditions, operating parameters, and fault information. (National patent technology)

10. The left and right sweeping discs have obstacle avoidance protection and reset functions, and the left and right high-pressure side booms have two-way automatic obstacle avoidance protection and reset functions. (National patent technology)

11. The center-mounted wide suction nozzle has a hydraulic floating function, which effectively extends the life of the rubber roller.

12. Pneumatic clutch is used for separation and combination of the high-pressure water pump, which is soft and has a long service life when working.

13. Equipped with a pneumatic net pipe antifreeze device, which can effectively ensure that the water spray parts will not cause structural damage due to icing; (national patent technology)

14. It has a road scrubbing device for sanitation vehicles, which uses a panning sweep to clean the dust and dirt on the road. The high-pressure water curtain cleans the road. The cleaned sewage and dust are collected at the suction nozzle and sucked into the garbage can through negative pressure inside, make the pavement clean. (National patent technology)



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