

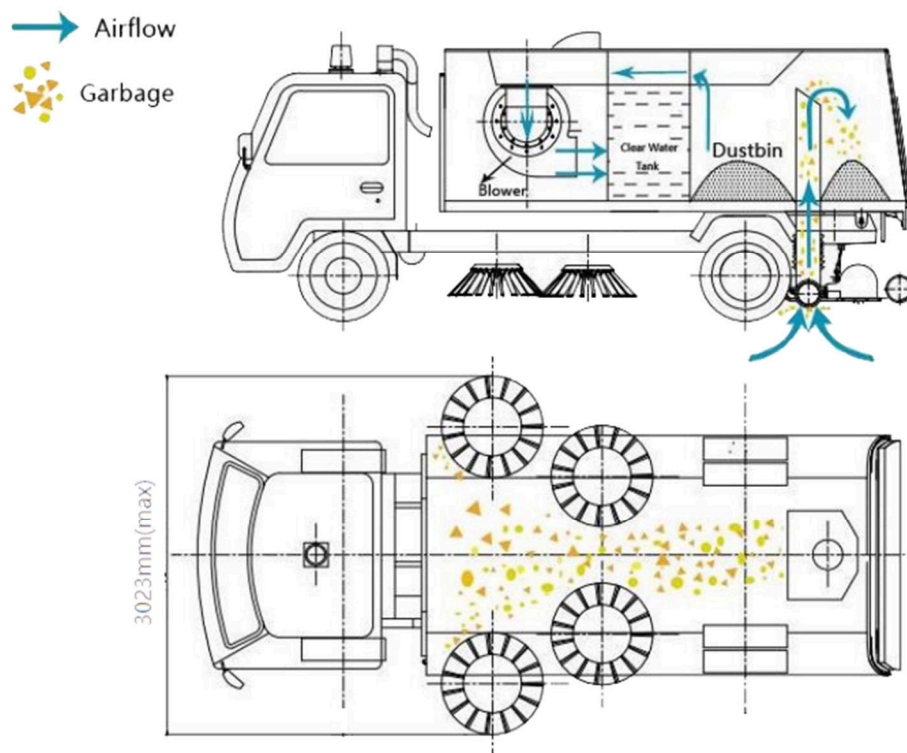
CLEANING SWEEPER TRUCK



Main Parameters

Items		FLM5080TXSDTBEVL	FLM5120TXSDTBEVL	FLM5180TXSDLBEV
GVW	kg	8495	11900	18000
Wheelbase	mm	3850	4200	5300
Payload Weight	kg	1425	3385	5180
Upper Weight	kg	3420	3180	4475
Max Speed	km/h	85	90	88
Selectable Of Chassis Brand		DONGFENG	DONGFENG	DONGFENG/FAW
High Pressure Pump Model		NX-C85/120	NX-C85/120	KT40
High Pressure Water Pump pressure	MPa	12	12	10
High Pressure Water Pump Flow Rate	L/min	85	85	142
Dustbin Effective Volume	m³	2.4	2.4	6.7
Water Tank Volume	m³	4	4.2	7
Max Sweeping Width	m	3	3.2	3.5
Cleaning Speed	km/h	3~20	3~20	3~20
Power Type		BEV	BEV	BEV
Endurance Mileage	km	420	420	380
Total Electricity Storage Capacity	kWh	157.54	218.54	314.14

Technical Specification



Base Specification

Body:

- Optimize the distribution of clean water tank and waste water tank, maximize the effective space utilization, and keep a long continuous operation time. At the same time, the sewage can be discharged through the blowdown pipe during the operation, and the operation can be continued at any time with clean water. Multiple high-pressure nozzles with large flow are set in the garbage can to wash the garbage quickly.

Control system:

- CAN intelligent bus control system is adopted to realize the execution of all actions in the cab. Different pages on the display can realize different operation and information display.

Other advantages:

- The sewage valve discharge device at the back door can effectively separate the sewage and sludge and discharge the sewage separately according to the sewage situation in the garbage can at any time, effectively extending the continuous operation time of the cleaning sweeper and greatly improving the operation efficiency.
- It has the hydraulic buffer type brush ground distance automatic adjustment technology, which keeps the contact force between the brush and the ground at a fixed value, keeps the contact surface between the brush and the ground unchanged, and can automatically compensate after the brush is worn, at the same time, it assists the chain spring mechanical adjustment device to ensure that the cleaning efficiency is not affected.

Cleaning device:

- The whole vehicle adopts the configuration of "center two plate sweep + center wide suction nozzle + built-in high-pressure main nozzle + left and right high-pressure side spray bars". The high-pressure water pump is independently controlled by the electromagnetic clutch, and has a variety of operation modes of full wash sweep, full clean and full sweep, which integrates the sweep and cleaning functions and a whole body. One vehicle is multi-purpose and available all year round.
- The left and right spray rods are arranged in V-shape and the main spray rods built in the suction nozzle are arranged without gaps and high-pressure nozzles to spray water. The cleaned sewage and garbage are effectively collected to the suction nozzle and absorbed in the sewage garbage can, so that no dust and water are left on the road surface. The effect of road cleaning, brushing and sewage recovery is good.
- Equipped with automatic winch and high-pressure cleaning gun, it can self clean the whole vehicle, and clean and remove "psoriasis" such as footpath and street advertisements.
- It has a pneumatic pipe cleaning anti freezing device, which can effectively ensure that the water spray parts will not be damaged due to icing.

Safety:

- The sweeper and the left and right high-pressure side spray bars have the function of automatic obstacle avoidance, in which the high-pressure side spray bar has the function of front and rear obstacle avoidance. In the process of vehicle operation, the sweeper and the side spray bar will automatically avoid obstacles to prevent damage to components.
- It has a variety of safety alarm devices: low water level of clean water tank, high water level of waste water tank, operation prompt, reversing prompt, etc.

Hydraulic system:

- The middle wide suction nozzle adopts the hydraulic floating technology to effectively extend the service life of the rubber roller; the suction nozzle is equipped with the leaf sweeping function, and the opening of the feeding port is controlled by the electric control cylinder, which is simple and practical, and has good cleaning effect on the light floating objects on the road.

Optional device:

- Rear (upper and lower) spray.
- FLM5080TXSDTBEVL&FLM5120TXSDTBEVL
 - 1.Left and right road edge cleaning device.
 - 2.Video monitoring (the right side monitors the right front scanning and the road edge and rear part monitors the road operation effect).
- FLM5180TXSDLBEV:
 1. High pressure cleaning shoulder stones.