

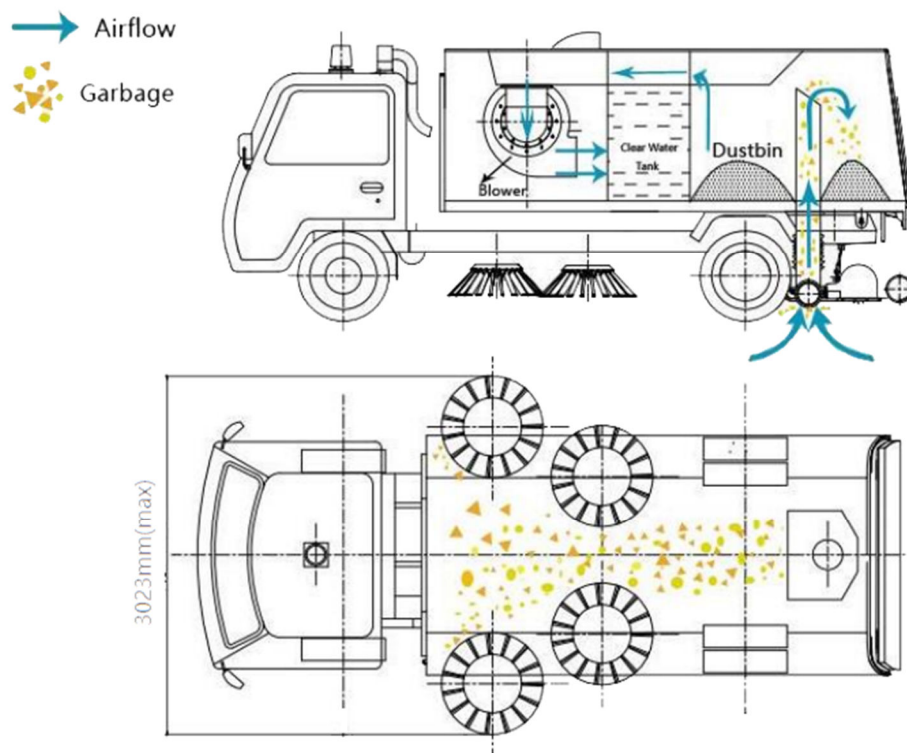
SWEEPER TRUCK



Main Parameters

Items		FLM5180TSLDF6GS
GVW	kg	18000
Wheelbase	mm	5000
Payload Weight	kg	6955
Upper Weight	kg	4950
Upper Transportation Dimensions	mm	5770×2500×2710
Max Speed	km/h	89
Selectable Of Chassis Brand		DONGFENG
Auxiliary Engine Model		QSB5.9-C160-30
Auxiliary Engine Power	kW	119
Legislation Compliance		NRMM Stage III
Dustbin Effective Volume	m³	5.4
Water Tank Volume	m³	2
Max Sweeping Width	m	3.5
Cleaning Speed	km/h	5~25
Sweeping Efficiency		≥96%
Max Sweeping Ability	m²	87500
Discharging Angle		≥45°
Secondary Filter Dust Collection Dustbin Volume	m³	0.5

Technical Specification



Base Specification

Exhauster fan:

- The auxiliary engine and fan adopt the automatic clutch connection device, which can ensure that the auxiliary engine automatically disengages from the fan during no-load start and shutdown of the auxiliary engine.

Body:

- The garbage can is made of SUS304 stainless steel, which will never rust.

Suction system:

- A large number of fine dust generated during the secondary filtration will not enter the air suction system after deposition. It will be collected by a special dust collection box and unloaded when dumping garbage, effectively reducing the load of the dust removal device of the road sweeper and ensuring the long-term cleaning operation of the vehicle.

Other advantages:

- Five kinds of advanced dust pressing and dedusting technologies are adopted, such as closed dust cover, negative pressure dust extraction device, air spiral centrifugal dedusting device, fan exhaust stratified internal circulation device, real-time pulse dust cleaning secondary air filter device, which effectively curbs the secondary dust generated during operation and realizes the continuous operation of road sweeper for a long time.
- Equipped with pneumatic pipe cleaning anti freezing device. The technology can effectively ensure that the components of the waterway system will not crack due to ice and damage the structural parts.
- The brush touch adjustment mechanism adopts the screw barrel adjustment control to ensure that the contact between the broom and the ground is within a certain range. The mechanism is simple and reliable.

Safety:

- The secondary generator adopts bus control technology. Standby start, warning fault and shutdown fault functions are available for auxiliary generators.
- The display has engine fault alarm reminder, speed, water temperature and oil pressure have analog instrument display, engine fault code display, and self-diagnosis function for controller I/O interface.

Sweeping equipment:

- The structure of the cleaning device is a combination of sweeping and suction. Two large-scale pan sweeps and wide suction nozzles cooperate with each other to thoroughly clean the garbage and thick dust and gravel along the road. The sweeper has the function of collision avoidance and automatic reset.

Control system:

- The air channel switching control mechanism is set, which can use corresponding working devices respectively in sunny and rainy days according to different dedusting principles. At the same time, the volume of water tank is large, and the wet operation time is long, so that this type of road sweeper can work all day with both dry and wet.
- The whole vehicle adopts centralized control of electricity, liquid and gas. The system is not only safe and reliable, but also energy-saving and environmental protection.

Optional device:

- Left and right front brushes can be controlled separately.
- Hydraulic oil heating device can be selected to ensure the normal operation of the hydraulic system in winter.
- Video monitoring (monitoring right or rear, or both)
- Music horn (Cab).