

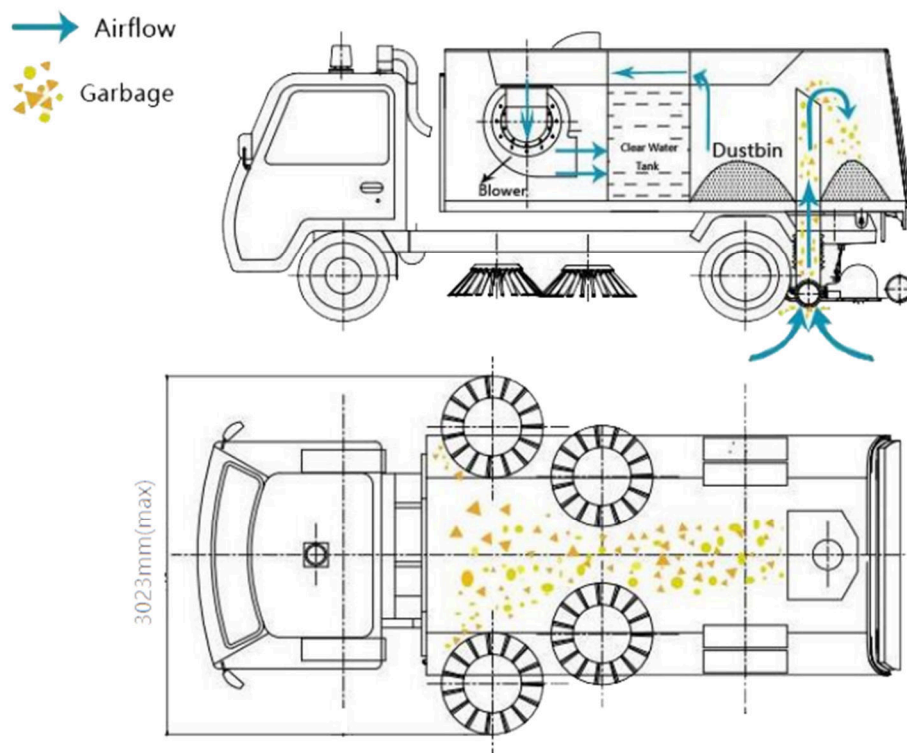
CLEANING SWEEPER TRUCK



Main Parameters

Items		FLM5180TXSDF6SD
GVW	kg	18000
Wheelbase	mm	5300
Payload Weight	kg	6105
Upper Weight	kg	5550
Upper Transportation Dimensions	mm	6510×2520×2505
Max Speed	km/h	89
Selectable Of Chassis Brand		DONGFENG
High Pressure Pump Model		PT40
High Pressure Water Pump pressure	MPa	10
High Pressure Water Pump Flow Rate	L/min	142
Sprinkler Pump Model		65QZB-50/110N
Sprinkler Pump Flow	m³/h	50
Dustbin Effective Volume	m³	5.1
Water Tank Volume	m³	10
Max Sweeping Width	m	3.5
Cleaning Speed	km/h	4~20

Technical Specification



Base Specification

Body:

- The clean water tank and garbage can are arranged separately to maximize the effective space utilization. The dustbin adopts double oil cylinder self-unloading, and the dustbin is equipped with low pressure and large flow flushing device, which can wash the dustbin quickly.
- The body shape of the whole vehicle adopts the side large curved surface modeling, arc transition, uniform stress on the body, strong structural performance and beautiful appearance.

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.

Cleaning device:

- The working device is arranged in the form of "four plate scanning in the middle + V-shaped spray frame in the middle + narrow suction nozzle with double suction ports in the middle". It has a variety of operation modes to realize the cleaning, cleaning, cleaning and dust collection of the road surface.
- The hydraulic buffer type brush ground distance automatic adjustment technology is provided to keep the contact force between the brush and the ground at a fixed value, and the contact surface between the brush and the ground remains unchanged. After the brush is worn, it can automatically compensate without manual adjustment to ensure that the cleaning efficiency is not affected.
- The left and right spray racks have the function of obstacle avoidance protection and reset.

Other advantages:

- High efficiency and fuel saving: the comprehensive fuel consumption of the oil electric hybrid cleaning car is reduced by more than 20% compared with the conventional power cleaning car.
- Power decoupling (single engine special vehicle): the power decoupling of single engine washing and sweeping vehicle is realized through the relative independence between the driving power installed on the oil electric hybrid system and the driving power of the chassis (that is, the loading operation and the driving power of the chassis are independent of each other). It breaks through the industry problem that the working speed of fan and water pump of single engine washing and sweeping car does not change with the change of chassis engine speed, and ensures the stable working status under various chassis driving conditions.
- Convenient maintenance: compared with the conventional auxiliary power, the upper drive motor has the advantages of convenient maintenance, low maintenance cost and low use and maintenance cost.
- Easy to operate: it supports one button constant speed cruise constant operation mode, which is convenient to operate and more stable to operate.
- Superior performance: the cleaning rate of the cleaning and sweeping operation is over 97% by using the working device on the top of the conventional power four plate cleaning and sweeping vehicle.
- System stability: the power output control system adopts Bosch control system, which is stable and reliable.
- Safety and reliability: the oil electric hybrid system has no high voltage and constant power, which is more safe than the pure electric system. The Eaton technology safety protection framework is adopted, and all power components have waterproof and dustproof grades of IP67 and above, and the power system is safe and reliable.
- Intelligent control: the upper control system adopts can bus intelligent control system, imported controller, 7-inch LCD screen in the cab to realize one key control of each operation condition, and display all operation parameters in real time, with electric, hydraulic and pneumatic intelligent centralized control to achieve the most optimized operation parameters.
- Green environmental protection: compared with conventional power washing and sweeping vehicles, oil electric hybrid washing and sweeping vehicles can effectively reduce energy consumption and emission pollution of the whole vehicle, which is green and environmentally friendly.

Safety:

- It has a variety of safety alarm devices: low water level of clean water tank, high water level of waste water tank, hydraulic oil leakage, operation tips, auxiliary engine water temperature, oil pressure, reversing tips, etc.

Optional device:

- Equipped with multi angle shoulder cleaning nozzle, it can adapt to a variety of shoulder heights and effectively remove the dead corner garbage on the shoulder.
- Rear (upper and lower) high-pressure spray.
- Rear low-pressure water spray.
- Optional RTX150,100N high pressure pump.
- KT40R high pressure water pump is optional.
- Left and right front brushes is controlled separately.
- High pressure single point desilting.
- Roll and sweep the front guard rail.