

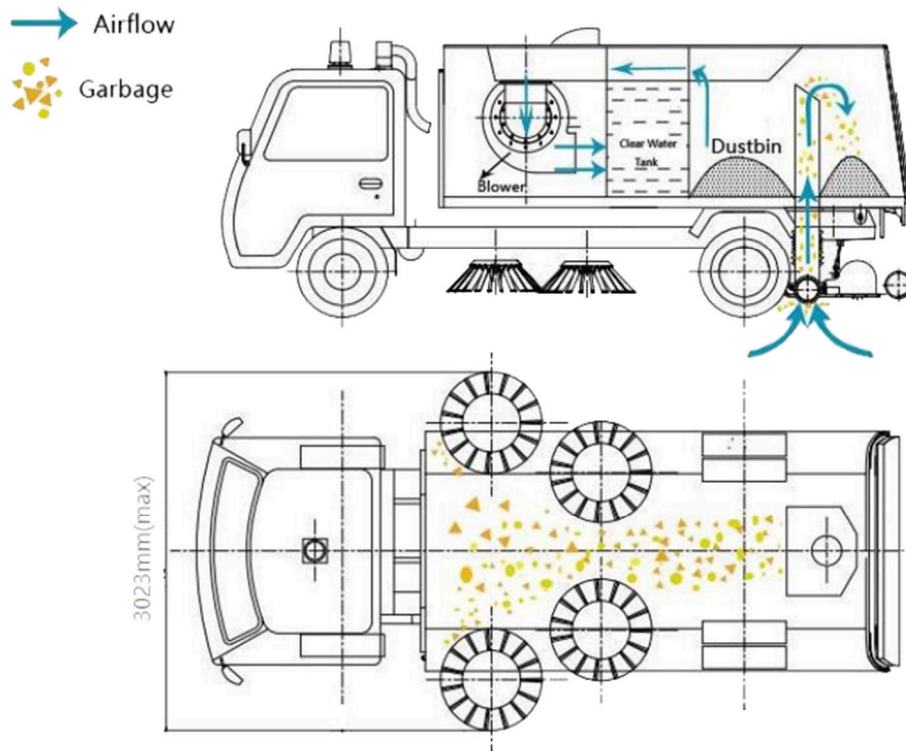
# SWEEPER TRUCK



## Main Parameters

| Items                       |                   | FLM5180TSLDF6D |
|-----------------------------|-------------------|----------------|
| GVW                         | kg                | 18000          |
| Wheelbase                   | mm                | 5000           |
| Payload Weight              | kg                | 7005           |
| Upper Weight                | kg                | 4900           |
| Max Speed                   | km/h              | 89             |
| Selectable Of Chassis Brand |                   | DONGFENG       |
| Dustbin Effective Volume    | m <sup>3</sup>    | 4.7            |
| Water Tank Volume           | m <sup>3</sup>    | 5.2            |
| Max Sweeping Width          | m                 | 3.5            |
| Cleaning Speed              | km/h              | 5~25           |
| Sweeping Efficiency         |                   | ≥97%           |
| Max Sweeping Ability        | m <sup>2</sup> /h | 87500          |
| Discharging Angle           |                   | ≥45°           |

# Technical Specification



## Base Specification

### Body:

- The garbage can adopts the overall stainless steel single-layer structure, which is not rusted as a whole. The garbage can adopts the inclined plate structure, which is convenient for unloading and does not need manual intervention.

### Control system:

- The upper control system adopts CAN bus intelligent control system, imported controller and centralized control of electricity, gas and liquid. The driver can complete various actions in the cab.

### Hydraulic system:

- Use the hydraulic system to control the operation of the special working devices such as the expansion and lifting of the sweeping disc and the lifting of the suction nozzle. Compared with pneumatic system control, hydraulic system control has the characteristics of safety, reliability and quick response.

### Safety:

- It has a variety of safety alarm devices: low water level of clean water tank, operation prompt, water temperature of driving motor, oil pressure, reversing prompt, hydraulic oil leakage alarm, garbage bin tipping, reset safety alarm and other devices.
- The oil electric hybrid system has no high voltage and constant power, which is safer than the pure electric system. It adopts Eaton technology safety protection framework of the United States. All power components have waterproof and dustproof grades of IP67 and above, and the power system is safe and reliable.
- The display has the drive motor fault alarm reminder, the speed, water temperature and oil pressure have the analog instrument display, the engine fault code display, and the controller I/O interface self-diagnosis function.

## **Other advantages:**

- It has a pneumatic pipe cleaning anti freezing device, which can effectively ensure that the components of the water spray device will not crack due to icing and cause structural damage.
- The brush touch adjustment mechanism adopts chain adjustment control to ensure that the contact amount between the broom and the ground is within a certain range. The mechanism is simple and reliable.
- It has the function of enhancing dust suppression, which can adapt to the cleaning of the road with thick dust.
- The power decoupling of the single engine sweeper is realized by the independent driving power of the upper and the driving power of the chassis (that is, the operation of the upper and the driving power of the chassis are independent of each other). It breaks through the industry problem that the fan speed of single engine sweeper does not change with the change of chassis engine speed, so as to ensure the stable operation state under various chassis driving conditions.
- 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.

## **Sweeping equipment:**

- The operation mode of combination of sweeping and suction, wet dust removal, electro-hydraulic gas control, hydraulic tipping and unloading is adopted with the central four plate sweeping + rear built-in roll sweeping nozzle; the sweeping plate has at most three operation modes: full sweeping, left sweeping (optional), right sweeping (optional), so as to realize the cleaning and dust collection of the road surface.
- High, medium and low gear can be selected according to different cleaning conditions to ensure good cleaning effect under various pollution conditions.

## **Optional device:**

- Electric (cylinder control) suction leaf rolling suction nozzle
- Video monitoring (monitoring right or rear, or both)
- Car washing device (body)
- Music horn (Cab)
- Left and right front scanning separately controlled.