

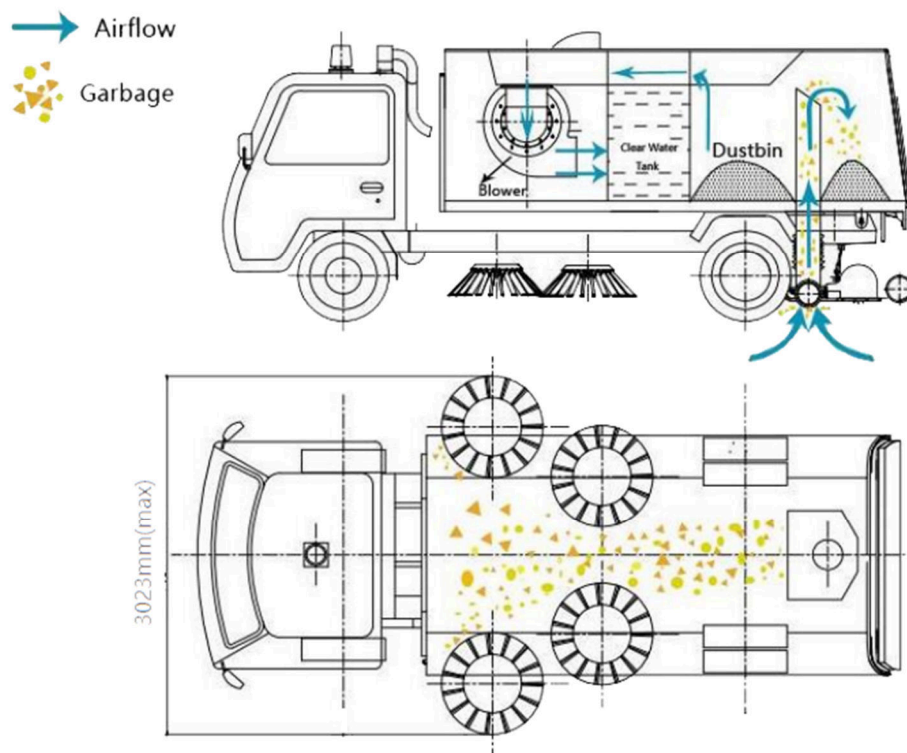
# SWEEPER TRUCK



## Main Parameters

| Items                              |      | FLM5040TSLNJB | FLM5180TSLDFB |
|------------------------------------|------|---------------|---------------|
| GVW                                | kg   | 4300          | 18000         |
| Wheelbase                          | mm   | 2650          | 5300          |
| Payload Weight                     | kg   | 1420          | 5605          |
| Upper Weight                       | kg   | 1160          | 4030          |
| Max Speed                          | km/h | 90            | 100           |
| Selectable Of Chassis Brand        |      | SAIC          | DONGFENG/SAIC |
| Dustbin Effective Volume           | m³   | 1.4           | 5.7           |
| Water Tank Volume                  | m³   | 0.75          | 4.5           |
| Max Sweeping Width                 | m    | 2.15          | 3.5           |
| Cleaning Speed                     | km/h | 3~20          | 5~25          |
| Sweeping Efficiency                |      | ≥96           | ≥96           |
| Max Sweeping Ability               | m²/h | 43000         | 87500         |
| Discharging Angle                  |      | ≥45           | ≥45           |
| Power Type                         |      | BEV           | BEV           |
| Endurance Mileage                  | km   | 230           | 370           |
| Total Electricity Storage Capacity | kWh  | 48.8          | 314.14        |

# Technical Specification



## Base Specification

### Exhauster fan:

- The transmission between the motor and the fan is equipped with an automatic clutch, which can ensure the automatic separation of the motor from the fan when the motor starts and stops without load, simplify the operation, reduce the impact on the motor, and improve the working reliability and service life of the motor.

### Sweeping equipment:

- The combination of central four plate scanning and rear suction nozzle is adopted to realize road cleaning and dust collection, with excellent cleaning effect.

### Body:

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

### 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.
- It has the function of enhancing dust suppression, which can adapt to the cleaning of the road with thick dust.

### Control system:

- Use the hydraulic system to control the operation of the special working devices such as the expansion and lifting of the sweeping disc, the lifting of the suction nozzle, etc. Compared with pneumatic system control, hydraulic system control has the characteristics of safety, reliability and quick response.
- It adopts intelligent control system, centralized control of electric and hydraulic, simple operation, and the driver can complete various actions in the cab.

## **Safety:**

- It has a variety of safety alarm devices: low water level of clean water tank, operation prompt, water temperature of auxiliary engine, oil pressure, reversing prompt, hydraulic oil leakage alarm, garbage bin tipping, reset safety alarm and other devices.

## **Optional device:**

- Left and right front brushes can be controlled separately.
- FLM5040TSLNJBVEV:
  - 1. Two electric diaphragm pumps are used for dust suppression and water spraying.
- FLM5180TSLDFBEV:
  - 1. Optional electric (cylinder control) suction nozzle for suctioning leaf.
  - 2. Music horn.
  - 3. Video monitoring (monitoring the right or rear, or switching between the right and the rear).
  - 4. TZ16XS-60FLM water cooled permanent magnet synchronous motor (CATL).