

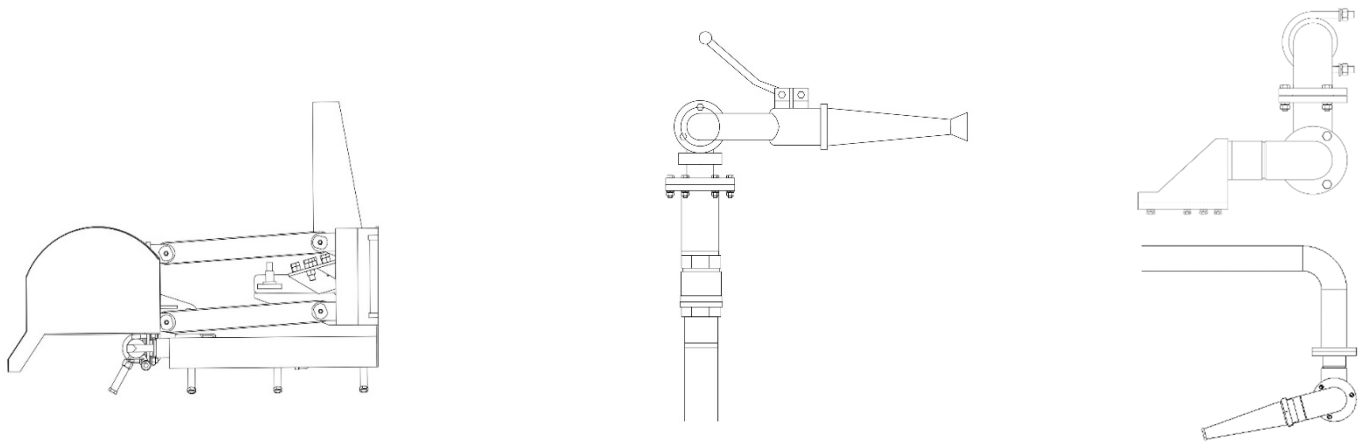
HIGH-PRESSURE SPRINKLER



Main Parameters

Items		FLM5180GQXDF6NG	FLM5250GQXDF6NG
GVW	kg	18000	25000
Wheelbase	mm	4500	4350+1350
Payload Weight	kg	8505	13540
Upper Weight	kg	3100	4540
Max Speed	km/h	89	89
Selectable Of Chassis Brand		DONGFENG	DONGFENG
High Pressure Water Pump Model		EL152/100	EL152/100L
High Pressure Water Pump Pressure	MPa	10	10
High Pressure Water Pump Flow	L/min	152	152
Front Spraying Width	m	≥3	≥3
Sprinkler Pump Model		65QZB-50/110	65QZB-50/110N
Sprinkler Pump Flow	m³/h	50	50
Rear High Sprinkler Range	m	≥50	≥50
Sprinkling Width	m	≥16	≥16
Washing width	m	≥24	≥24
Water Tank Effective Volume	m³	8.93	11.89

Spray Nozzle



Base Specification

Cleaning function:

- It has independent high-pressure and low-pressure water systems. The auxiliary engine is used to drive the high-pressure water pump, and the chassis engine is used to drive the low-pressure water pump.
- It has the functions of high-pressure cleaning and sprinkling water washing. The two functions can be used separately, and can be used together at the same time to clean the roads with different pollution levels.

Cleaning device:

- The front high-pressure cleaning device is composed of three sections of cleaning frame. During cleaning, the high-pressure water curtain is a complete straight line, and the extended cleaning arm has the function of self-obstacle avoidance.
- The utility model has the functions of front washing and rear sprinkling, and the nozzles with different characteristics are used before and after. The flushing pressure of the front nozzle is large, which can flush six lanes at a time; the rear spraying water is suitable for cooling and dust reduction.
- The vehicle is equipped with left and right column side impact device, and the nozzle can be 360 ° left and right, 360 ° up and down.

Control system:

- The whole vehicle is controlled by pneumatic system. All air valves are installed in the air control box, which can effectively isolate water and dust and extend the service life of air valves. The control switch is located in the cab, and all road operation functions can be operated in the cab.

Other advantages:

- The utility model has the function of multi angle and single point dredging, which is used for cleaning the local sanitary dead angle of the road.
- The rear working table is equipped with high water spray gun, which has auxiliary fire fighting function. The water spray gun can be adjusted into column or fog shape.
- Equipped with pneumatic pipe anti freezing device, to prevent the damage of water spray system components caused by residual water and ice in winter.

Body:

- The switch control valve and sprinkler system pipes are made of corrosion-resistant materials, and the tank body is treated with special process of spraying alloy paint; SUS304 stainless steel tank body can be selected.

LNG:

- The engine equipped with chassis engine and generator set is YUCHAI natural gas engine, with chassis engine reaching national VI emission. Natural gas vehicles are clean energy vehicles, with the following advantages:

Economy: each LNG truck saves about 20% - 30% of the cost compared with the diesel truck in the same horsepower section, no carbon deposition, no oil dilution, no need to change the oil frequently, reduce the maintenance times, reduce the maintenance cost, extend the service life of the engine, and reduce the abnormal loss.

Environmental protection: the content of methane in LNG is more than 90%, the sulfur removal is more thorough, and the emission is easy to reach the standard.

Safety: low temperature (-162 °C), low pressure (below 0.62 MPa), high ignition point (623 °C).

Good driving comfort: the octane number of LNG is higher than the 97# gasoline on the market, with good antiknock performance, low noise and smooth operation.

Safety:

- The water tank is equipped with a low water level sensor alarm system, which can automatically alarm when the water level is low, so as to prevent the water pump from being damaged due to water shortage.

Optional device:

- Stainless steel tank can be selected.
- Left and right side watering device.
- Self-priming device.
- 10M (22I hose) homemade winch with homemade car washing gun.
- A water inlet (fire hydrant interface) is installed on the top.
- Snow melting mixing device.
- Widening platform.
- Front automatic water cannon.
- FLM5250GQXDF6NG
 - 1.Stainless steel low pressure pipeline.
 - 2.Rear stainless steel spray.
 - 3.Rear (upper and lower) low pressure spray electric control.
 - 4.Stainless steel low pressure water pump (Model 80QZB-60/90S).
- FLM5180GQXDF6NG:
 - 1.Low pressure single point desilting device.
 - 2.Rear (upper and lower) high pressure spray electric control.
 - 3.Rear (upper and lower) high pressure spray manual control after total electric control.
 - 4.Optional left side curb cleaning device (first general electric control, then manual control).
 - 5.The lifting and swinging of front spraying frame is controlled by oil cylinder.
 - 6.Stainless steel low pressure water pump (Model 80QZB-60/90N).