

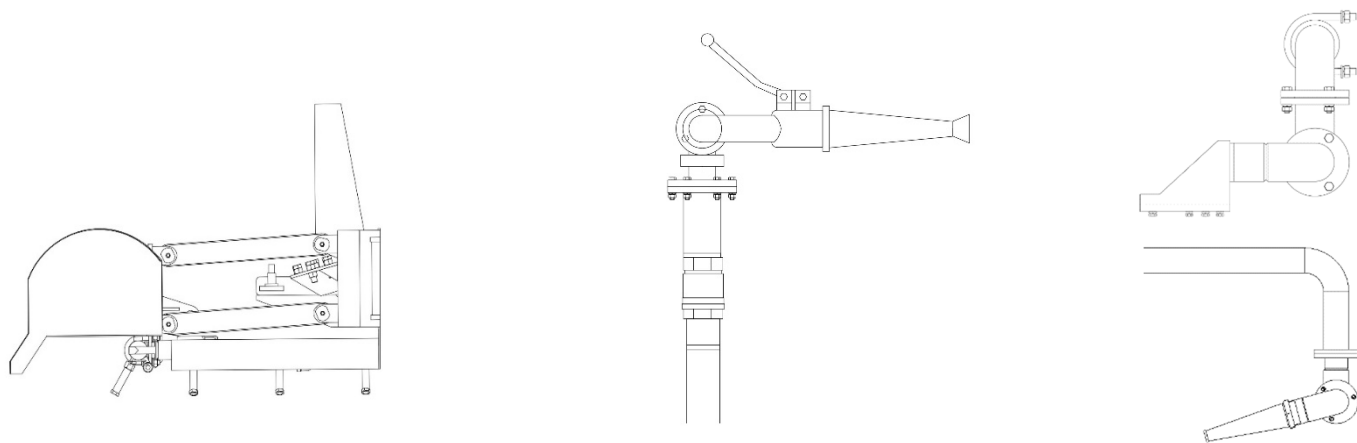
HIGH-PRESSURE SPRINKLER



Main Parameters

Items		FLM5120GQXNJBEV	FLM5180GQXDFBEV
GVW	kg	12495	18000
Wheelbase	mm	4170	4500
Payload Weight	kg	4610	13540
Upper Weight	kg	2765	2350
Max Speed	km/h	90	100
Selectable Of Chassis Brand		SAIC	DONGFENG/SAIC
High Pressure Water Pump Model		RTX150,100N	EL152/100L
High Pressure Water Pump Pressure	MPa	10	10
High Pressure Water Pump Flow	L/min	150	152
Front Spraying Width	m	≥3	≥3
Sprinkler Pump Model		65QZ-40/50N	65QZB-50/110N
Sprinkler Pump Flow	m³/h	40	50
Rear High Sprinkler Range	m	≥30	≥50
Sprinkling Width	m	≥12	≥16
Washing width	m	≥14	≥24
Water Tank Effective Volume	m³	4.84	9.63
Power Type		BEV	BEV
Endurance Mileage	km	406	190
Total Electricity Storage Capacity	kWh	218.54	162.3

Spray Nozzle



Base Specification

Cleaning function:

- It has independent high-pressure and low-pressure water systems. The upper mounted motor is used to drive high-pressure water pump, and the chassis motor is used to drive self-priming double-stage centrifugal pump. The two water systems can be used separately, and can be used together at the same time to clean 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 tank body is designed without skirt, the left and right side guardrails are made of aluminum alloy, and the whole vehicle is designed with light weight
- 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.

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.
- FLM5120GQXNJBEV
 - 1.Stainless steel low pressure pipeline.
 - 2.Rear stainless steel spray.
 - 3.Rear (upper and lower) low pressure spray electric control.
 4. Front automatic water cannon.
- FLM5180GQXDFBEV:
 - 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.High pressure water pump (VX-A161/110).
 - 5.Optional left side curb cleaning device (first general electric control, then manual control).
 - 6.The lifting and swinging of front spraying frame is controlled by oil cylinder.
 - 7.Automatic winch (with 20M 10I hose).
 - 8.Stainless steel low pressure water pump (Model 80QZB-60/90N).
 9. Domestic high pressure water pump:PF36.
 10. Front left automatic water cannon.
 11. Front right automatic water cannon.