



### I. General description and features of the product

The SG210A1 water tank fire-fighting vehicle is equipped with Germany MAN TGS 41.540 Category II chassis, America HALE 8FC fire water pump, and Akron 3578/5178 electric fire monitor. It is a kind of high-volume, high-flow, heavy-duty and versatile fire fighting vehicle.

### II. Advantages and highlights of the product

1. This vehicle is provided with imported high-performance features. It is equipped with Germany MAN TGS 41.540 Category II chassis, with the engine power up to 400kw and in compliance with China Emission Stage IV emission standards. Three seats in a single row are provided.

2. The perfect self-protection system is provided, and furthermore, the self-sprinkling devices are fitted on the cab top and tires.

3. The large-volume water tank, which can accommodate 21000kg water, is provided to obtain a high single fighting capability and a long-distance water supply capability.

4. The 8FC super-high flow water pump imported from America is fitted. Its flow can reach 10000L/m.

### III. Technical parameters

Major performance parameters of the vehicle		
Outline dimensions: (length × width × height)	11850×2500×3590mm	
Gross weight	39400kg	
Maximum speed	≥85km/h	
Minimum turning diameter	≤24m	
Liquid loading capacity (water)	21000Kg	
Fire-fighting system	Rated flow of the pump	130 L/s

	Rated pressure of the pump	1.0MPa
	Monitor model	3578+5178
	Rated flow of the monitor	120 L/s
	Rated pressure of the monitor	1.0MPa
	Injection range of the monitor	≥90m

#### IV. Main features

Vehicle chassis	
Chassis model	MAN.TGS41.540/8×4
Engine	Engine power: 397kw (540hp) /1900rpm;
Power take-off	Full-power power take-off: NMV221;
Fire-fighting system	
Fire tank	Material: 304 Stainless steel;
Water pump	America Hale 8FC fire pump; Maximum flow: 10000 L/M @ 1.0 MPa;
Sprinkling system	A self-protection sprinkling system is provided throughout the vehicle
Fire monitor	America Akron 3578+5178 electric remote control fire monitor. Flow adjustment range up to 120L/S; working pressure: 1.0MPa; injection range ≥90m.
Water pipeline control	Water pipeline control method: Electric & pneumatic