

## **ELECTRIC WATER TANKER BY-X20**

- **Introduction:**

Small electric water tanker BY-X20 is a new product developed by our company for properties, gardens, factories, universities, construction sites and other places. The water tanker is powered by batteries, which is economical and environmentally friendly, and has a beautiful appearance. It is mainly used for road watering and dust reduction, greening and watering, and emergency fire fighting. The water tanker has the characteristics of convenient movement, complete functions and large carrying capacity.



- **Product Images**



**HEAD OFFICE:** First Floor, Building No. 62, Nice Plaza, Canning Road,  
Saddar Cantt, Rawalpindi. **Tell:** 051-5529184, 051-8316139 & 41

**Karachi Plant:**

PSFCL, Pakistan Steel Mill, Bin Qasim, Karachi, Pakistan  
Tell: 051-35306403, Fax: 051-35306403

**Islamabad Plant:**

Chungi No. 26, Peshawar Road, Motorway Chowk, Islamabad.  
Tell: 051-5529184, Fax: 051-5562742



## • Product Parameters:

Items			Units	Parameters
Vehicle overall parameter s	Curb weight		kg	
	Gross vehicle weight		kg	
	Payload		kg	2000
	Dimensions (l x w x h)		mm	4200*1500*2100mm
	Wheelbase		mm	2000
	Wheel tread	Front	mm	1250
		Rear	mm	1250
	Length suspension	Front	mm	
		Rear	mm	
Min. ground clearance			220	
Working parameter s	Water tank	Material	Stainless steel and anti-corrosion on both sides	
		Volume	m³	2
	Duckbill fan area		m²	5
	Water cannon range		m	10
	Pump diameter		mm	50
	Sprinkler pump power		Kw	1.5
	sprinkler width		m	7-8
	Fog cannon range		m	15-20
Travelling parameter s	Cruising mileage		m	80
	Max. speed (no load)		km/h	35
	Max. climbing angle		%	15
	Braking distance		m	≤5.5
	Min. turning diameter		m	4
Chassis	Number of passengers		2	
	Chassis		Manganese steel cold riveted splicing light truck chassis	
	Drive motor power		Kw	7.5
	Power Supply		v	72
	Controller		V/A	
	Speed control		Continuously Variable Transmission	
	Battery	Type	Tianneng lead-acid maintenance-free battery (optional lithium battery)	
		Volume	AH	200
	Charging time		h	6-8h
	Front/rear axle		5 hole full floating load bridge	
	Tyre		185R14C	
	Braking method		Hydraulic drum brake + vacuum pump auxiliary brake	

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Body parameters	Body	Sheet metal electrophoretic spraying process	
	Air conditioner	Optional heating and cooling air conditioner, 360-degree adjustable wind direction	
	Driver cabin	Fully enclosed cab; front windshield is tempered glass	
	Seat	Waterproof leather sponge seat	
	Camera	Color reversing image	
	Water level observation	Yes	
	Water level alarm	Yes	
Optional Pure electric high voltage system	High pressure washing power	Kw	3
	washing pressure	Mpa	18
	water flow	L/min	15
	Hose roller Length	m	15
	High pressure washing method	Left sprinkle , right sprinkle, left and right high pressure washing high pressure gun washing	
Optional gasoline engine high pressure system	Engine power	13.5HP	
	Engine brand	Briggs & Stratton Engine	
	High pressure pump brand	Italy AR	
	Flow	15L/min	
	High pressure washing method	Left and right high pressure washing, high pressure gun washing	

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### • **Product Advantages:**

- The cab is made of high quality carbon structural steel main bend section and modeling tools. It is made of sheet metal, cold bending, molding and welding technology comprehensively. The push-pull glass door is beautiful in appearance, durable and fashionable.
- Chassis using large section 12 channel steel as the main longitudinal beam, and connected by seamless steel beam, with good bearing performance, reliable strength, anti torsion performance and modular structure design, spare parts universal interchange, which is safe and reliable.
- Vehicle control system: using single-chip microcomputer control, stepless speed accelerator, it has anti-electromagnetic interference, anti-flying car, start delay, reverse deceleration and other safety functions.
- Front and rear axle and brake: front and rear axle are all integrated structure, rear axle adopts full floating structure with high safety factor. Front and rear hydraulic brake, wide brake, with good stability and safety.
- Powered by pure electric, the vehicle is economical and environment-friendly. Besides, it adopts energy or super power maintenance-free battery.
- Water pump: Brushless DC self-priming pump, water pump power 1.5KW, sprinkling distance 5-6 meters, anti-aircraft gun injection distance up to 10 meters.
- Steering and braking system: equipped with EPS steering power booster, EBS brake vacuum power booster system, giving it flexible steering and reliable braking.
- Tyres: 8 meridian high load vacuum tyres, which is wear-proof with a long service life.

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