



## **ELECTRIC WATER TANKER TRICYCLE BY-X15**

### • **Introduction:**

Electric water tanker tricycle BY-X15 is a new product developed by our company for properties, gardens, factories, universities, construction sites and other places. The water tanker tricycle 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. Widely used in property, garden, factory, university, construction site and other road sprinkler and dust reduction, green watering, emergency firefighting



### • **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 parameters	Payload	kg	1500	
	Dimensions (l x w x h)	mm	3750*1400*2100	
	Wheelbase	mm	2200	
	Wheel tread	Rear	mm	1100
	Minimum ground clearance	mm	200	
Working parameters	Water tank	Material	Stainless steel and anti-corrosion on both sides	
		Volume	m <sup>3</sup>	1.5
	Duckbill fan area	m <sup>2</sup>	5	
	Water cannon range	m	15	
	Pump diameter	mm	50	
	Sprinkler pump power	Kw	1.5	
	Sprinkler width	m	7-8	
	Fog cannon range	m	15	
Travelling parameters	Cruising mileage	m	60-80	
	Max. speed (no load)	km/h	30	
	Max. climbing angle	%	15	
	Braking distance	m	≤5.5	
	Min. turning diameter	m	6	
Chassis	Number of passengers		1	
	Chassis		Futian Five Star	
	Drive motor power	Kw	1.5	
	Power Supply	v	60	
	Speed control		Continuously Variable Transmission	
	Battery	Type	Tianneng lead-acid maintenance-free battery (Optional lithium battery)	
		Volume	AH	75
	Charging time	h		6-8
	Front/rear axle		5 hole full floating load bridge	
	Braking method		Hydraulic drum brake	
Tyre specification		Front 3.50-16 Rear 4.50-12		
Body parameters	Body	sheet metal electrophoretic spraying process		
	Seat	Waterproof leather sponge seat		
	Camera	Color reversing image		

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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	HP	13.5
	Engine brand	Briggs & Stratton Engine	
	High pressure pump brand	Italy AR	
	Flow	L/min	15
	High pressure washing method	Left and right high pressure washing, high pressure gun washing	

### • **Product Advantages:**

- Use heavy-duty electric three-wheel chassis.
- The frame is an integrated curved beam structure, and the structure is firm and solid and suitable for various complex roads.
- The brake adopts the front and rear hub brake type, the braking effect is better.
- The vehicle is equipped with high and low gears to facilitate driving on sloped roads.
- Front and rear axles and braking: the front and rear are all integrated axle structures, and the rear axle adopts a full-floating structure, which has a high safety factor. Hydraulic brake, widened brake, with good stability and safety.
- The whole vehicle is pure electric, economical and environmentally friendly. The battery uses Tianneng or Chaowei 45AH dry-type maintenance-free battery, which has a stronger endurance.
- The LED headlights supply super brightness, makes it safe to drive at night.
- The controller is installed at the bottom of the vehicle, and is equipped with a mounting box, which is convenient for maintenance and can prevent damage caused by water splashing.
- The vehicle can be equipped with a high-pressure washing device, equipped with an imported Italian AR high-pressure water pump, with a maximum pressure of 280 kg, which can quickly wash sidewalks, auxiliary roads, curbstones, advertisements, trash cans, etc.,.

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