



ELECTRIC DEEP WASHING ROAD TRUCK BY-C30

• Introduction:

Electric Deep washing road truck BY-C30 is a collection of road sweeping and high pressure washing truck in efficient sanitation trucks, the truck power source adopts new energy lithium battery, with low noise and zero pollution discharge, it is economic and environmental-protected. It adopts cleaning mode without sweeping brush, and the closed cleaning operation mode of "high pressure washing + negative pressure recovery" is used to break the shortcomings of the traditional small machine sweeping truck, which is easy to raise dust when the sweeping brush is rotating, and effectively control the dust, making a new look on the washed and swept road surface. BY-C30 has a novel appearance. It can not only shuttle back streets, but also narrow roads, branch roads, universities, properties, squares, parks, airports, docks and other places for deep washing.



• 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	Curb weight	kg	3200	
	GVW	kg	4500	
	Payload	kg	1300	
	Dimensions (LxWxH)	mm	4500*1450*2200	
	Min. ground clearance	mm	180	
	Wheelbase	mm	2200	
	Wheel tread	Front Rear	mm mm	1220 1220
Working parameters	Wash & sweep width	m	1.1	
	Wash & sweep speed	km/h	5~10	
	Washing speed	km/h	8~15	
	Washing capacity	m ² /h	3000-4000	
	Washing cleanliness rate	%	≥97	
	Washing methods	High-pressure washing + vacuum collection		
	High pressure pump	Rated pressure	Mpa	25
		Water flow rate	L/min	30
	Max. capacity of garbage bin	L	1100	
	Max. capacity of water tank	L	1400	
	Fans motor	Kw	7.5	
Hydraulic motor	Kw	1.2		
Discharge angle	°	45		
Discharge height	m	750		
Traveling parameters	Continuous working time	h	6-7	
	Max. speed (unloaded)	km/h	30	
	Max. climbing angle	%	15	
	Braking distance (full load 20km/h)	m	≤5.5	
	Min. turning diameter	m	6	
Chassis	Number of passengers	2		
	Chassis	Manganese steel cold riveted splicing light truck chassis		

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	Drive motor power	Kw	7.5	
	Power Supply	v	72	
	Battery	Ah	800(Lithium iron phosphate battery)	
	Charging time	Standard	h	6-8
		Fast charging (Optional)	h	2-3
	Tyre	205R14C		
Braking method	Hydraulic Drum brake + Vacuum pump braking assist			
Vehicle detail configurations	Cabinet	Adopting sheet metal electrophoretic spraying process, the left and right sides of the box are equipped with side doors		
	Air conditioner	Equipped with cold and warm air conditioning, with 360 degree adjustment of air outlet direction		
	Driver cabin	Adopting a fully enclosed cabin ; Front windshield is made of tempered glass		
	Camera	360 ° panoramic camera with color cameras on both front, rear, left, and right sides		
	Water level indicator	yes		
	Water level alarm	yes		

• Product Advantages:

- The working mode adopts the scrubbing mode without sweeping, and the closed cleaning operation mode of “high pressure washing + vacuum recovery” can restore the original color of the road, making it as wash as a new road;
- It has many functions such as road washing , vacuum recycling, front row washing with changeable angle, left and right side washing, roadside washing, hand-held high-pressure washing, etc,;
- It is equipped with a winter antifreeze system and a unique working principle design, which can avoid icing of the pipeline in winter and ensure the stable operation of the vehicle;
- The vehicle is equipped with heating and cooling air-conditioning, radio, integrated display,

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- Integrated operation panel, etc. to improve the driving comfort;
- The vehicle can optionally be equipped with a smart environmental sanitation big data operation and maintenance system, which can view operation data, battery data, and operation trajectory
- In real time; the vehicle is comfortable to drive, simple to operate, and has no high requirements on the driver;
- It is equipped with a six-channel monitoring system. During operation, the operating environment and operating results around the vehicle can be viewed inside the cab, effectively improving
- Working safety and operating quality.
- Can optional fast charging mode, the battery can be fully charged in just 2-3 hours;
- Equipped with a 1400L water tank, it adopts the fire-fighting water injection port, with water level display, water level alarm, drain port, overflow port, etc.
- It is equipped with 1100L waste bin, adopts hydraulic self-unloading method, and is equipped with observation port, self-cleaning function, sewage discharge port dump extension board etc.;
- Equipped high-pressure washing system, with a pressure of up to 20Mpa and a 15 meter high-pressure pipe, capable of high-pressure flushing the road surface.

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