



HIGH PRESSURE ROAD WASHING VEHICLE BY-C15

- **Introduction:**

Multi-function road pressure washing vehicle BY-C15, with multi-function washing operation capability, is mainly used for the rapid washing of urban sidewalks, auxiliary roads, roadside stones, as well as the washing of urban small advertisements and fruit suitcases. And garbage bins washing, ground dirt removal, road tile repair, bus station washing, public toilet washing, etc. It can be used with small road sweepers to quickly wash sidewalks and auxiliary roads, with higher work efficiency. The vehicle is small in size, light in weight, strong in traffic capacity, and will not damage other public facilities such as sidewalk road tiles, manhole covers, etc. The vehicle chassis adopts cold riveting splicing technology, electrophoretic coating, and is equipped with oversized tires and shock absorbers, which can easily cope with high load conditions. Moreover, the operation button can be operated in the cab equipped with cold and warm air conditioning, which is simple and convenient, safe, energy-saving and environmental protection



- **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	1670	
	Gross vehicle weight	kg	3250	
	Payload	kg	1580	
	Dimensions (l x w x h)	mm	4020*1400*2100	
	Min. ground clearance	mm	180	
	Wheelbase	mm	2050	
	Wheel tread	Front Rear	mm mm	1220 1220
Working parameters	Washing width	m	6-8	
	Speed of work	km/h	5~10	
	Washing efficiency	m ² /h	20000	
Washing methods	Washing methods	Left and right washing \ front washing \ side washing \ rear dust suppression \ high pressure hand gun		
	Max. washing pressure	Mpa	22	
	High pressure pump	Brand	Italy AR high pressure pump	
		Rated pressure	Mpa	25
		Flow	L/min	15
	Water pump motor	Brand	Liechima	
		Power	KW	5.5
	Water tank	Material	Integrated rotational molding water tank	
		Volume	L	1500
Drive motor	Kw	7.5		
Hose roller	m	15		
Traveling parameters	Working distance	Km	90-100	
	Max. speed (empty load)	km/h	30	
	Max. climbing angle	%	15	
	Braking distance (full load 20km/h)	m	≤5.0	
	Min. turning diameter	m	4.8	

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Chassis	Number of passengers		2	
	Chassis			
	Drive motor power		Kw	7.5
	Controller		V/A	
	Speed control		Continuously Variable Transmission	
	Power Supply		v	72
	Battery	Brand	Lithium battery	
		Volume	Ah/v	300/72
	Charging time	Standard configuration	h	≤8
		Fast charging (Optional)	h	3-4
	Tyre		185R14LT	
	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		Lead acid version optional Lithium version standard	
	Driver cabin		Adopting a fully enclosed cabin ; Front windshield is made of tempered glass	
	Seat		Waterproof leather sponge seat	
	Camera		High definition reverse image	
	Water level indicator		yes	
	Water level alarm		yes	
Engine type	Battery	Type	Lead acid	
		Volume	Ah	150/200
	Working motor		Kw	7.5
	Drive engine		HP	13.5
	Working time		h	6-8
	Charging time		h	Standard 6-8 (Normal charging)
Max Washing pressure		MPA	25	
Optional heating system	Heating system		Diesel heating furnace	
	Max. temperature		□	80

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- **Product Advantages:**

- Front washing: equipped with electric valve control, the washing direction can be changed at any time according with the needs of different ground conditions, and the water spraying direction can be adjusted during operation at both left and right so as to save 30 degrees.
- Front sweep: with electric valve control and front fan-shaped swing washing, you can replace the nozzle and adjust the direction manually.
- Box body: The box body is made of sheet metal spraying process, which must be overall sprayed after pickling and phosphating. It has a built-in integrated rotate molding water tank with a volume of 1500 liters. The water tank comes with a dedicated interface for cleaning and sewage, and the front of the tank has a water level observation window, which is convenient for real-time observation of the water level.
- Barrel accessories: It comes with a 15-meter water pipe automatic retractor, which is convenient for retracting and releasing the high-pressure pipe.
- Vehicle size: (length*width*height) 3850×1400×2100mm, compact body, agile shuttle through various streets and lanes.
- The main toolbox, with built-in hooks, used to store hand-held washing, high-pressure water guns, and hand-held brackets.
- Equipped with a handheld high-pressure spray gun and a rotating nozzle for washing small advertisements, trash cans, and ground garbage.
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