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Wash Vehicle

Model: HD-H51

Patent: Enclosed Road Sweeper (HD-E850FB)

Patent No.: ZL20163012333.0

☎ 966 55003 3692

☎ 966 58000 6668

Road Maintenance Vehicle

ROAD MAINTENANCE ALL-ROUND FLUSHING

High-pressure flushing Outstanding effect



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Utilizing AR Water Pump from Italy, this vehicle is designed for road maintenance and cleaning, effectively removing small ads, guardrails, and blind spots along road curbs in urban areas.

Advantage:

- **Robust and Durable Body:** The vehicle features a non-load-bearing body structure with strong rigidity and anti-distortion capabilities. The chassis is made of special steel plates with an overall riveted design for high strength and load-bearing capacity.
- **Reinforced Axles & Suspension:** Equipped with reinforced axles and a strong front/rear integral bridge suspension for enhanced bearing capacity.
- **Advanced Control System:** The vehicle's control system is managed by a single-chip microcomputer with safety features such as anti-electromagnetic interference, start delay, reverse deceleration, electronic anti-slip, and error reporting. Vacuum-assisted brakes provide excellent safety.
- **Versatile Cleaning Equipment:** Includes a front cleaning device, road line cleaning tool, hedging device, and manual spray gun for efficient operation.
- **Front Cleaning Device:** Features high-pressure water flow with electric control for up/down rotation (12°) and left/right deflection (18°), forming a complete cleaning plane.
- **Cylindrical Single-Point Cleaning:** Fully electric-controlled, allowing the driver to operate the device for precise movement in all directions from the cab.
- **Manual High-Pressure Spray Gun:** Equipped with a 15m high-pressure hose, enabling large-area cleaning of stains and street advertisements efficiently and effortlessly.

Specifications:

NO	Item Name	Unit	Specification
1	Dimensions(L/W/H)	mm	4550×1640×2150
2	Number of passengers	staff	2
3	Curb Weight	kg	1860
4	Water tank capacity	L	1500
5	Top speed	km/h	25
6	Mileage	km	80~100
7	Tread	mm	2150
8	Minimum off spacing	mm	200



9	Smallest braking distance	m	4
10	Motor Power	v/kw	72/7.5
Fuel			
1	Combustion engine models		Honda
2	High-pressure pump type		ZD2812
3	Maximum working pressure	bar	150
4	Maximum flow	L/H	1800
5	Maximum grade ability	%	20
Pure Electric			
1	Maximum working pressure	bar	250
2	Maximum flow	L/H	900
3	Maximum grade ability	%	25

Applications:

Can effectively clean the "psoriasis" in the city, small advertisements, road boards, guardrail, road teeth dead corners and other ground oil.

SUITABLE FOR MULTIPLE SCENARIOS

Large Area Cleaning Save Time and Effort



Municipal



Factory



Road



Square



Vallege



Community

Advantages:

- The body is featured with non-bearing body structure, which is strong in rigidity and distortion resistant.
- It is featured with reinforced axle and two rear tires, and the front and rear suspensions are the overall bridge style with strong carrying capacity.
- The cleaning devices consist of the devices including front cleaning device, cylindrical single-point (two point) cleaning device, manual spray gun device and so on.
- When the front cleaning device is working, the high-pressure water flow can form a complete cleaning plane. The electronic control rotates 12° vertically and swings 18° horizontally
- The operation of columnar single point cleaning device is fully electric controlled, and the driver can complete the operation in the cab.
- The full direction operations of the up, down, left and right are available.

- The rear end is equipped with manual high-pressure spray gun, and high-end 12-meter-long roll coil supporting water cannon. It is simple and convenient for operation, which both saves time and manpower. With the large operating range, it can be configured with a variety of specialized nozzles to clean the centralized strains and ad lets along the street.

Case Studies





STRONG BEARING CAPACITY

DURABLE

OPTIONAL COUNTER FLUSH/ROW FLUSH OPTIONAL HIGH-PRESSURE WASHER

Multi-functional Makes cleaning work easier and more comfortable



When the front cleaning device is working
High-pressure water stream
creates a complete cleaning surface



Rear is equipped a manual
high-pressure washer
High quality 15 meters long
coiled hose with high
pressure washer
Simple, convenient and
labor-saving operation
Large operating range



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STRONG BEARING CAPACITY

DURABLE

1500L LARGE CAPACITY WATER TANK

Long flushing time, high working efficiency



1500L large capacity
water tank can work
for a long time

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