



Electric Road Sweeper

Model: HD-S2000

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HD-S2000

The MN-S2000 is an electric road sweeper featuring a dedicated chassis, integrated structure, and combined sweeping-suction system. With a sleek design and flexible operation, it efficiently cleans debris such as gravel, cans, fallen leaves, and more. It is an ideal choice for sweeping large areas like streets, residential communities, schools, and more.



- High-pressure washing
- Air conditioning
- Dust suppression spray
- Handheld suction port
- Lithium battery

Application Scenarios



- 1: Municipal
- 4: Plazas



- 2: Factories
- 5: Service areas



- 3: Schools
- 6: Real estate

Cleaning Targets

Effectively cleans various hard surfaces (asphalt, concrete, stone, terrazzo, or brick) and is especially suitable for removing solid particles like leaves, cigarette butts, small stones, dust, and daily solid waste..



1



2



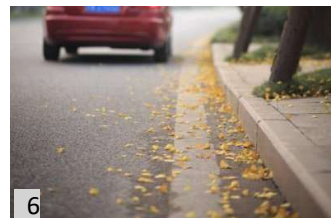
3



4



5



6

1: Concrete surface

2: Asphalt surface

3: Stone surface

4: Cigarette butts

5: Solid household waste

6: Fallen leaves

Product Details



Functional Components

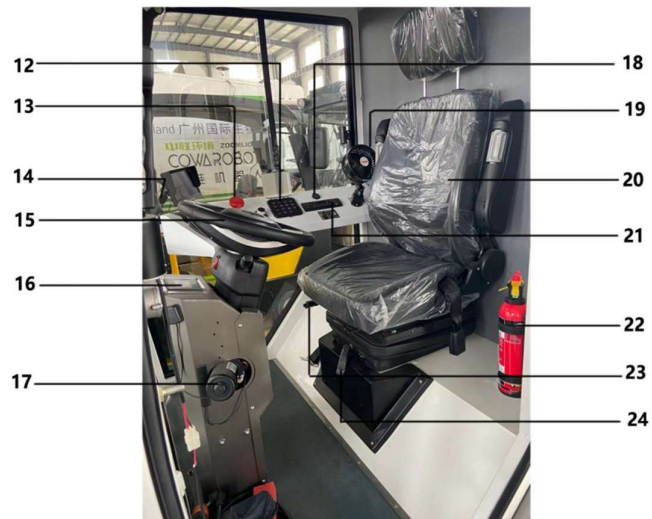
1. Rearview mirror
2. Wiper
3. Front headlights
4. Front side brush
5. Warning light



6. Maintenance side door
7. Charging port
8. Rear side brush
9. Arrow light
10. Hydraulic dustbin opening mechanism
11. Taillight



12. Control panel
13. Emergency break
14. Rearview camera
15. Steering wheel
16. LoT (Not in export version)
17. Power steering
18. USB port
19. Fan
20. Shock-absorbing seats
21. Music player
22. Fire extinguisher
23. Handbrake
24. Seat weight adjustment



Performance Features

- 1 cubic meter super-large capacity garbage bin, with hydraulic dumping system for easy waste disposal.
- Lightweight design with adjustable high-power AC fan for optimized performance on different terrains.
- 13-inch pneumatic vacuum tires for curb climbing; dual braking (handbrake + footbrake) for safety.
- Intelligent CAN bus-based control system for real-time monitoring of motor status, faults, and operation.
- Independent control of side brushes, dustbin, and fan. Equipped with FM radio and MP3/USB ports.
- Front windshield and side windows for ventilation.
- EPS power steering, color LCD rearview camera, warning lights, and safety guide lights.
- Optional high-pressure washing for cleaning ads, oil stains, and stubborn debris

Technical specifications

No.	Item	Unit	Specs
1	Cleaning width	mm	2000-2350(Adjustable)
2	Cleaning efficiency	m ² /h	>20000
3	Climbing ability	°	20
4	Main brush length	mm	700
5	Front/rear brush diameter	mm	700
6	Battery capacity	V/Ah	48/500
7	Working hour	h	3-5
8	Water tank	L	150
9	Dustbin	L	1000
10	Driving motor	kw	7.5
11	Working power (main brush+ fan+ side brush+ dust vibration+ oil pump+ optional pump)	W	700+5500+150×4+100×2+800+ (optional 1000)
12	Working speed	km/h	3-7
13	Driving speed	km/h	≤25
14	Filter area	m ²	24
15	Turing radius	mm	left4170 right5615
16	Dimensions	mm	3835×1485×2400(without side brush) 4425×1610×2400(with side brush)
17	Wheelbase	mm	1895
18	Net weight	kg	2060 (with lithium battery)
19	Heat/cooling AC		Standard (48V)
20	High-pressure wash& handheld suction		Standard

Customer Cases



Accessories



Main brush



Side brush



Filter