



HD-JS1800



## Articulated Road Sweeper

Mondel: HD-JS1800

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The HD-JS1800 is a combination sweeping-washing articulated road sweeper with a small turning radius and wide operational visibility. Ideal for cleaning large areas such as streets, residential communities, schools, and more Open spaces.



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

## Application Scenarios


**1**

**2**

**3**

**4**

**5**

**6**
**1: Municipal**
**2: Factories**
**3: Roads**
**4: Plazas**
**5: Villages/residential**
**6: Real estate**

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## 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



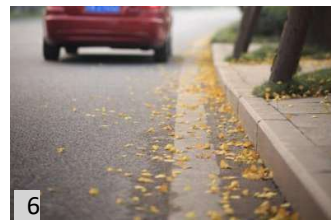
3



4



5



6

1: Concrete surfaces

2: Asphalt surfaces

3: Stone surfaces

4: Cigarette butt

5: Solid household waste

6: Fallen leaves

## Product Details



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## Functional Components

1. Front headlight

2. Rearview mirror

3. Wiper

4. Work lights

5. Side brush

6. Water filter port

7. Water level observation window

8. Cleaning gate

9. Water gun port

10. Maintenance gate

11. Taillight

12. Charging port



## Technical Specification

No	Item	Unit	Specs
1	Sweeping width	mm	1700
2	Cleaning efficiency	m <sup>2</sup> /h	17000
3	Climbing ability	%	20
4	Side brush diameter	mm	650
5	Battery capacity	V/Ah	72/500 (optional 600Ah)
6	Working hour	h	4.5-7
7	Water tank	L	150
8	Dustbin capacity	L	700
9	Driving motor	kw	7.5
10	Working power (fan+ side brushes)	w	5000+200×2
11	Working speed	km/h	0-10
12	Driving speed	km/h	≤25
13	Turning radius	mm	Left 2375 Right2435
14	Dimensions	mm	3980×1295×2040(without side brush) 4210×1505×2040(with side brush)
15	Wheelbase	mm	1575
16	Net weight	kg	2350
17	Heating/Cooling AC, handheld suction, high-pressure wash		Standard
18	Third side brush		Optional

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## Performance Features

- **Articulated hydraulic steering** for superior maneuverability (min. turning radius  $\leq 2.5\text{m}$ )
- Equipped with a **water recycling system** to reduce dust and water consumption.
- **Handheld suction tube** for cleaning debris in road depressions and roadside gutters.
- **Four-point suspended cabin** with 270° panoramic windshield for optimal visibility.
- **Adjustable shock-absorbing seat** and climate control for driver comfort.
- Standard equipped LCD back-up camera, working warning lights.
- Optional **third side brush** extends sweeping width to 2200mm.
- **700L stainless steel dustbin** for corrosion resistance and one-time waste disposal.
- **High-pressure cleaning system** for vehicle self-washing and stubborn dirt removal.