



Technical data

eSwingo 200⁺

Sweeper

The eSwingo 200⁺ is the first fully electric compact sweeper from Schmidt. It is ideal for daily cleaning and sweeping duties in inner-city and pedestrianised areas plus industrial locations and multi-storey car parks. The eSwingo 200⁺ is not only one of the cleanest compact sweepers on the market, but it also pays for itself in the overall whole life cost calculation. With the eSwingo 200⁺, up to 85% of energy costs and up to 70% of maintenance costs can be saved compared to a model with a diesel engine.



Technical data

	eSwingo 200 ⁺ 2-Brush	eSwingo 200 ⁺ 3-Brush
Hopper		
Tank volume	2 m ³	2 m ³
Tilt angle	102°	102°
Dumping height tilt discharge	1,400 mm	1,400 mm
Sweeping unit		
Disc brush diameter	850 mm	800 mm
Disc brush speed	120 1/min	100 1/min
Brush material	steel / Plastic / Mixedfill	steel / Plastic / Mixedfill
Sweeping width	1,400 - 2,900 mm	1,800 - 2,000 mm
sweeping width with 3rd brush	-	2,600 mm
Suction fan		
Speed	3,000 1/min	3,000 1/min
Water system		
Total water volume	400 l	400 l
Fresh water volume	200 l	200 l
Service water volume	200 l	200 l
Fresh water pump	3 bar / 11 l/min	3 bar / 11 l/min
Battery		
Total capacity	75 kWh / 400 V	75 kWh / 400 V
Safety	Non-flammable / 100% explosion proof	Non-flammable / 100% explosion proof
Operating time without re-charging	10 h	10 h
Charging time	4 h	4 h
Guaranteed charging cycles	5,000	5,000
Electric motors		
Power traction drive (rear axle)	38 - 90 kW	38 - 90 kW
Power fan drive	8.5 - 11.5 kW	8.5 - 11.5 kW
Steering		
Steering angle front axle	48°	48°
Steering angle rear axle	24°	24°
Turning circle diameter wall to wall (2-wheel steering)	8,600 mm	8,500 mm
Turning circle diameter kerb to kerb (2-wheel steering)	6,550 mm	6,550 mm

	eSwingo 200+ 2-Brush	eSwingo 200+ 3-Brush
Turning circle diameter wall to wall (4-wheel steering)	7,300 mm	7,000 mm
Turning circle diameter kerb to kerb (4-wheel steering)	4,950 mm	4,950 mm

Speed

Transport speed	25 km/h / 40 km/h / 45 km/h / 50 km/h	25 km/h / 40 km/h / 45 km/h / 50 km/h
Sweeping speed permanent use	12 km/h	12 km/h

Dimensions

Length without 3rd brush	-	4,200 mm
Length with brush	4,690 mm	-
Length with 3rd brush	-	5,200 mm
Width without brush	1,300 mm	1,300 mm
Height (without beacon)	1,990 mm	1,990 mm
Height with beacon	2,335 mm	2,335 mm
Wheelbase	1,900 mm	1,900 mm
Track width front	1,073 mm	1,073 mm
Track width rear	1,073 mm	1,073 mm

Weights

Empty weight of the basic unit approx.	3,300 kg	3,400 kg
Permitted total weight	4,500 / 5,000 kg	4,500 / 5,000 kg



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