

Suction sweeper

- Park Ranger 2150

Standard equipment:

- Hopper** As standard the hopper has a self-cleaning rotation filter system and a fresh water tank with 100 l capacity.
- Front brush unit - 2 or 3 brushes** Consists of 2 front brushes and a suction mouth or 2 front brushes, 1 side brush and a suction mouth. Each brush is equipped with a water sprayer to prevent dust spreading while the unit is working. The suction mouth is designed with few mechanical parts for lower operation and maintenance costs.
The side brush extends the sweeping width to 1660 mm and is perfect for sweeping in corners, under benches etc. With the side brush sweeping is possible at two levels: while the two front brushes sweep the road, the side brush can sweep the pavement or a higher stair step.
If the side brush is needed, this is a factory mounted solution.
- Height regulation** Nose wheel for height regulation of the front brushes for excellent sweeping result and minimal brush wear.
- Hopper stand** Frame for easy fitting, removal and storage of the hopper.
- Speed adjustment** Adjustable speed of the front brushes is standard.
- Water meter** A water meter on the side of the hopper ensuring an excellent overview over water consumption and capacity.

Extra equipment (options):

- External wander hose** The external suction hose is useful in areas that cannot be reached by the suction sweeper unit. With easy access, great mobility and excellent suction, cleaning can be done quickly around rubbish bins, under benches, on stairs or the like. The 6 m long hose is stored on top of the suction tank and is always ready for use. Specifications: 6 m x Ø150 mm.



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1200 / 1660 mm



2900 / 3500 mm



1850 mm
1935 mm

Technical specifications

Dimensions

Length with 2 / 3 brushes	mm	2900 / 3500
Width with 2 / 3 brushes	mm	1200 / 1660
Height with / without cabin	mm	1935 / 1850
Height with remote wander hose	mm	2200

Storage dimensions

Length with stand + 2 / 3 brushes	mm	1350 / 1500
Width with stand	mm	1200
Height with stand	mm	1920
Height with stand + remote wander hose	mm	2270

Weights

Weight with / without cabin ¹⁾	kg	960 / 850
Payload with / without cabin	kg	340 / 450
Weight - hopper (excl. remote wander hose)	kg	135
Weight - front brushes, 2 brushes	kg	58
Weight - front brushes, 2 brushes + 3 rd brush	kg	83

Hopper

Hopper net volume (EN 15429-1)	l	438
Hopper gross volume	l	458
Hopper load, max.	kg	300
Tipping height	mm	1300
Fresh water tank capacity	l	100

Sweeping system & performance

Working width - 2 brushes	mm	1200
Working width - 3 brushes	mm	1660
Turning circle - 2 brushes and hopper (wall to wall) ²⁾	mm	3490
Turning circle - 3 brushes and hopper (wall to wall) ²⁾	mm	4750
Brush speed	rpm	0-100
Brush diameter Ø	mm	570
Suction tube diameter Ø	mm	150
Ground clearance below suction mouth	mm	30-80
Ground clearance below brushes	mm	140
Air flow	m ³ /h	2500
Air speed	km/h	140
Fuel consumption @2400 rpm (EN 15429-2:2013)	l/h	2,8
Fuel consumption @2800 rpm (EN 15429-2:2013)	l/h	3,6
Dust levels: EUnited PM10 and PM2.5		****

Noise emissions

Sound power level L _{WA} (2000/14/EC and DIN EN ISO 3744)	dB(A)	107
Sound pressure level L _{pA} (DIN EN ISO 11201) ³⁾	dB(A)	87

Vibrations

Hand/arm (2002/44/EC and DIN EN ISO 5349-1)	m/s ²	1,35
Whole body (2002/44/EC and DIN EN ISO 5349-1)	m/s ²	0,49

CE certified according to EU directive

¹⁾ Includes: hopper, 2 brushes, 75 kg operator and 90% fuel capacity.

²⁾ EN 15429-1

³⁾ At operator's ear.

