



A company of the Aebi Schmidt Group

# SK 500

## Truck-Mounted Sweeper



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## Truck-Mounted Sweeper

- Quick and economical operation thanks to mechanical cleaning along the entire sweeping width
- Ideally suited for application in urban areas thanks to its small turning circle and compact dimensions
- Maximum suction performance and generously dimensioned hopper ensure extended operations and a high degree of efficiency

### Vehicle requirements

Standard truck chassis with a total permissible weight between 10 and 12 t

### Hopper

5-m<sup>3</sup> hopper with stainless steel, non-corrosive floor pan; hydraulic tipping backwards; 47° tipping angle

### Sweeping unit

Towed sweeping unit with brake-back protection equipped with disc brush, feeder brush and suction duct with integrated brush roller fitted between the axles. The sweeping unit can be mounted on the right, on the left or on both sides.

Disc brush diameter	600 mm
Feeder brush length	1,250 mm
Feeder brush diameter	350 mm
Sweeping width (DB+suction duct)	900 mm
Max. sweeping width (DB+feeder brush+suction duct)	2,000 mm

### Suction system

Hydraulically operated and adjustable high-performance suction fan. The flow-optimised, optimally integrated suction fan and the V-shaped suction duct permit high suction performance even at low engine speed. The towed suction duct minimises the risk of damage during sweeping operations.

Suction duct diameter (inner/outer)	550 / 600 mm
Suction hose diameter	250 mm

### Water system

Non-corrosive, glass fibre-reinforced plastic water tank with 1,100 l capacity; fresh water pump of up to 4 bar / 40 l/min. The disc brush, feeder brush and suction duct are supplied with spray water to capture fine dust particles. The SK 500 complies with the directives on particulate matter and bears the PM10 certificate.

### Suction fan and hydraulic unit drive

These are powered hydraulically via the PTO of the chassis engine or via a hydrostatic drive, which permits a continuously variable operating and driving speed of up to 40 km/h.

Continuously variable operating speed 0 – 20 km/h

### Operation

Control panel in the driver's cab directly next to the driver's seat; user-friendly menu control; furthermore, main functions, such as the adjustment of the disc brush, are installed directly next to the steering wheel

### Dimensions of de-mountable device\*

Length	3,300 mm
Width	2,300 mm
Height	1,840 mm
Tipping angle	47°

### Dimensions (example of 12-t vehicle incl. de-mountable device)\*

Length	5,800 mm
Width	2,450 mm
Height (without warning beacon)	2,880 mm
Frame overhang	1,020 mm

### Weights (example of 12-t vehicle incl. de-mountable device)\*

Empty weight	approx. 6,640 kg
Total permissible weight	10 to 12 t
Payload	approx. 5,360 kg

\*The indicated weights and dimensions depend on the optional equipment and the chassis

