



A company of the Aebi Schmidt Group

SK 700

Truck-Mounted Sweeper



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- Quick and economical operation thanks to mechanical cleaning along the entire sweeping width
- Ideally suited for heavy-duty applications thanks to its large operational radius and high payload
- 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 up to 18 t

Hopper

7-m³ hopper with stainless steel, non-corrosive floor pan; hydraulic tipping backwards; 60° tipping angle for safe and quick discharge

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	750 mm
Feeder brush length	1,500 mm
Feeder brush diameter	400 mm
Sweeping width (DB+suction duct)	1,000 mm
Max. sweeping width (DB+feeder brush+suction duct)	2,300 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 a 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 2,100 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 particulate matter. The SK 700 complies with the directives on particulate matter and bears the PM10 certificate.

Suction fan and hydraulic unit drive

Diesel-fuelled auxiliary engine, 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

Optional equipment

Noise suppression package for operation between 10 p.m. and 6 a.m.; extra front brush for sweeping on a second level or removing weed; spray bar for improved capture of particulate matter; wash bar for powerful surface cleaning, etc.

Dimensions of de-mountable device*

Length	4,060 mm
Width	2,300 mm
Height	2,150 mm
Tipping angle	60°

Dimensions (example of 18-t vehicle incl. de-mountable device)*

Length	6,400 mm
Width	2,500 mm
Height (without warning beacon)	3,200 mm
Frame overhang	1,165 mm

Weights (example of 18-t vehicle incl. de-mountable device)*

Empty weight	approx. 9,625 kg
Total permissible weight	from 18 t
Payload	approx. 8,375 kg

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

