



A company of the Aebi Schmidt Group

Wasa 300+

Towed Sweeper



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Towed Sweeper

- Large surface capacity of up to 48,000 m² thanks to large hopper and tank capacity
- Outstanding manoeuvrability thanks to slim drawbar with swivelling function
- Environmentally friendly operation, since the Wasa 300+ has no suction fan and thus avoids large amounts of particulate matter
- The extremely low noise level permits application in residential and urban areas
- Mechanical debris collection for maximum sweeping capacity even with large amounts of dirt

Hopper

Steel hopper with 3 m³ capacity, discharge height 1,750 mm, discharge to the right. The hopper is tipped hydraulically; hydraulically extendible support additionally protects the vehicle from tipping over. The hopper's shape (conical) is optimised to ensure safe and quick discharge.

Sweeping unit

Two towed disc brushes with brake-back protection and wear-free direct drive via hydraulic motor; hydraulic lifting and lowering of disc brushes incl. hydraulic brush ground pressure control via control panel; rear-mounted roller brush; wear-free direct drive of roller brush via hydraulic motor; innovative, adjustable roller brush cover for optimum sweeping results.

Sweeping width 2,400 mm

Collection system

Two disc brushes mounted on the sides in front of the axle transport the debris to the centre; the roller brush located behind the axle transports the debris to the generously dimensioned hopper via a broad elevator. The high throughput rate of the elevator is ensured by the 60° fitting position and the continuously variable transport speed control. The smooth running of the elevator is ensured by the top-mounted hydraulic motor.

Water system

Non-corrosive plastic water tanks mounted on the left and right; 1,100 l total water tank capacity; the tanks can be swivelled for cleaning and maintenance. The 12 water spray nozzles of the sweeping unit are supplied by a hydraulic water pump with a flow rate of up to 36 l/min.

Drive

Via PTO shaft (540 rpm)

Transport speed 40 / 50 / 80 km/h

Operating speed up to 20 km/h

Vehicle requirements

Suitable for tractors from 50 kW (70 HP)

Drawbar

Bottom or top coupling available; slim drawbar for outstanding manoeuvrability and a large steering angle; various drawbar eyes available

Optional equipment: hydraulic swivelling drawbar

Operation

Straightforward and logically arranged control panel in the driver's cab; intuitive handling; graphic display showing all relevant information

Technical data

Hopper (m ³)	3
Water tank (l)	1,100
Sweeping width (mm)	2,400
Disc brush (mm)	Ø 1,100
Roller brush (mm)	Ø 800 / L=1,150
Water pump (l/min)	max. 36
Length incl. drawbar (mm)	5,230
Length (mm)	3,800
Width (mm)	1,980
Height with warning beacon (mm)	2,460
Discharge height (mm)	1,750
Brake system	air brake system at 80 km/h with ABS hydraulic oil volume (l)
Hydraulic oil volume (l)	approx. 150
Electrical system (voltage supply)	12V or 24V

Weights

Empty weight (kg)	4,000
Total permissible weight (kg)	8,000
Permissible axle load (kg)	6,000

