



A company of the Aebi Schmidt Group

# TSS

## Towed Sweeping & Spraying Unit



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- Clearing and spraying in one operation reduces the number of working hours and material costs
- The combination of snow plough and brush allows for even more precise clearing operations
- Our spraying unit guarantees an even distribution of the spraying material and has an immediate effect. The high dosing accuracy enables you to achieve sustainable spraying material consumption

### Tractor & Vehicle connection

Attachment to tractor by means of standard, category II 2-point lifting device

Required tractor output power:

Brush width 1,800 mm 80 HP

Brush width 2,400 mm 120 HP

### Sweeping unit

Newly developed VKS high-speed cross brush with manually adjustable spoiler for optimum snow ejection (technically designed for up to 40 km/h). The unit is attached to a size-5 DIN mounting plate. The cross brush is guided via a parallel lifting device and can be hydraulically lifted, lowered and swivelled. The height-adjustable castor rollers optimise the cross brush guidance.

Cross brush diameter	800 mm
Brush width	1,800 / 2,400 mm
Swivelling angle	adjustable up to 26°

A standard VKS (2,400 mm) for a clearing speed of up to 15 km/h is available as an option.

### Spraying unit

The PE tank with 2,500 l capacity allows for a large operational radius.

The tank is equipped with baffles and a level indicator.

The minimum level switch ensures that the pump is switched off automatically on overfilling. The tank is filled via a manhole or a C-connector.

The sturdy spraying hose with single or double nozzle row as well as ejection nozzles to extend the spraying width is supplied by a fluid membrane pump (120 l/min). The spraying unit is suitable for use with all common de-icing agents.

Spraying width with 1,800 mm brush from 1.7 m to 4.5 m

Spraying width with 2,400 mm brush from 2.2 m to 5.0 m

The spraying width is asymmetrically adjustable in 3 steps.

### Trailer

The cross brush and the sweeping unit are powered by the PTO shaft coupling with hydraulic pump and oil tank integrated in the drawbar; drawbar with articulated joint for keeping the trailer in the tractor track; size-5 DIN mounting plate for the brush roller mounted in front of the axle; rear lighting incl. turn indicator and fog lamp; hydraulic or pneumatic brake system; the compartment integrated in the rear is lockable

### Drive & Control

The brush and the sprayer are powered via the tractor's PTO shaft. The plough and the brush are operated via the tractor's hydraulic system. The sprayer is operated path-dependently via the CL control panel in the driver's cab.

### Snow plough

Reliable clearing results are achieved using our SNK or CP snow ploughs.

	TSS 111	TSS 112	TSS 121	TSS 122
Brush width (mm)	1,800	1,800	2,400	2,400
Sweeping width (mm)	1,620	1,620	2,150	2,150
Spraying width (mm)	1,700/3,100/4,500		2,200/3,600/5,000	
Legal operating speed (km/h)	15	25	15	25
Length (mm)	4,830			
Transport width (mm)	1,950 - 2,095		2,550 - 2,630	
Height (mm)	2,000			

### Weight

	TSS 111	TSS 112	TSS 121	TSS 122
Empty weight (kg)	1,890	1,890	1,950	1,950

Subject to technical changes without notice!

