

SCHMIDT

A company of the Aebi Schmidt Group

Stratos

De-mountable Spreaders / Large Product Line



New Generation
4 - 6 m³

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De-mountable Spreaders / Large Product Line

New Generation

- **Smart:** The new Stratos features innovative and intelligent control, demount and distribution systems to make your winter service tasks even more effective.
- **Performance:** Higher efficiency of dosage, pre-wet and drive systems – an addition to your economic efficiency.

Frame & Hopper

The optimised, modular design enables you to create individual configurations that are precisely tailored to the specific tasks and operating conditions. The stretched, low design contributes to the vehicle's low centre of gravity and thus to the optimally matched winter service combination.

Mounting variants

There are two mounting options: mounting frame suitable for de-mount legs, hooklifts and fix-mounted systems or mounting frame suitable for ro-ro systems. Both systems can be demounted with a full hopper and full tanks.

Dosage systems

Conveyor belt system

V-shaped, endless conveyor belt running on a guide plate; low-maintenance bearing in drive roller; patented, integrated lump crusher, belt relief system integrated

Auger system

Powered hydraulically via gears; rear-mounted hexagon on the shaft; auger cover; low-maintenance bearing with two-stage auger flights; salt screen

Distribution systems

Premium stainless steel spreading disc of 490 mm Ø; can be folded via gas-pressure springs; spreading width 2 – 10 m; closed, height-adjustable PE chute; open chute is optionally available

Option: Premium spreading disc, 600 mm Ø
(5-zone mixing system) (spreading width 3 – 12 m)

Option: Premium spreading disc, 700 mm Ø
(5-zone mixing system) (spreading width 4 – 14 m)

Option: Premium^{plus} spreading disc (mixing chamber system)
(spreading width 2 – 10/3 – 12/4 – 14 m)

Pre-wet equipment

Side-mounted brine tanks (2,400 l) made of impact-proof polyethylene (PE) with level indicator; automatic dry material reduction when the brine supply is switched on; rear-mounted Storz C-connector with integrated filter for filling and emptying the brine tanks and filling option via a top filler cap. The brine pump (gear pump with a flow rate of 100 l/min) with dry running prevention automatically reduces the speed when the pre-wet setting is switched on. The integrated speed reporting sensor imparts a high level of accuracy to the system.

Drive systems

The spreader is powered via the vehicle's hydraulic system. Roto-power provides an efficient alternative. Other possible drive options include a conventional wheel drive or a diesel engine.

Operation

The spreader is operated via one of three ergonomically designed, fully path-dependent control panels of the new Schmidt Evolution Line.

Option: ThermoLogic,
Temperature monitoring via infrared sensor

Option: AutoLogic,
Automatic spreading with GPS navigation

Option: Smart WinterCare,
Information and management system for spreading operations

Safety

Optional equipment: warning beacon (halogen or LED), red-white marking, winter service marking, splash guard 2,000 or 2,200 mm

Capacity

Hopper size 4.0 / 5.0 / 6.0 m³
Brine tank 2,400 l

Dimensions & Weights

Hopper length 3,600 mm
Length of de-mountable device 4,100 / 4,700 mm
Hopper width 2,000 mm
Frame width 1,950 mm
Hopper height 1,490 to 1,770 mm
Empty weight approx. 980 to 1,100 kg

