

# Syntos

## Towed and De-mountable Spreaders



- Robust and non-corrosive spreader made from plastic
- Integrated liquid tank in the container for a low centre of gravity
- Available as both de-mountable and towed spreader

# Syntos

## Towed and De-mountable Spreaders

- Robust and non-corrosive spreader made from plastic
- Integrated liquid tank in the hopper for a low centre of gravity
- Available as both de-mountable and towed spreader

### Frame & Hopper

Low hopper design made of plastic for a low centre of gravity. The four hopper sizes allow for individual configurations to be tailored specifically to operational tasks and conditions.

### Mounting options

Suitable for mounting on platforms, pick-ups or narrow track vehicles, as well as for towing vehicles (small vehicles, tractors, cars with 4-wheel drive).

### Trailers

0.8 / 1.1 m<sup>3</sup>

Single or tandem axle with torsion springs, inertia braking system, drawbar with ball-type trailer and height-adjustable support wheel, maximum permissible transport speed 80 km/h.

1.7 m<sup>3</sup>

Single axle trailer with torsion springs, inertia braking system, height-adjustable drawbar with DIN drawbar eye (400 - 600 mm in stages) and support wheel, maximum permissible transport speed 25 km/h.

### Dosing systems

Belt conveyor

Cassette system with V-shaped, endless conveyor belt on a guide plate. Low-maintenance bearing in drive roller. Patented, integrated lump crusher. Integrated belt guard release.

Auger system

Cassette system with auger system. Drive via hydraulic motor. Salt screen 40x40 mm.

### Distribution systems

Spreading disc made of stainless steel 350 mm Ø, can be folded up, spreading width 2 - 6 m. Folding lock. Flexible impact-resistant spreading disc cover. The asymmetric spreading pattern adjustment takes place by means of a swivel head.

Option: Electrical spreading pattern adjustment for EC control panel

Option: Spreading control via LED headlights

### Pre-wet equipment

Integrated all-round brine tank with level gauge in the hopper. Automatic dry material reduction when the brine supply is switched on. Rear-mounted Storz C-connection with integrated filter to fill and empty the brine tanks, as well as filling option via a top fuel cap. The brine pump (gear pump 100 l/min) with dry running prevention automatically reduces the speed when the pre-wet setting is switched on. The system's high level of accuracy is ensured by an integrated speed-reporting sensor.

### Drive systems

The spreader is driven by vehicle hydraulics. The Rotopower offers an efficient alternative. The petrol engine is also among the options.

### Operation

The spreader is controlled by one of three ergonomically designed, fully path-dependent control panels from the Schmidt Evolution Line (EC, EP or ES).

Option: Wireless control for EP or ES

Option: ThermoLogic, temperature monitoring via an infra-red sensor

Option: AutoLogic, automatic spreading with GPS navigation

Option: ASH SmartCare Solutions, information and management system for spreading operations

### Safety

Option: Rotating beacon (Halogen or LED), rear spoiler on the hopper with brake, tail light and indicator, red-white marking, winter service marking, splash guard 2,000 or 2,200 mm.

### Capacity and weights

Hopper size de-mountable spreaders	0.8 / 1.1 / 1.5 / 1.7 m <sup>3</sup>
------------------------------------	--------------------------------------

Brine tank	400 / 520 / 625 l 850 l (1.7 m <sup>3</sup> )
------------	--

Empty weight	approx. 369 to 522 kg
--------------	-----------------------

Hopper size towed spreaders	0.8 / 1.1 / 1.7 m <sup>3</sup>
-----------------------------	--------------------------------

Brine tank	520 l (0.8 m <sup>3</sup> ) 625 l (1.1 m <sup>3</sup> ) 850 l (1.7 m <sup>3</sup> )
------------	---

Empty weight	approx. 785 kg (0.8 m <sup>3</sup> ) approx. 1,015 kg (1.1 m <sup>3</sup> ) approx. 1,200 (1.7 m <sup>3</sup> )
--------------	---

Subject to technical modifications.