

CSP

Compact Sprayer



Product Description

The sprayer type CSP is a compact sprayer designed for both preventive and curative de-icing operations in the municipal sector. Recently, this sprayer has also been available for attachment on tractors with three-point linkage. With the new CSP sprayer series, Aebi-Schmidt is following the new trend that municipalities apply more and more spraying technology for de-icing, performed by service contractors and farmers.

The high-performance machine consists of the following core elements: Fluid tank, spraying device, and control panel. These can be most individually adapted to the requirements and modularly assembled. Depending on the type of tractor, tanks with a capacity of up to 2,500 liters are available. The accurate dosage of the spraying liquid is path-dependently adapted to the driving speed via the speedometer signal. All spraying functions can be operated directly from within the driver's cabin via the CL-control panel. The control system is based on a modern CAN-System, which guarantees particularly accurate and safe control. The even distribution of the spraying liquid is achieved by means of a spray bar mounted at the rear of the sprayer. Depending on the desired dosage and driving speed, the machine can be equipped with a single or double spraying row, thus enabling the distribution of different dosages depending on the necessity.

Innovation

Reduction of environmental damage

Work simplification

**During the development of the CSP sprayer, the following issues have been particularly taken into account:
Reduction of environmental damage and work simplification.**

1. Studies have proven that spraying offers multiple advantages compared to dry or wet salt spreading:

- The de-icing liquid works faster (safety).
- A higher residual salt content stays on the road, which also leads to a faster thawing effect (safety).
- Considerable savings in spreading materials are possible (up to 20%), particularly with temperatures down to -6° C (cost reduction & environmentally friendly).
- Less harm to the environment (environmentally friendly).



2. The spraying quantity is path-dependently adapted to the driving speed, thus an accurate and even distribution is achieved also with a minimal dosage.
3. The CAN-control ensures a particularly accurate and safe control.

1. Operation from within the driver's cabin via the modern, intuitive CL-control panel.
2. Extendable with system options, such as AutoLogic (automatic spreading with GPS navigation) and WinterLogic (spreading data collection and management system).

Technical data



- | | | |
|---|------------------|-----------------------------------|
| 1 | Tank capacity: | up to 2,500 litres |
| 2 | Spraying widths: | 1.4 m symmetrical |
| | | 2.4 m asymmetrical left and right |
| | | 3.4 m symmetrical |
| 3 | Mounting: | 3-point hitch |
| 4 | Drive: | Vehicle hydraulics |
| 5 | Control: | CL-control |