



CSP

Compact Sprayers





- A low-salt de-icing solution for pedestrian ways and cycling tracks in the inner-city area; rapid thawing effect and even lateral distribution is achieved even at low speeds
- Reduced environmental impact and cost savings thanks to lower material consumption compared to pre-wet spreading
- Increased safety thanks to precise control and regular spraying pattern

Mounting and attachment options

The CSP is available for attachment to tractors with a three-point linkage as well as for mounting on trailers, transporters with a loading platform (e.g. Aebi VT450), pickup trucks or other narrow-track vehicles employed in the municipal area.

Frame & Liquid tanks

- The modular design permits customised configurations precisely adapted to the specific tasks and conditions
- The polyethylene tanks, which are impact-proof even at low temperatures, are suitable for any de-icing material
- The tanks can be filled either from the top (hose in the manhole) or at the bottom rear (Storz C-connection)

Brine tank capacity

| | |
|--------------------|-----------------|
| Trailer | 500 – 1,100 l |
| Tractor attachment | up to 2,500 l |
| Platform truck | 600 – 2,500 l |
| Unimog | 2,300 – 3,800 l |

* Other capacities available on request

Spray system

- Fixed spray bar (trailer/three-point linkage) or folding spray bar (platform truck or Unimog)
- Depending on the desired dosage and driving speed, the sprayer can be equipped with single- or double-row spray nozzles
- A membrane pump ensures that the de-icing material is efficiently transported from the PE tank to the distribution system
- Flat-spray nozzles with an extended pressure range ensure even brine application

| | Spraying widths |
|--------------------|--------------------------------|
| Trailer | 1.4 m symmetric |
| Tractor attachment | 2.4 m asymmetric left or right |
| Platform truck | 3.4 m symmetric |
| | 2.2 m symmetric |
| Unimog | 3.6 m asymmetric left or right |
| | 5.0 m symmetric |

* Spraying widths depending on the vehicle

Drive systems

- The CSP is powered by the carrier vehicle's hydraulic system
Required performance: 35 l/min at 60 bars
- The trailer variant is powered via the trailer's wheels

Operation

- The CSP is operated via a fully road-speed related control panel in the driver's cab
- All common de-icing materials can be pre-programmed
- Closed-loop electric and hydraulic circuits ensure precise distribution of even the smallest doses

Safety

Optional equipment: rotating beacon (halogen or LED), red-white marking, winter service marking, splash guard s

