

CSP

Sprayer

The CSP range of compact sprayers offers an efficient and environmentally friendly way to combat icy roads. The CSP is particularly effective in inner-city areas even at low speeds, and comes in different sizes with various equipment options. It is available for mounting on tractors with three-point linkage, trailers, Unimogs, transporters with platforms, pickups or other narrow-track vehicles used in municipal operations. It is also suitable for mounting on the Flexigo sweeper.

Highlights

- **Efficient de-icing** in municipal and airport areas
- **Even, lateral distribution**, at low speeds too
- **High manoeuvrability**, thanks to its compact design
- **Very precise spraying** through the super-effective ES control system

Your benefits

- **Low life cycle costs** due to the high-quality corrosion protection and low brine consumption.
- Designed for both **preventive** and **curative de-icing applications.**
- Suitable for towing vehicles such as small municipal vehicles and tractors, and for mounting on trucks with flatbeds, pickups and narrow track vehicles.
- **Reduced environmental impact** and higher economic efficiency.



We know how important it is that your machines and equipment are always ready to deploy. **Get in touch with us** about our range of tailored services and original spare parts.

Performance features

Modular concept

The CSP's use of liquid de-icing agents is an alternative to potentially environmentally-harmful gritting agents. In dry or slightly humid conditions, and at temperatures down to -6°, this method is particularly suitable for municipal winter road clearance services when consumption of de-icing agents needs to be drastically reduced. When compared to pre-wetted spreading, the residual salt content on the carriageway is higher. Once applied, the very low dosage of the spraying fluid sticks firmly to the road surface and remains there, so that the frequency of use can be significantly reduced.
The modular design of the CSP enables individual configurations that are precisely matched to a variety of tasks and conditions. The modular liquid tanks are made of cold-resistant polyethylene and enable a number of customised configurations. The tank volume is precisely coordinated to the carrier vehicle's axle loads. The CSP range can be easily mounted, disassembled or attached, so carrier and towing vehicles can be used all year round.
Possible variants:

- Variant with flatbed with 700, 1000, 1600, 2400 or 3000 l
- Variant with trailer with 1000
- Variant with three-point-linkage (Cat II/IIIN) with 350, 650 or 1000 l







Dosage and distribution system

For efficient de-icing, the exact dosage of the spray agent is vital. For this reason, the dosing is carried out in a closed electric-hydraulic circuit. The spray quantity is adapted to the driving speed via the speedometer reading and, depending on the distance travelled, good distribution is achieved, even at minimum dosage. The uniform application of the spray liquid is achieved via a spray bar mounted on the rear of the sprayer. Depending on the desired dosage and driving speed, the CSP can be equipped with either a single or double row of sprayers. Air injector nozzles are used to apply the spray agent, which produce large drops of liquid, optimising their impact. The spray nozzles are located close to the road surface, ensuring an even spray pattern.
A diaphragm pump ensures the spray liquid is efficiently moved from the tanks to the distribution system. Three spraying sections on the spray bar allow flexible adjustment of the required spraying width, while the proven nozzle technology ensures even application of the de-icer to the road surface. The nozzles are arranged side by side, creating an overlapping spraying result and more effective de-icing.





Drive options

As standard, the CSP is driven by the vehicle hydraulics of the carrier vehicles, and important control and hydraulic components are conveniently and centrally located in one area.

Control and information systems

The highly effective EvolutionLine control system ensures that the correct amount of spraying material is always applied for the selected dose. The spray quantity is road speed-related and adjusted automatically to suit the driving speed based on the speedometer reading.



Gallery







Variants

CSP 700 - on flatbed



The CSP 700 has a brine tank with a capacity of 700 l.

CSP 1000 - on flatbed



The CSP 1000 has a brine tank with a capacity of 1000 l.

CSP 1600 - on flatbed



The CSP 1600 has a brine tank with a capacity of 1600 l.

CSP 2400 - on flatbed



The CSP 2400 has a brine tank with a capacity of 2400 l.

CSP 3000 - on flatbed



The CSP 3000 has a brine tank with a capacity of 3000 l.

CSP A 1000 - trailer version



The CSP A 1000 has a brine tank with a capacity of 1000 l.

CSP T 350 - three-point-linkage



The CSP T 350 has a brine tank with a capacity of 350 l.

CSP T 650 - three-point-linkage



The CSP T 650 has a brine tank with a capacity of 650 l.

CSP T 1000 - three-point-linkage



The CSP T 1000 has a brine tank with a capacity of 1000 l.

Related products

Straliq

Sprayer





Trust in our many years of uniquely diverse experience. **Get in touch with us.** We'll find the right solution for your specific challenge.

Technical data

	CSP 700 - on flatbed	CSP 1000 - on flatbed	CSP 1600 - on flatbed
Pre-wet equipment			
Tank capacity	700 l	1,000 l	1,600 l
Distribution system			
Distribution systems	Spray nozzles: Spraying width: 1.4 - 2.4 - 3.4 m	Spray nozzles: Spraying width: 1.4 - 2.4 - 3.4 m	Spray nozzles: Spraying width: 1.4 - 2.4 - 3.4 m
Mounting/demount system			
Mounting/demount system	Platform	Platform	Platform
Drive system			
Type of drive	Vehicle hydraulics	Vehicle hydraulics	Vehicle hydraulics
Control system			
Control system	ES	ES	ES
Speed			
Working speed	30 km/h	30 km/h	30 km/h
Dimensions			
Mounting length	1,305 mm	1,500 mm	1,700 mm
Hopper width	990 mm	1,000 mm	1,250 mm
Frame width	1,200 mm	1,300 mm	1,490 mm
Weights			
Empty weight approx.	340 kg	370 kg	430 kg

	CSP 2400 - on flatbed	CSP 3000 - on flatbed	CSP A 1000 - trailer version
Pre-wet equipment			
Tank capacity	2,400 l	3,000 l	1,000 l
Distribution system			
Distribution systems	Spray nozzles: Spraying width: 2.2 - 3.6 - 5.0 m	Spray nozzles: Spraying width: 2.2 - 3.6 - 5.0 m	Spray nozzles: Spraying width: 1.4 - 2.4 - 3.4 m
Mounting/demount system			
Mounting/demount system	Platform	Platform	Trailer
Drive system			
Type of drive	Vehicle hydraulics	Vehicle hydraulics	Trailer wheel
Control system			
Control system	ES	ES	ES
Speed			
Working speed	30 km/h	30 km/h	30 km/h
Dimensions			
Mounting length	2,415 mm	2,110 mm	3,540 mm
Hopper width	1,250 mm	1,590 mm	–
Frame width	1,360 mm	1,700 mm	1,460 mm
Weights			
Empty weight approx.	525 kg	590 kg	685 kg

	CSP T 350 - three-point-linkage	CSP T 650 - three-point-linkage	CSP T 1000 - three-point-linkage
Pre-wet equipment			
Tank capacity	350 l	650 l	1,000 l
Distribution system			
Distribution systems	Spray nozzles: Spraying width: 1.4 - 2.4 - 3.4 m	Spray nozzles: Spraying width: 1.4 - 2.4 - 3.4 m	Spray nozzles: Spraying width: 1.4 - 2.4 - 3.4 m
Mounting/demount system			
Mounting/demount system	3-point hitch	3-point hitch	3-point hitch
Drive system			
Type of drive	Vehicle hydraulics / PTO	Vehicle hydraulics / PTO	Vehicle hydraulics / PTO
Control system			
Control system	ES	ES	ES
Speed			
Working speed	30 km/h	30 km/h	30 km/h

	CSP T 350 - three-point-linkage	CSP T 650 - three-point-linkage	CSP T 1000 - three-point-linkage
Dimensions			
Mounting length	780 mm	800 mm	900 mm
Hopper width	990 mm	1,250 mm	1,590 mm
Weights			
Empty weight approx.	320 kg	350 kg	380 kg

aebi schmidt group

Aebi Schmidt Holding AG
Lindbergh-Allee 1
CH-8152 Glattpark, Switzerland
Phone: +41 44 308 58 00
www.aebi-schmidt.com

© Aebi Schmidt Group
All rights reserved.
Technical data is subject to change.
Illustrations are not binding.
Errors and amendments excepted.

Document created on 10 JUL 2026

TELEMET
Efficiency Through Simplicity™

Advice, spare parts and service

Telemet · Office in Chile

Los Canteros 8723, La Reina, Santiago 7880414, Chile

Phone +56 22 356 2735

info@telemet.com

telemet.com