



ASPT

Airport Sprayer



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The ASPT is above all ideal for use on the complete airside infrastructure at small airports. The machine delivers de-icer liquid in a very precisely defined dosage via spray nozzles. The trailer-mounted spraying machine can simply be driven from any locally available tractor.

Construction and technology

The ASPT consists of three components: The vehicle body with a polyethylene liquid-carrying tank and the drive unit, two side-mounted spraying arms equipped with special spray nozzles and a rear-mounted spraying bar with spraying nozzles. The high-quality air injector nozzles are arranged in a single line. The spraying arms can simply be extended manually. The whole of the machine is coated with a specially developed anticorrosive protection. All spraying pipes are made of stainless steel.

Applications

The ASPT can be used both in conducting anti-icing and de-icing and has a fixed working speed. When the spraying arms are extended, a spraying width of 15 metres is achieved. The application of the de-icing liquid is carried out with high precision and in the form of a dense spray. The Schmidt proprietary low pressure pumping system with its air-injector nozzles permits a low spraying pressure to be used. Additionally, the spraying nozzles are mounted just 500 millimetres above the ground and produce large droplets. Hence swirling is reduced to a minimum. Thanks to the closely positioned nozzles, overlapping spray patterns are produced. The spray density is adjustable using a lever on the spraying machine.

The benefits of the ASPT sprayer

- Functional and reliable concept.
- Immediately ready for use without major preparation work.
- Reliable, easy to operate spraying system.
- Spraying with high precision and high density.

Technical data

Tank capacity	3000, 4000 or 5000 litres
Spraying width	15 m (optionally 18 m)
Working speed	20 km/h constant
Dosing amount	15 – 40 g/m ²
Application	Via nozzles
Drive	Via PTO shaft (optionally from vehicle hydraulics)
Construction	Trailer

Would you like to learn more about the ASPT? Simply ask us. We would be pleased to provide you with competent advice.

