



**DAMMANN**<sup>®</sup>



Pflanzenschutztechnik  
Fahrzeugtechnik  
Airporttechnik

## **DAMMANN Brain Sprayer**

- ➔ **High-precision**
- ➔ **Low loss**
- ➔ **Eco-friendly**
- ➔ **Variable**
- ➔ **Intelligent electronics**
- ➔ **Easy handling**
- ➔ **2 000 to 5 000 liters**
- ➔ **3 to 15 meters**

NH092021



HERBERT DAMMANN GmbH  
Dorfstr. 17  
D-21614 Buxtehude-Hedendorf  
Telefon: +49 4163 8163-0  
www.dammann-technik.de  
info@dammann-technik.de

**DAMMANN**<sup>®</sup>  
 Pflanzenschutztechnik  
Fahrzeugtechnik  
Airporttechnik



### Environmentally friendly winter service with brine

HERBERT DAMMANN GmbH has developed the DAMMANN brine sprayer for the high-precision application of brine especially for winter road maintenance. During its development, the focus was on using the proven technology from crop protection equipment and airport technology for winter road maintenance. As with all HERBERT

DAMMANN GmbH equipment, the focus is on highly precise, environmentally conscious and economical application of the liquid. Reports from the past winters show salt savings of up to 50% compared to FS30 in road maintenance depots and building yards that already rely on this technology.



### Model variety

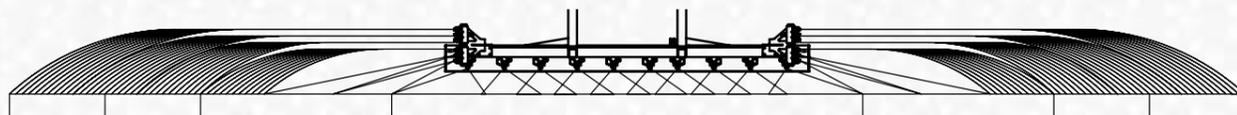
Brine sprayers are available as mounted, semi-mounted, hook-lift or trailed units, from 1,000 to 20,000 litres tank volume. These are adapted to the requirements and conditions of the customer.



### Proven nozzle technology

Experience from over 40 years of manufacturing machines for the high-precision distribution of liquids has gone into the DAMMANN Brine Sprayer. The pneumatically controlled nozzle technology distributes the liquids so precisely that only what is really needed has to be

applied. Working widths of up to 15 metres can be achieved with fan nozzles and point steel nozzles, which can also be switched asymmetrically. This makes it possible to completely treat inlets, turning lanes, bus stops and intersections in just one pass.



### Protected pump and control

The pump and all control elements are protected and clearly arranged in the technical room. Outside are only the assemblies that are necessary for daily work. There are no electrical components in the area of the liquid guide, the nozzle switching and pressure control is regulated via compressed air.

### User-friendly control

The DAMMANN brine sprayer can be equipped with various control systems. From the combined SPRAYDOS computer to the GPS-controlled ISOBUS system. All DAMMANN controls ensure exact and highly precise application of liquids. The ISOBUS system can be individually adapted and thus enables a precisely tailored software solution for spreading data acquisition; adaptation to existing systems is also possible at any time.



### BAST tested

The KS5003 has been successfully tested by the Federal Highway Research Institute in accordance with DIN CEN/TS 15597-2 „Winter road maintenance equipment - Spraying machines - Part 2: Requirements for spraying material distribution and testing“.

The self-priming piston diaphragm pump for self-filling also allows multiple/summer use as a self-propelled water tank, for washing equipment, watering equipment, etc. There are various optional options here.

