

EUnited Municipal Equipment

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Which spreaders have been tested?

Tests have been performed by all main manufacturers within the last two years. The list of tested spreaders includes machines from Epoke, Giletta, Gmeiner, Küpper-Weisser, Nido, Rasco and Schmidt. For a complete and regularly updated list of tested models please see our website.



Want to know more about EUnited Municipal Equipment and the test?

EUnited Municipal Equipment is the European industry association representing the main manufacturers of mobile municipal equipment like road sweepers, refuse collection vehicles, snow ploughs, salt spreaders and others. For more information please see our website www.eu-nited.net or send us an email: municipal-equipment@eu-nited.net.



EUnited Municipal Equipment is a sector group of EUnited aisbl – the European Association of the Engineering Industry

EUnited
Municipal
Equipment

Spreader

PERFORMANCE TEST

FOR SAFER ROADS

CLASS A

CERTIFIED

Why we developed a spreader test

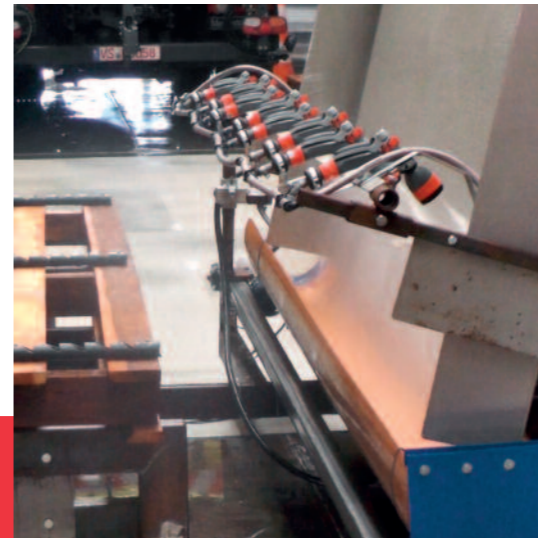
The challenge of a good salt or liquid spreader: To ensure safe roads whilst minimising the cost of salt and any negative impact on the environment. The solution: Spreaders should evenly distribute salt or brine over the whole area and not exceed road borders. But how do potential customers know the difference between good and poor performing spreaders? To support customers in their decision all major European manufacturers agreed upon a common test procedure to evaluate spreaders – the EUnited Spreader Performance Test.

Looking for a quality spreader? Look for the EUnited Spreader Test Label!

The test measures the uniform distribution of the spread material. The set-up is an enhanced model of the approach described in the European technical specification CEN/TS 15597-2. Unlike other tests it ensures that the results are not just a snapshot, but that they are comparable. Specific test conditions have been defined for 3 different size classes of spreader.

The EUnited Spreader Performance Test is conducted by the experienced Bygholm Engineering Centre of the

Danish University of Aarhus. Spreaders must pass through the test requirements several times before the results are accepted by the neutral testing facility. Based on their test reports and the configuration of the machine EUnited decides if the spreader passed the test and can be marked with the label.



How we test salt spreaders?

The test is carried out inside a hall which guarantees repeatability; excluding any wind or weather influence. The test track is covered with a special coating which is similar to a typical road asphalt surface. After verification by the static dosage test, the truck mounted spreader passes through the test track at defined driving speed and dosage settings.

The collecting zone is divided into sub-areas. These are 1 m wide by 2.5 m long and are constructed as tiltable plates in order to sample the spread material.

The amount of collected dry or pre-wetted material or alternatively brine is determined by conductivity measurements. This sophisticated solution, developed by the University Engineering Centre to measure uniformity of distribution, allows for fast and efficient measurement, collecting over 95% of the distributed material.

Spreader Test