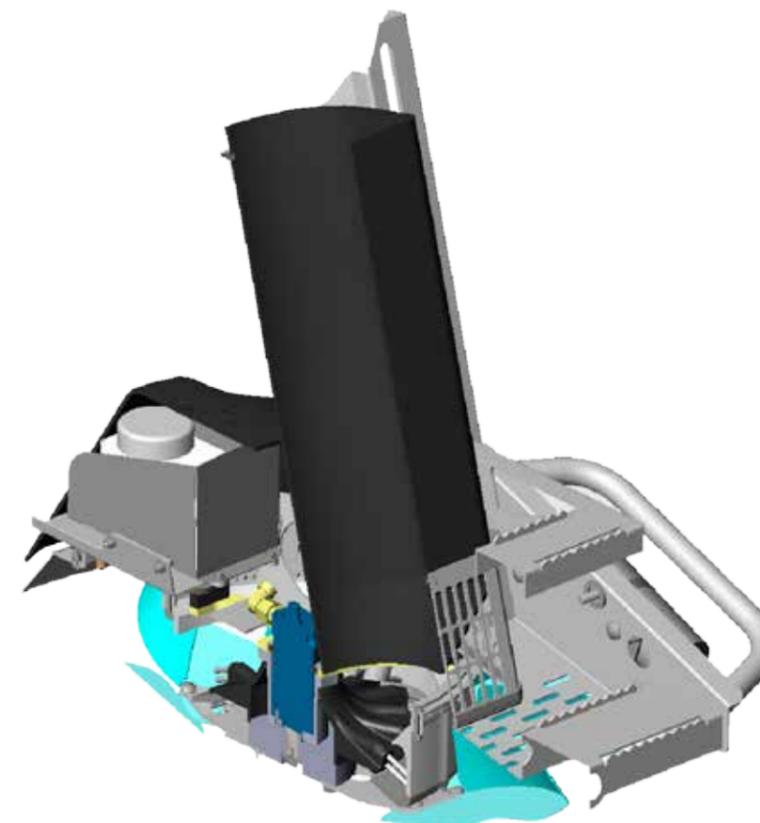


EPOMASTER X1

MIXUS AST

Advanced Spreading Technology



AN EXCEPTIONAL PRODUCT
MANY YEARS OF EXPERIENCE
MADE BY EXPERTS



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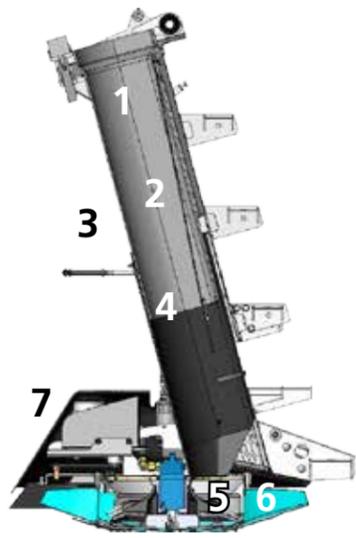
In order to maintain the high and uniform product standard Epoke® A/S has been certified by Lloyd's register to ISO 9001:2008.
TLG B-3 approval
GS approval
E1 approval
RoHS directive
WEEE directive



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- de-icing of roads!



Optimal prewetting and spreading pattern

It is imperative that the spreading material is spread out in the most optimal manner in order to achieve a good result when fighting slippery roads. A good spreading pattern, i.e. a good cross-distribution of the salt over the entire road width as well as a sharply defined spreading pattern at the outer edges is very important.

The two important factors for a good spreading pattern are:

- A complete and homogenous prewetting of the salt
- A spreading disc, which accurately delivers the desired quantity of salt on the desired road surface area.

During the spreading action changes are made in driving speed, symmetry adjustment, spreading width and spreading quantity. This means that the material supply to the spreading disc is continuously changing - both in volume and in weight. When using traditional spreading discs the spreading pattern will typically change when the material supply is either increased or decreased. The MIXUS AST from Epoke® A/S has been developed in such a way that it compensates for the changing material supply and thus meets the high-tech demands for an optimal spreading pattern.



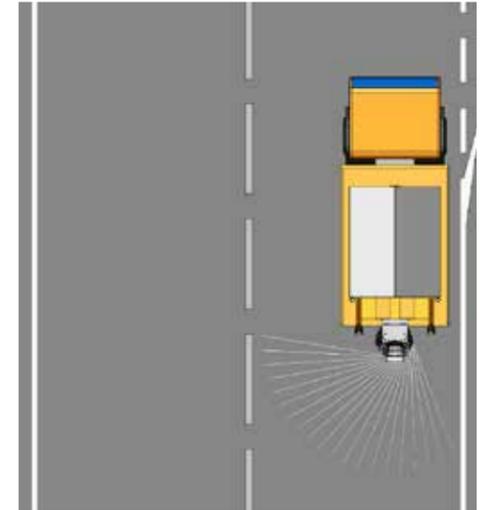
By means of the centrifugal force the specially designed mixing disc ensures that the salt grains and the liquid are mixed in a rotational motion inside the mixing chamber. In this way an optimal prewetting of each individual grain of salt and thereby a good adhesion to the road surface is ensured. Subsequently the best result when spreading prewetted salt (30% prewetting) is achieved.

Dynamic spreading width stabilization

Dynamic spreading width stabilization is a system from Epoke® A/S, which automatically adjusts the speed of the spreading disc in consideration of changes of the following parameters: material type, spreading quantity, prewetting ON/OFF and the vehicle speed.

MIXUS AST maintains the same **spreading angle** when the vehicle speed or the spreading quantity is increased or de-created, and thus a **stable spreading width** is achieved under all conditions. Combined with an accurate and homogenous material supply to each of the spreading disc wings the following advantages are achieved:

- Sharply defined edges in the spreading pattern and minimum material waste on the roadsides.
- Uniform distribution of the spreading material over the entire spreading width.



MIXUS AST - an investment in environment and traffic safety

The MIXUS AST raises the standard of spreading with prewetted salt

- 100% mixture of salt and liquid - optimal adhesion to the road surface results in optimal utilization of the spread-out salt quantity and reduced waste in ditches etc.
- Dynamic spreading width stabilization - sharply defined edges in the spreading pattern, stable spreading width and even cross-distribution of the salt.

Environment

- Best possible utilization of the spread-out salt quantity and reduced waste permits a reduction of the overall salt consumption, which is of benefit to vegetation and ground water.

Safety and work environment

- Increased safety for the road-users due to the optimal prewetting and uniform cross-distribution.
- Increased safety for the spreading vehicles during activity using the MIXUS AST and EpoMaster® X1 remote control, because this allows the driver to concentrate on driving the truck.
- By means of the EpoMaster XI remote control the driver is relieved in his work situation and as a result his working environment is improved.

Economy

- Possibility of cutting salt purchasing costs as a result of the optimal utilization of the spread-out salt quantity.

1. Funnel opening with soft angles for free material flow.
2. The polyethylene funnel prevents freezing of the spreading material and thus blockage in the funnel.
3. Height-adjustable funnel for adaptation to all truck heights.
4. Internal guide plate, which controls the material supply to the spreading disc.
5. Mixing chamber for 100% prewetting of the salt.
6. Tapered spreading disc for optimal throw-angle and sharply defined spreading pattern.
7. Remote controlled adjustment of spreading symmetry.