

EPOTHERM

System for automatic adjustment of the spreading quantity based on continuous measurements of the road surface temperature.

Less salt, when possible - more salt, when required.




epoke[®]

– de-icing of roads!

EPOKE EPOTHERM

Conventional spreading involves the driver's evaluation of the local weather and road conditions, according to which he adjusts the spreading quantity as required. However, the driver's experience and knowledge about the spreading route is often insufficient to spread only the minimum amount required under all road and weather conditions. Therefore, too much salt per m² is often spread, causing damage to the environment and increased

Dosing based on weather type

In order to make the temperature control extra user-friendly, the driver has 4 weather types to choose between:

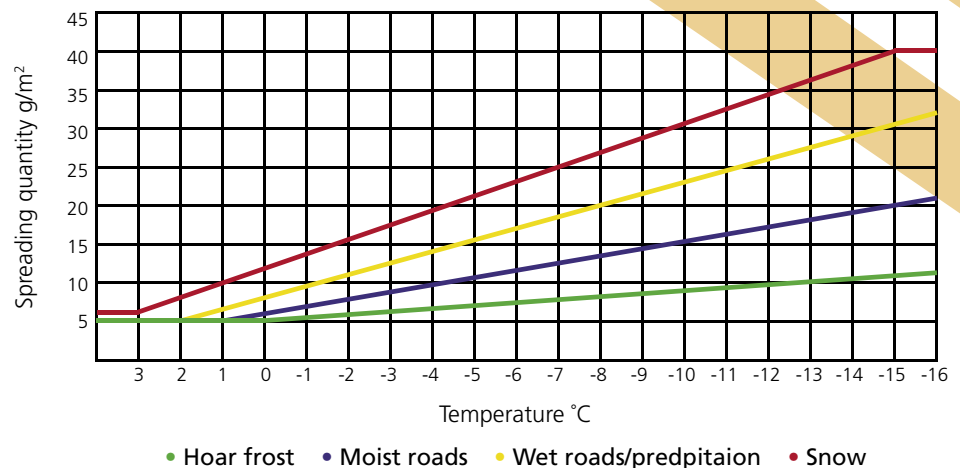
- Hoar frost
- Moist roads
- Wet roads/precipitation
- Snow

Hereafter the system adjusts the spreading quantity according to the selected weather type and to the road temperature.



All changes of road surface temperature and spreading quantity are shown on the EpoMaster® IV remote control display on a continuous basis. A symbol for the selected weather type is shown at the bottom right of the screen display.

EpoTherm provides continuous measurement of the road surface temperature, and the spreader computer reacts promptly and without delay to all temperature changes. Thus the spreading quantity is adjusted automatically on a continuous basis according to the changes during the entire route. At higher temperatures the spreading quantity is reduced, at lower temperatures it is increased.



Please note that the curves displayed here for quantity adjustment is an example of how an experienced user may utilize EpoTherm. Some weather and road conditions may still require a switch to manual spreading mode.

Advantages of EpoTherm

- Automatic adjustment of the spreading quantity, allowing the driver to concentrate on driving the truck.
- Faster and more frequent adjustment of the spreading quantity in comparison with manual spreading mode.
- Reduced salt consumption, reduced costs, and reduced environmental damage.
- Increase of spreading quantity when required - thus increasing the traffic safety.
- Easy operation by means of a remote control in the cab.



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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 9001:2000.
TLG B-3 approval
GS approval
E1 approval
RoHS directive
WEEE directive

