

SIRIUS COMBI AST™

S-4900
Advanced Spreading Technology

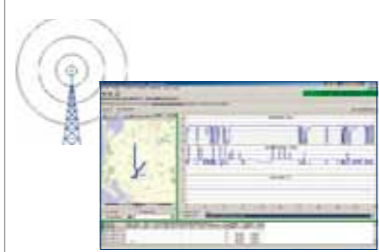
6 possibilities in one spreader

- salt
- sand
- split-stone
- prewetted dry material
- liquid
- liquid combined with dry material

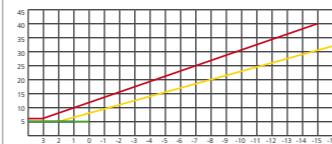
OPTIONS



Wireless EpoMaster® IV remote control and EpoSat® GPS-controlled spreading



Data collection - GSM & GPRS



EpoTherm. Temperature-controlled spreading



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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



Epoke® A/S cares for the environment and forest sustainability. Therefore, this brochure is printed on FSC paper.



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- de-icing of roads!

Many benefits in one spreader

SIRIUS COMBI AST is a result of a lifelong experience in winter road maintenance around the world. The intensive contact with road administrations and contractors has demonstrated a desire for combining several concepts in one machine. Very little salt is required to combat white frost; however, if winter is at its hardest and larger salt quantities are required, dry material or prewetted salt is used to combat this condition. The option of combining concepts makes this spreader series very flexible and cost effective.

Dry material spreading

SIRIUS COMBI AST allows spreading of salt/sand/gravel or a mixture thereof. The unique dosing system minimizes "bridge-building" in the hopper and crushes any lumps in the material. It is possible to spread liquid in widths up to 8 meters and dry material up to 12 meters at speeds up to 65 km/h.

Liquid spreading

SIRIUS COMBI AST is capable of spraying liquid to prevent slippery roads or in connection with dust binding. The ability of the liquid to adhere to the road surface reduces the amount of material, which typically disappears into ditches and vegetation near the road. Turbulence resulting from passing cars or heavy winds will not affect the recently completed spreading session.

SIRIUS COMBI AST covers all winter maintenance needs. The unique double-spreading disc permits symmetric and asymmetric adjustments of liquid and dry material. This spreader is flexible under all conditions.



Design

The systematic structure and the logical location of all vital components provide optimal working conditions for the user and facilitate service staff duties. The spreading disc arrangement with integrated inspection ladder featuring wide steps give the user safe and easy access to the spacious machine house.


Tasks such as operation of the cover, liquid filling, or emptying the machine after use are done via the easily accessible service points at the rear of the spreader within safe range for the user.


SIRIUS COMBI AST is designed for use in all corners of the world, which is why the liquid tanks are made of thermoplastic material that is durable under extreme temperature conditions. The modular liquid tanks honor individual needs for dry material/liquid ratio.


SIRIUS COMBI AST

- Quick reaction to changing weather and road conditions during the spreading event
- Great flexibility in liquid and dry material capacity
- Remote switching between the 6 spreading options
- Dosing accuracy
- Reduction of salt quantity and material costs
- Environmentally sound spreading
- Wider conveyor belt
- Reduced weight
- Wireless remote control (option)
- Low-noise, water-cooled diesel engine (option)

Types of operation

 **Hydraulics**
SH – all operating functions occur through the truck hydraulic system

 **Diesel engine**
SE – all operating functions are handled by diesel engine

 **Road wheel**
SW – the "5th wheel". This very flexible option makes the spreader independent of the vehicle. Patented by Epoke® A/S.



The unique double-spreading disc allows both symmetric and asymmetric adjustments.



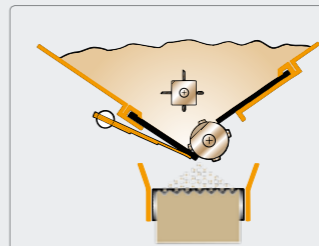
All vital components located together in an enclosed machine room, which offers protection against salt dust. Furthermore, the design has focus on increased user friendliness for drivers and service staff.



Specially designed liquid tanks ensure a stable liquid distribution in the tanks. Durable liquid tanks of thermoplastic material are resistant under extreme climate conditions.



The safety grate features an inspection door for quick access to the hopper.



The Epoke-principle ensures homogenous and accurate delivery of all spreading materials irrespective of temperature and material conditions.



Wide steps integrated in the spreading disc arrangement mean safe and effortless access to the machine house.