



**epoke**<sup>®</sup>  
GROUP

# SIRIUS COMBI AST

Advanced Spreading Technology



- the safe way!

# SIRIUS Combi AST

- all of the options and functions in a single machine

SIRIUS Combi AST is a global flagship of machines for modern winter service. The combination spreader incorporates features from several machine types in a single machine, and it is developed precisely to meet requirements from the Danish Road Directorate, and from Danish municipalities and developers.

SIRIUS Combi allows you to work with dry material, pre-wetted salt or pure liquid. This ensures a short response time to changing weather and weather conditions during the work.

With this advanced combination spreader, there are many different spreading methods available in a single machine, which ensures that you get high efficiency and reliable execution when keeping areas clear of snow and ice in winter.

The application system in all SIRIUS Combi AST models is designed in accordance with the Epoke method, which ensures uniform and precise spreading of all forms of spreading material, regardless of temperature conditions or the material's characteristics. A roller along the entire tank's length empties it evenly and maintains the machine's centre of gravity, which increases the safety for the driver during the work. The spring base in the system guarantees fast adaptation to the different spreading materials, which increases flexibility. The material is moved to the spreading disc either via a conveyor belt or transport auger.

The container design ensures that it can be detached when full – up to a total weight of 17 tons, without having to add extra reinforcement. It is the only



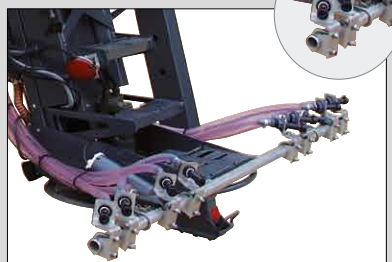
container of its kind on the market that can do this. This means for example, shorter response times when called out. Everything on SIRIUS Combi AST is designed to solve the task optimally and in the shortest time possible without compromising environmental considerations or the safety of the driver and his surroundings.

## 4900

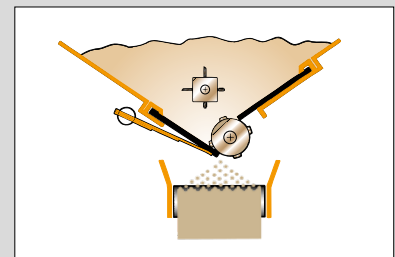


High-speed spreading using Spreading Disc. Efficient spreading at speeds of up to 60 km/h.

## 4902



High-speed spreading using Spratron nozzles. Efficient spreading at speeds of up to 90 km/h.



The Epoke method ensures the uniform and precise spreading of all forms of spreading material, regardless of temperature conditions or the material's characteristics.



### **This combination provides you with:**

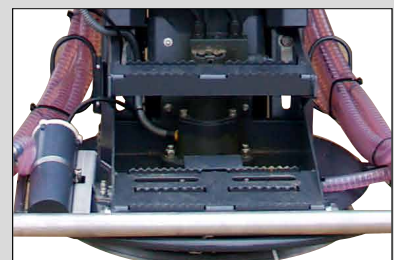
- A highly efficient spreader, which can work with salt, pre-wetted salt, saline solution, sand and gravel.
- Fast response in changing weather and weather conditions, even during operations.
- A spreading width of up to 11 m with liquid and up to 12 m with dry material.
- A working speed of up to 60 km/h with spreading disc and up to 90 km/h with nozzles on spreading boom.
- Easily accessible operating locations behind the spreader within safe reach.
- Fast fitting to truck bed via four lashing eyes.
- A flexible machine, manufactured for use in all parts of the world.
- Many different unloading systems.
- Access to Epoke's specialists and their expertise.



All of the vital components are located in a sealed and locked engine compartment and thus protected from salt dust. In addition, there has been increased focus on user-friendliness for the driver and service personnel.



The specially developed liquid tanks ensure that there is a stable distribution of liquid contents inside the tanks. The durable liquid tanks are made from thermoplastic material, which is resistant even in extreme climate conditions.



Wide steps on the spreading disc arrangement means safe and easy access to the engine compartment.

A number of options are available with SIRIUS Combi AST, which means it can be precisely adapted to the individual task. With GPS control, the spreader does the work itself once the route has been coded in. It remembers the varying road widths and ensures that no location is forgotten.

Using EpoTherm, a sensor measures the road's temperature and automatically sets the spreading quantity. This means that only the quantity of salt necessary is used, which benefits the environment and saves money. EpoTherm can also be combined with GPS control.

An investment in EpoTrack ensures that all of the data from a given route is collected. All of the information about the route, temperature conditions, the total quantity of spreading material used and variations in the amounts applied along the route are collected in EpoTrack and this information is also thorough documentation for well-executed work.



## Epoke Group

We produced our first sand and salt spreader in 1955, and since then we have solely focused on the development, production and sale of machines and equipment for the treatment of icy roads. Today, we are a global leader. In Denmark, sales are carried out by our own sales staff, while abroad our subsidiaries and 31 dealers manage sales.

Learn more at [www.epoke.dk](http://www.epoke.dk)

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