

High-speed spreading  
**90**  
 km/h

- 7 possibilities in one spreader
- salt
  - sand
  - split-stone
  - pretweted dry material
  - liquid
  - liquid combined with dry material
  - pretweted dry material and liquid



# SIRIUS COMBI AST™

Advanced Spreading Technology



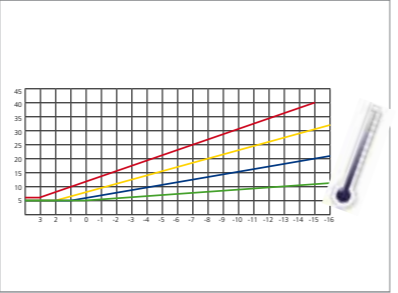
## OPTIONS



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



Data collection - GSM & GPRS



EpoTherm



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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



100111 - pla



- de-icing of roads!

**Many benefits in one spreader**  
SIRIUS Combi AST is the 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 under 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. The spreaders are available with spreading disc for salt/sand or salt/prewetted salt, respectively. Both systems enable dosing in spreading widths from

2-12 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 verges and vegetation near the road. Turbulence from passing cars or heavy winds will not affect the recently completed spreading session.

SIRIUS Combi AST covers all winter maintenance needs. The modern jet system enables adjustment of the spreading pattern in increments of 1 meter (symmetric/asymmetric) and the possibility of spreading at speeds up to 90 km/h makes this machine unique and flexible in all conditions. The new liquid spraying technology minimizes the environmental impacts after well executed winter service.




**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, filling of liquid, 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.

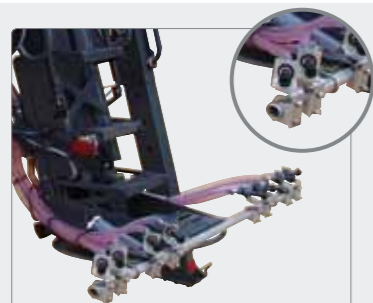
SIRIUS Combi AST is designed for worldwide use, which is why the liquid tanks are made of thermoplastic material that is durable under extreme temperature conditions. The modular liquid tanks fulfill individual requirements for dry material/liquid ratios.

### SIRIUS COMBI AST

- Liquid spraying at high speeds
- Quick reaction to changing weather and road conditions during the spreading event
- Simultaneous delivery of liquid (jets) and dry material (disc)
- Great flexibility in liquid and dry material capacity
- Remote switching between the 7 spreading options
- Dosing accuracy
- Narrow stainless nozzle bar
- 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's 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.



Efficient spreading at speeds up to 90 km/h by Spratronic-nozzles.



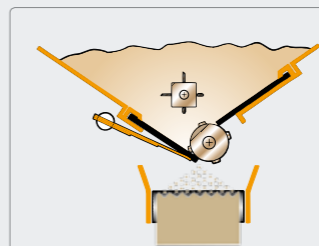
All vital components located together in an enclosed machine house, which offers protection against moisture and salt dust. The design increases user friendliness.



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



Electronic liquid level indicator is standard. Diodes show the level from 0-100%



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.