

OPTIONS

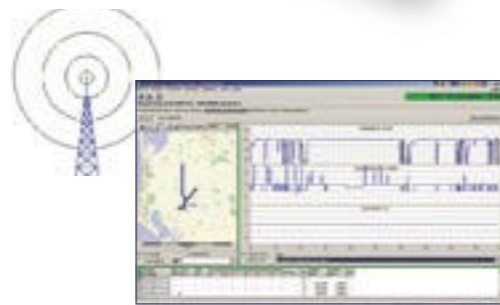
EpoSat®
GPS-controlled spreading



Wireless EpoMaster® IV
remote control



Datacollection
GSM & GPRS



Spratronc-nozzles



SIRIUS COMBI

A high-technological, road-speed related and synchronous combination spreader featuring the Epoke dosing principle.
Hopper sizes: 5-9 m³



SIRIUS COMBI

SIRIUS COMBI enables quick reaction to changing weather and road conditions – both before and during the spreading action.



03/04/08 - pla

directive



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In order to maintain the high & 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



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TLG B-3 approval
GS approval
E1 approval
RoHS directive
WEEE



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FUNCTIONAL DESIGN

The unique and functional design of SIRIUS COMBI provides optional working conditions for both drivers and service staff.

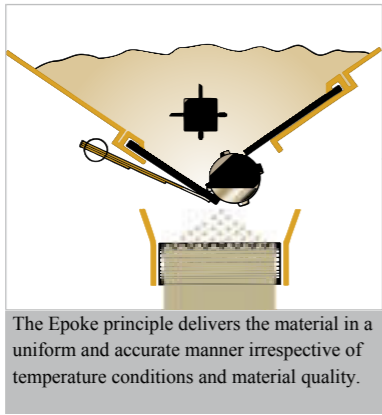
Control functions for emptying, liquid filling and the cover are placed ergonomically correct on the spreader rear thus enabling the driver to work these functions standing on the ground without having to climb the spreader.

SIRIUS COMBI provides optimal flexibility in regions where the use of liquid is advantageous at certain times, and where the use of prewetted dry material or plain dry material is preferred at other times.

Spreading technique
By means of the unique spreading disc with liquid pipes SIRIUS COMBI distributes liquid and dry material across the entire road width.

SIRIUS COMBI permits the user to perform high-speed liquid spreading (up to 80 km/h) by means of the specially designed Spratronic-nozzle system (option), allowing the vehicle to follow the normal traffic speed.

Electrical control
The wireless EpoMaster® IV remote control (option) enables quick material shifting, as well as spreading pattern control and symmetry adjustments.



The Epoke principle delivers the material in a uniform and accurate manner irrespective of temperature conditions and material quality.



Service-friendly machine house (IP44) holding all central components in a clear and easily accessible manner. The top-hinged door provides shelter from snow and rain.

6 possibilities in one spreader

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



The optional installation of inside and outside liquid tanks gives the customer great flexibility when choosing the liquid and dry material capacity.



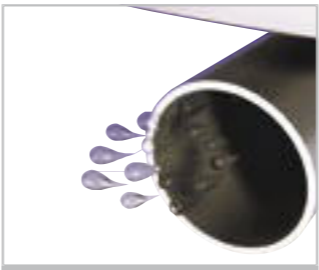
The diaphragm pump ensures accurate liquid flow irrespective of the adjusted quantity. All Epoke liquid pumps feature inside corrosion protection.

SIRIUS COMBI:

- 6 possibilities in 1 spreader
- High-speed liquid spreading
- Quick reaction to changing weather and road conditions during the spreading action
- Original 2-sectioned liquid spreading disc
- Simultaneous delivery of liquid and dry material
- Great flexibility of liquid and dry material capacity
- Remote controlled change between 6 spreader possibilities
- Dosing accuracy
- Reduction of salt quantity
- Environmentally sound spreading



Spreading of dry material and prewetted dry material via spreading disc. Liquid is sprayed by Spratronic-nozzles making high-speed liquid spreading possible.



Maximum drop size has been achieved as a result of the unique liquid pipe design, thus ensuring a homogenous and clearly defined spreading pattern.



Two-sectioned spreading disc delivers dry material from the upper and liquid from the lower level via 6 special liquid pipes.

DOSING PRINCIPLE

The Epoke principle permits problem-free delivery of all types of spreading materials. The unloaded conveyor belt ensures problem-free starting up without regard to temperature conditions or spreading material.




The Epoke principle consists of:

- Agitator, which prevents material bridge building and breaks large lumps thus achieving a uniform and steady material supply.
- Delivery roller, which provides uniform emptying of the hopper along the entire spreader length.
- Unloaded conveyor belt, which easily transports the accurately dosed material to the spreading disc without lumps and rocks.

Advantages:

- Low starting moment
- Minimum wear – service-friendly
- Uniform material supply
- Crushing of lumps in spreading material
- Prevention of bridge-building in hopper
- Uniform hopper emptying, which prevents a shifting of the horizontal center of gravity of the truck.
- Problem-free delivery of all material types
- Low power consumption

Drive systems

-  Hydraulic system
SH – vehicle hydraulic system.
40 - 50 l/min. 170 bar at 60 km/h.
Max. 75 l/min. briefly.
-  Diesel engine
SE - own diesel engine.
-  SW - the 5th wheel (road wheel)
A very flexible option, which makes the spreader independent of the vehicle. Patented by Epoke® A/S