epoke®
GROUP

CERTUS AST

Advanced Spreading Technology



– the safe way!

CERTUS AST

- auger spreader with low centre of gravityt



CERTUS AST is Epoke's auger spreader and it is ideal for spreading salt and pre-wetted salt.

The application system in CERTUS AST models is design in accordance with the auger principle. The auger's design ensures that the hopper is emptied regularly and that the centre of gravity distribution is evened out. The result is improved driver safety.

CERTUS AST is well-designed, service-friendly spreader and extremely reliable because of its many design features that among other things, prevent blockages, bridging, etc.

Depending on the individual spreader specifications, it can be detached when full – up to a total weight of 17 tonnes. This significantly reduces response times when called out.

Everything on CERTUS 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.

CERTUS AST is GS and CE marked, and it has passed spreading and dosing tests B and C in accordance with DIN CEN/TS 15597-2 and industry association EUnited, respectively.

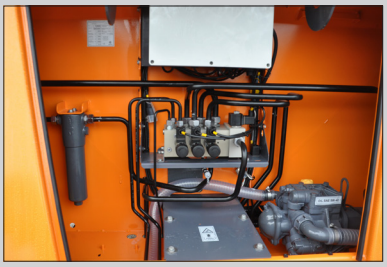
CERTUS AST can be precisely adjusted to suit the individual task using Epoke's wide range of control software.



The inspection ladder is positioned on the spreader arrangement for easy and safe movement.



The new side tank now has a capacity of up to 3500 l (small 2200 l, medium 2592 l, large 3500 l) and has been adapted to suit the machine's contours.



The engine compartment, which houses all of the control units is well shielded from the road, in accordance with the principle "well protected but easily accessible".



CERTUS AST BENEFITS:

- Highly effective spreader, ideal for spreading salt and pre-wetted salt.
- Extremely flexible
- Mutually adjusted capacity for the liquid tank and hopper, which ensures an optimal range when spreading pre-wetted salt.
- Spreading width of up to 12 m.
- Working speed of up to 60 km/h.
- Easily accessible operating locations behind the spreader within safe reach.
- Fast fitting to truck bed via four lashing eyes.
- Extremely reliable machine that is ideal for treating icy roads in Central Europe.
- Different unloading systems.
- Benefit of Epoke's expertise and many years of experience.

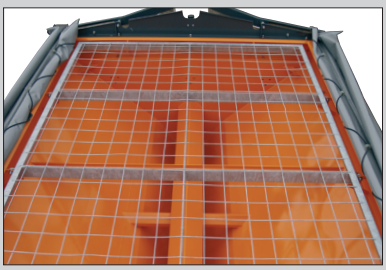
Operational mode

Hydraulics
SH – Vehicle hydraulics

Diesel engine
SE – Lombardini diesel engine



The diaphragm pump for pre-wetting is positioned in the engine compartment where it is easily accessible for inspection. The pump's operation is extremely precise, even after many years of operation.



When the new tarpaulin is fully tipped up, it leaves the hopper fully open.



Remote control options:
EpoMini X1, EpoMaster X1 or EpoMaster X2.

Spreader series	Small	Medium	Large
Total width [mm]	2055	2210	2210
Total height [mm]	1196 - 1728	1190 - 1753	1210 - 1753
Total truck floor length [mm]	3439 - 4049	4059 - 4796	5079 - 5816
Deadweight [kg]	1095 - 2307	1166 - 2447	1481 - 2845
Hopper capacity, dry matter [m3]	3 / 4 / 5	4 / 5 / 6 / 7	6 / 7 / 8 / 9
Tank capacity, liquid [l]	2 x 1100 = 2200	4 x 650 = 2592	4 x 875 = 3500
Tank capacity, front tank [l]	–	1000 (Available only for 6 / 7 m3)	1000 (Available only for 8 / 9 m3)
Spreading width [m]	2 - 12 (Maximum spreading width is achieved only with suitable materials)		
Asymmetry from centre, max. [m]	9		
Pre-wetting percentage [%]	5 - 30 (30 is standard)		
Application, salt [g/m2]	5 - 40		
Spreading speed [km/h]	5 - 60		
Truck floor height min. - max. [mm]	700 - 1800		
Power supply	SH* / SE**		
Oil flow, SH, min. [l/minute	45		
Electrics	Connector: EN ISO 4165, 12 - 32 V, min. 10 A		
Remote contro	EpoMini X1 / EpoMaster X1 / EpoMaster X2		
Options dependent on remote control	EpoSat / EpoTherm / EpoData		

*Vehicle hydraulic, **Combustion engine

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

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