



epoke®
GROUP



VIRTUS AST

Advanced Spreading Technology



- the safe way!

VIRTUS AST

Liquid spreading

Liquid spreading seriously reduces material consumption because as little as possible and as much as necessary can be spread. Lower consumption of materials means lower costs.

In practice, the amount of salt used with liquid spreading is reduced significantly, so it is kinder to the environment. At the same time, a saline solution is effective immediately after spreading. Liquid spreading is therefore ideal in many situations and as a preventative measure.

This model and others are the result of Epoke's development in the spreading field. The liquid spreader's design, operation and robustness are groundbreaking.



Driftsformer



Hydraulics
SH – Vehicle hydraulics



Diesel engine
SE – Lombardini diesel engine

VIRTUS AST BENEFITS:

- Reduced environmental impact
- Reduced material consumption
- Revolutionary design
- High-speed spreading
- High-precision application
- Improved spreading profile settings
- Service-friendly



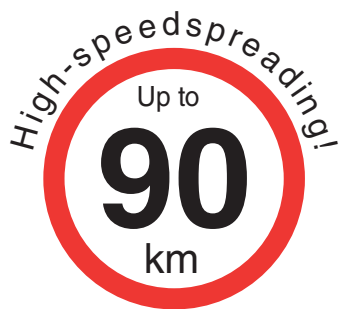
High-speed spreading using Spratronic nozzles. Spreading at all speeds of up to 90 km/h.



Optionally, hose drum can be mounted.



Service-friendly engine compartment with fast access to the computer unit, valves and liquid pumps.



High-speed spreading

VIRTUS AST spreaders are fully automatic road-independent liquid spreaders. This means that the spreaders deliver the desired amount of liquid at all times, regardless of vehicle speed.

VIRTUS AST is available in five different variants with tank capacities of 7500 l, 10,000 l, 12,500 l, 15,000 l and 17,500 l.

The modular liquid tanks ensure stable distribution of liquid contents inside the tanks. The durable liquid tanks are made from thermoplastic material that is robust even in extreme climatic conditions.

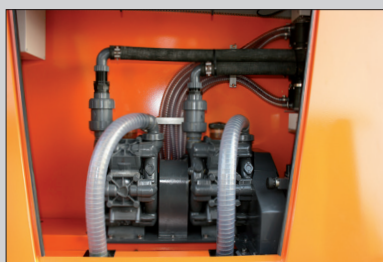
The engine compartment is service-friendly with central components that are clearly positioned and easily accessible, making the work as easy as possible for drivers and service technicians.

The combination of fan nozzles and jet nozzles delivers a working width of 3–11 m. Also available with 4–12 m working width.

The width can be increased in steps of 1 m, thus allowing for adjustments for side winds or spreading in bus bays and turning lanes.

The special Spratronic nozzles deliver spreading at all speeds of up to 90 km/h. Increased speed means routes are finished more quickly.

The spreader is also able to move at the same speed as other vehicles, causing less inconvenience to drivers.



Logically designed liquid system with diaphragm pump.



Modular liquid tank.



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

Spreader series	7.500	10.000	12.500	15.000	17.500
Total width [mm]	2140				
Total height [mm]	1898				
Total truck floor lenght [mm]	3463 - 4314	4375 - 5220	5281 - 6126	6187 - 7032	7093 - 7938
Deadweight [kg]	1632 - 2347	1962 - 2677	2290 - 3005	2650 - 3365	2946 - 3661
Tank capacity, [L]	7.500	10.000	12.500	15.000	17.500
Tank capacity, front tank, [L]	1750				
Spreading width, [m]	3,0 - 11,0 / 4,0 - 12,0				
Application, [ml/m2]	5 - 80				
Spreading speed, [km/t]	0 - 60				
Truck floor height, [mm]	700 - 1800				
Filling speed, max, [L/min]	1000				
Power supply	SH* / SE**				
Oli flow, SH, min., [L/min]	45				
Electrics	Connector: EN ISO 4165, 12 - 32V, min. 10A				
Remote control	EpoMaster X1 / EpoMaster X2				
Options depend 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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