



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.



Operational



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!
Up to
90
km

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 or EpoMaster X1.

A number of options are available with VIRTUS AST, which means it can be precisely adapted to the individual task. Using Epoke's GPS-controlled spreading system – EpoSat, 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

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