



A company of the Aebi Schmidt Group

Stratos Lava

Mountable Spreaders



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The Stratos Lava series of spreaders only come into action when temperatures reach levels that make de-icing with conventional de-icing agents unsuitable. When used in permafrost conditions, they create long-lasting anti-skid surfaces.

The Traction Specialist

The mountable Stratos Lava spreaders provide drivable road surfaces even when temperatures remain constantly below freezing point. This is not achieved by using salt and brine but instead with heated water and sand. When pre-wetted salt, brine and dry salt are no longer effective on icy, slippery and snow-packed road surfaces, then the Stratos Lava is able to make them drivable again.

Heated Water and Sand

Apart from a special grit bin for sand, the Stratos Lava is also equipped with a Stratos spreading system which includes a stainless steel spreading plate over a heating unit and an insulated water tank. Before use, the water is heated to 45° in the diesel powered heating unit and pumped into the insulated tanks. During the spreading process the water flows through the heating unit again. When reaching a temperature of up to 90° it is subsequently sprayed onto the sand by a special nozzle which is located in the chute. The heated sand is then spread onto the road by the well-established Stratos distribution system and sinks into the icy surface due to its high temperature.

Long-Lasting and Economical

Just a single operational process with the Stratos Lava mountable spreader ensures long-lasting safety. The road surface retains its grip for at least one week under normal permafrost conditions. A large operating radius is made possible thanks to the content volume of the spreader and the highly efficient spreading process.

Operational Ease

The well-established Stratos technology is also the basis of this machine. The temperature, amount and spread pattern are all conveniently monitored and regulated from the operator's control panel.

High-Quality Materials

With the STRATOS series of spreaders the main emphasis is placed on quality. Stainless steel, high-quality plastics, powder-coated elements and a powder-coated base frame all contribute to its durability. Stratos Lava is controlled by the CL control panel.

Technical Data

Spreading width	up to 3 metres
Grit bin	9.0 m ³ *
Water tank volume	3 000 Liter*
Platform length required	4 535 mm*

* Further sizes upon request

