



# SOLID XF

Created for UNIMOG



## PROFESSIONAL SOLUTION TAILORED TO SPECIAL FEATURES OF UNIMOG VEHICLES

SOLID XF is a low-profile spreader, with a construction adjusted to UNIMOG vehicles. The spreader design maximally utilizes useful load capacity of the vehicle without compromising visibility of the surroundings from the driver's seat. The SOLID XF spreader design contains all the characteristics of the SOLID X family of spreaders, this time placed in a specially shaped housing. The spreader is designed for installation instead of tipper body or inside the tipper body and mounting and demounting are simple thanks to hydraulic quick couplings and legs with jacks.

## FUNCTIONAL DESIGN

Solid material hopper of SOLID XF is equipped with two auger conveyors which enable uniform tank unloading with the reduced possibility for tunnel effect formation. The XDF spreader version comes with installed bulkhead that separates the hopper into two chambers with a 2:1 ratio. This enables the spreader to operate simultaneously with two types of solid spreading agents. Mounting of a pre-wetting system serves to additionally improve the spreading efficiency of one solid material or a mixture of two solid agents.

## EFFICIENT, SAFE, SIMPLE AND LONG-LASTING

Precision and efficiency of spreading with the SOLID XF spreader are ensured by the quality of construction of all components and the EPOS control unit which enables the control of spreader operation parameters directly from the vehicle cabin. The spreader is constructed in a simple and efficient manner, with a minimal number of consumable parts and low maintenance requirements. Unique surface protection and multiple safety elements are a guarantee of longevity and safe use of the SOLID XF spreader.

## Parts of the SOLID XF spreader

### 1 Hopper

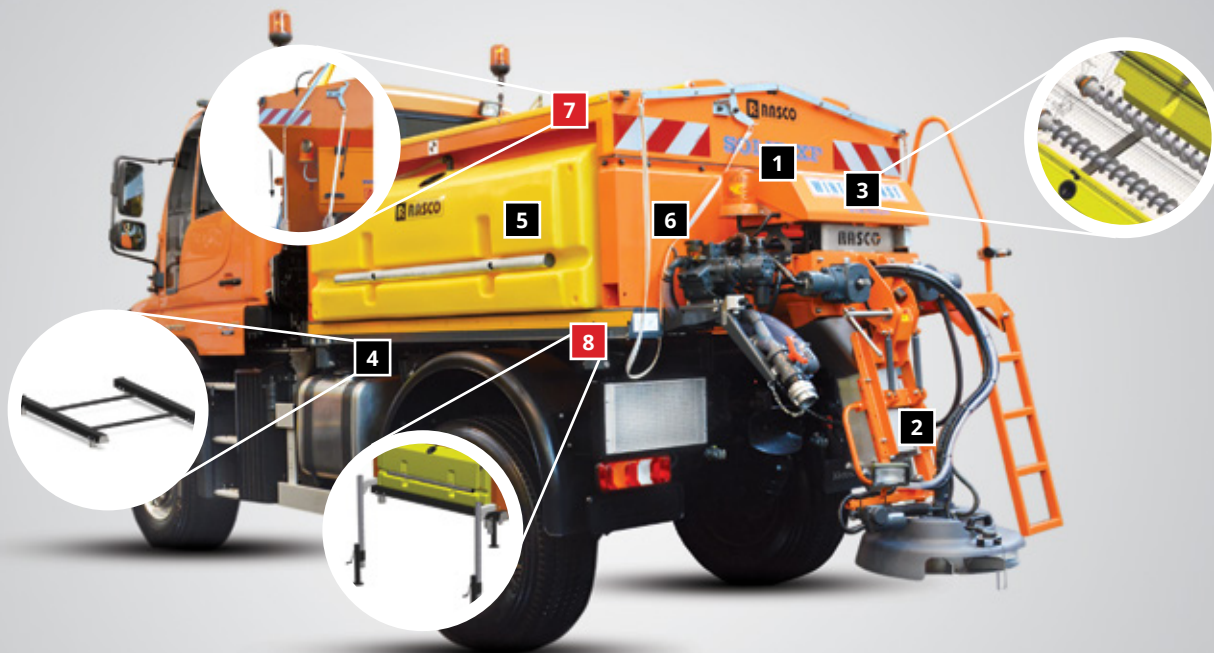
Constructed and manufactured in a way that prevents the adherence of spreading material to the spreader's walls, eliminates the tunnel effect and ensures a continuous flow of material toward the distribution system.

### 2 Distribution system

The exit chute suited to a conveyor system with two auger conveyors and a rotating spinner for spreading are designed with the aim to achieve a spreading pattern that complies with the set parameters.

### 3 Conveyor system

The design includes two auger conveyors which enable uniform unloading of the spreader.



### 4 Supporting frame

Can be modified for various methods of mounting the spreader onto the vehicle.

### 5 Pre-wetting system

Increases the percentage of moisture in dry spreading materials in order to increase their capability of adherence to the surface and their road de-icing performance.

### 6 Surface protection

Includes a combination of three systems (SurfaceArmour, hot-dip galvanizing, anti-corrosion wax application), depending which part of the spreader needs to be protected. Ensures a long lifespan of the spreader even in the most difficult operating conditions.



### 7 Spreader's safety mesh and tarpaulin

They protect the spreader from damage when the spreading material is being added and prevent the material in the spreader tank from becoming wet.

### 8 Legs with jacks

Designed for quick and simple installation of the spreader instead of tipper body or inside the tipper body. After winter season they enable easier spreader storage.

SOLID XF / XDF	1.8	2.2	2.5	2.8
Volume of hopper (m <sup>3</sup> )	1.8	2.2	2.5	2.8
Volume of liquid tanks (lit)	940	940	1120	1120
Spreading width (m)	2 - 8 / 3 - 12			
Total spreader height in relation to the bottom of the tipper body (mm)	900	990	1070	1120
Approximate weight of a fully featured device (kg)	1050	1060	1070	1080

