

# Disc Spreader

STS-1000GA / STS-1800GA



**Robust, self-loading disc spreader  
for many types of materials**



# Disc Spreader STS-1000GA / STS-1800GA



## Presentation

Fransgård's self-loading disc spreaders are built with a strong and durable design. With many well-thought-out features, the machine ensures highly reliable operation. The galvanized hopper guarantees a long service life – even under tough working conditions.

The spreader is ideal for larger spreading tasks using various materials such as coarse sand, sand/salt mixtures, fine gravel, or similar materials.



## Strong and well-engineered construction

The hopper is made of high-strength steel (Domex 420) with wear plates on the top and underside. The disc and shutter components are made of stainless steel.

The spreader is equipped with a powerful hydraulic motor and a heavy-duty chain drive with a robust chain tensioner to operate the auger and agitator. The auger diameter increases progressively toward the center of the spreader disc, ensuring an even material flow to the disc, reducing the risk of clogging and minimizing wear on the components.

The spreader has an adjustable opening to the disc and a hydraulically operated shutter for material feed. The spreading symmetry can be adjusted hydraulically for a spreading width from 2 up to 10 meters.

The design also features a large, solid valve block with the option for manual operation – prepared for electrical control and sensors. Optional attachment systems: 3-point linkage, Volvo BM, and HMMV.

A 3-point loading cylinder is also available as an option.





# Valuable Features



## Spreading Disc

The spreading disc is made entirely of stainless steel. The six spreading vanes are bolted on and can be adjusted in three positions to achieve the optimal spreading pattern depending on the material used.



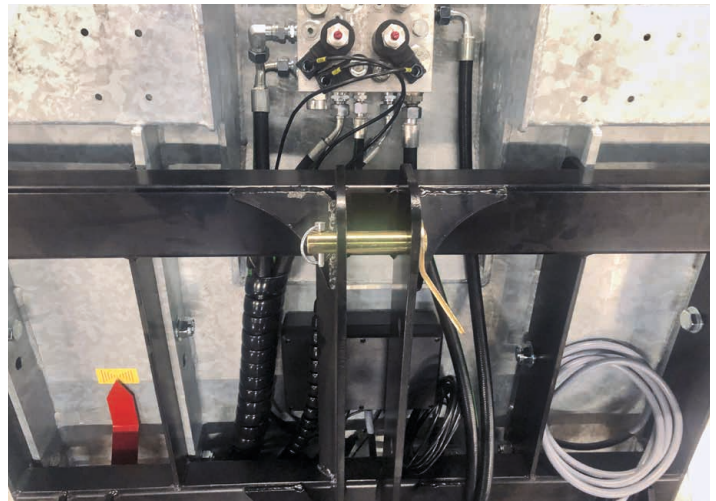
## Hopper Design

The hopper design provides a compact machine that sits close to the tractor while still functioning as a self-loading unit. All hoppers are hot-dip galvanized for maximum corrosion protection.



## Chain Drive

The powerful chain drive, featuring a 3/4" chain, hardened sprockets, and a tensioning sprocket, ensures a high level of operational reliability.



## Valve Block

A solid valve block ensures reliable operation while being well protected in the center of the machine. The control box is positioned just below the block, which can also be operated manually.



## Agitator

The strong agitator with angled paddles ensures optimal material feed to the auger. The agitator is Aqua Coated for extended service life.



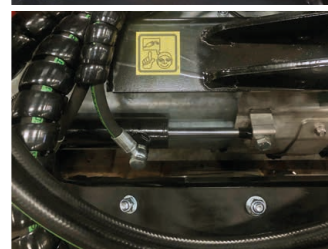
## Spreader Disc Cylinder

The spreading disc can be hydraulically adjusted to either the right or left side, allowing quick and easy adjustment of the spreading pattern.



## Disc Adjustment Indicator

An arrow and decal provide a clear visual overview of whether the disc is centered or tilted – visible directly from the tractor cab.



## Shutter Cylinder

A compact and powerful hydraulic cylinder controls the stainless-steel shutter at the bottom of the spreader. The cylinder is linked to the control system, opening and closing automatically during operation.

## Valuable Features



### Electric Control Box

The electric control box with sensors (item no. 3708, optional) allows quick adjustment of both spreading pattern and material output. A separate manual can be supplied on request.



### Self-loading Function

The STS spreader can function as a self-loading unit. If fitted with a 3-point linkage, a hydraulic lifting cylinder (item no. 3720) can be added.



### Fitted Cover

The tailored tarpaulin cover features a strong elastic edge for quick mounting and removal while keeping the material dry. (Optional equipment.)

## Wide range of other machines

See more at [www.fransgard.dk](http://www.fransgard.dk)



### Hydraulic Motor

The powerful hydraulic motor drives both the agitator and auger through the robust chain drive, ensuring fast startup and long-term operational reliability.



### Cover Plates

Full-width cover plates reduce pressure on the agitator and auger, ensuring consistent material flow. Cover plates are available in several widths depending on the spreading material.



### Auger

The auger at the bottom of the spreader features progressive flighting, ensuring continuous and efficient discharge of the material supplied to it. The auger is Aqua Coated for extended service life and corrosion protection.

## Technical Data:

Modell:	STS-1000GA	STS-1800GA
Spreading width	2-10 m	2-10 m
Transport width	232 cm	232 cm
Hopper volume	1000 L	1800 L
Hopper dimensions (top)	132 x 120 cm	220 x 120 cm
Spreading rate	5-250 g/m <sup>2</sup>	5-250 g/m <sup>2</sup>
Spreading symmetry	Stepless	Stepless
Self-loading function	Optional	Optional
Agitator	Standard	Standard
Drive	Hydraulic	Hydraulic
Oil flow	80 L/min	80 L/min
Oil pressure (min.)	150 bar	150 bar
Mounting system	Optional	Optional
Weight	540 kg	733 kg

## Made in Denmark

A strong combination of modern production technology – including laser cutting – and skilled craftsmanship ensures that our products meet customers' high demands for durable and robust machinery. Because we develop, manufacture, and assemble all machines at our own factory in Denmark, we can quickly adapt production to customer requirements.

This flexibility has made Fransgård known and valued among our customers for decades. Our in-house production ensures full control of every single order – guaranteeing that each customer receives the correct machine on time.

**It's Danish efficiency and quality at its best.**

Dealer:

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