

Pinpoint precision, convincing performance

# Binding agent spreader

SW 10 TC | SW 16 TC



# At a glance: outstanding features of the TC model series

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## HIGHEST SPREADING ACCURACY

- > Spreading unit in rotary feeder design
- > Self-cleaning metering feeders
- > Fully automatic metering independent of the travel speed
- > Three separately controlled partial widths
- > Universal, low-volume or high-performance spreading unit

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## CONVENIENT, HIGH-PRECISION COMPUTER CONTROL

- > Easy-to-operate control panel
- > Convenient, continuous adjustment of the spread rate
- > "WeighTronic" electronic weighing device with automatic readjustment as an optional equipment feature
- > Intelligent speed detection allowing adjustment of the spread rate independent of the travel speed
- > Sensor-controlled chain conveyor for optimized material feed to the spreading unit
- > Integrated filling level indicator (container "full" or "empty")

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## HIGHLY EFFICIENT DISCHARGE SYSTEM

- > Quick filling of the container via large filling connectors
- > Pneumatic filling device on both sides, left and right
- > Feed chute with two sensor-controlled transverse augers for optimum, efficient distribution of the binder to be spread

 **STREUMASTER**  
SW 16 TC



#### 4 | RELIABLE DRIVE SYSTEM

- > A closed on-board hydraulic system guarantees operation independent of the tractor
- > Reliable transmission of power via a wide-angle driveshaft
- > Autonomous drive by means of an optional auxiliary engine

#### 5 | EASY HOOK-UP

- > Different hook-up options for all standard tractor types
- > Quick and easy hook-up to the tractor
- > Height-adjustable drawbar



Designed as trailers, the binding agent spreaders in the TC model series are ideally suited for the high-precision, computer-controlled spreading of binding agents.

Binding agent spreaders in the TC model series are mounted on a single-axle or tandem-axle trailer and can be towed by all standard tractor types.

Fully automated metering of the amount of binder to be spread independent of the travel speed of the carrier vehicle and self-cleaning metering feeders ensure uniform and precise binder discharge.

The spreading unit in rotary feeder design with separately controlled partial widths guarantees high precision and spreading performance.

A pneumatic filling device on both sides, left and right ensures quick and efficient filling of the binder container.

# Technical specification

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	Binding agent spreader SW 10 TC	Binding agent spreader SW 16 TC
<b>Container</b>		
Container capacity	10 m <sup>3</sup>	16 m <sup>3</sup>
Size of filling connector /filling hose	3"/4"	3"/4"/5"
<b>Chain conveyor</b>		
Width of chain conveyor	950 mm	
Opening height of slide gate	350 mm	
<b>Spreading unit (metering feeders)</b>		
Working width/Partial widths	2,360 mm/3 x 820 mm	
Spread rate at 2 km/h*1	1 to 60 l/m <sup>2</sup>	
<b>Hydraulic system</b>		
Max. hydraulic power	75 l/min x 300 bar	
Capacity of hydraulic fluid tank	100 l	

\*1 = The spread rate depends on various parameters (such as type of binder, type of spreading unit or site conditions)

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<b>Weights</b>		
Empty weight* <sup>2</sup>	approx. 5,000 kg	approx. 6,800 kg
Permissible total weight* <sup>3</sup>	13,000 kg* <sup>5</sup>	21,000 kg
Technically permissible total weight	15,000 kg	27,000 kg
<b>Tyres</b>		
Tyre size in standard design	710/50 - 30.5	700/50 - 26.5
Permissible travel speed* <sup>3</sup>	25 km/h	
Transport dimensions (L x W x H)* <sup>4</sup>	approx. 6,700 x 2,660 x 3,100 mm	approx. 8,200 x 2,760 x 3,250 mm
<b>Tractor requirements</b>		
Required engine power	> 90 kW/120 PS (all-wheel drive)	> 130 kW/180 PS (all-wheel drive)
Required driveshaft speed	800 rpm	
Bearing pressure on the towing device	3,000 kg* <sup>5</sup>	3,000 kg
Electrical system	12 V / 30 A	

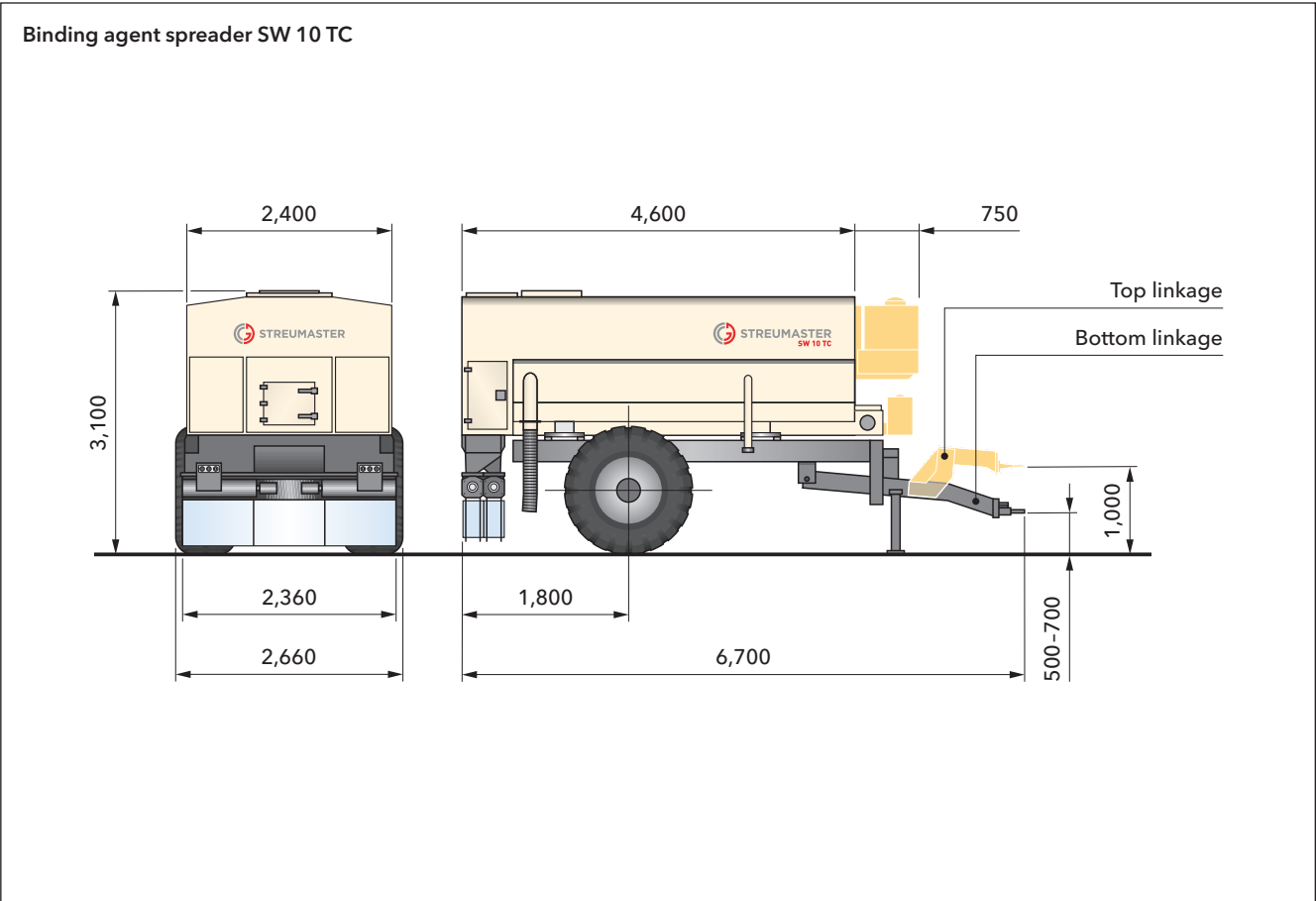
\*<sup>2</sup> = Basic machine excluding optional equipment features

\*<sup>3</sup> = On public roads adhering to the German Road Traffic Licensing Regulation (Straßenverkehrszulassungsordnung; StVZO)

\*<sup>4</sup> = With standard tyres in mounted condition

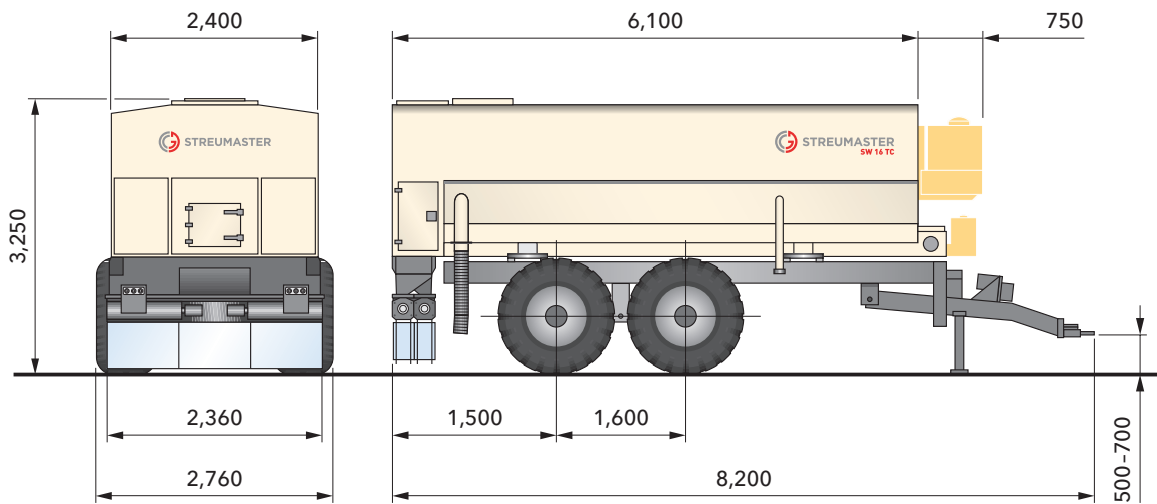
\*<sup>5</sup> = Minus 1 t for towing device with top linkage

# Dimensions



Dimensions in mm

Binding agent spreader SW 16 TC

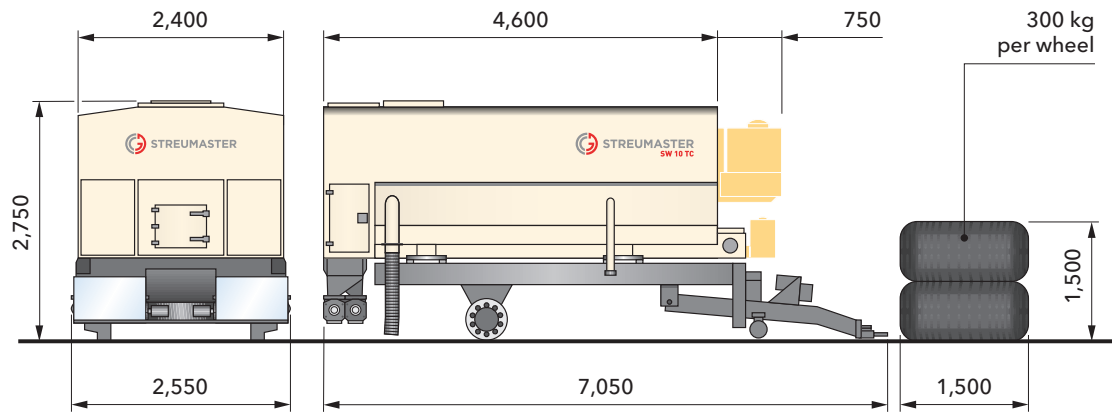


Dimensions in mm

# Dimensions

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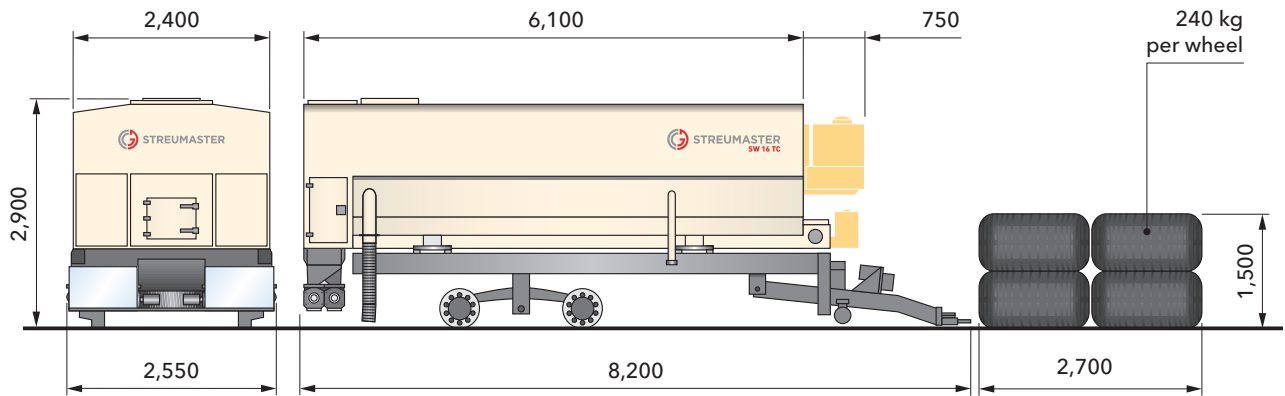
Machine transport of binding agent spreader SW 10 TC



Dimensions in mm



Machine transport of binding agent spreader SW 16 TC



Dimensions in mm

# Equipment features

	SW 10 TC	SW 16 TC
<b>Container/ Chassis</b>		
Lockable side doors	■	■
Storage compartments	□	□
Loading and lashing lugs	■	■
Single-axle chassis with spring-loaded drawbar	■	—
Tandem-axle chassis with spring-loaded drawbar	—	■
Hydraulic supporting leg	■	■
Relief cover on the chain conveyor to prevent material building up in the container	■	■
Vent pipe and pressure relief valve integrated into the container	■	■
3" pneumatic filling device on both sides, left and right	■	■
4" pneumatic filling device on both sides, left and right	□	—
4" pneumatic high-speed filling device on both sides, left and right	—	□
Filling device with stone sieve	■	■
Hydraulic slide gate	■	■
Feed chute with two sensor-controlled transverse augers	■	■
Sensor-controlled chain conveyor	■	■
<b>Drive system/ Control system/ On-board computer</b>		
Closed on-board hydraulic system (load sensing)	■	■
Hydraulic oil cooler	■	■
Oil flow control valve	■	■
Hydraulic system grouped together in a valve block for easy servicing	■	■
"WeighTronic" electronic weighing device with automatic readjustment	□	□
Wheel sensor for speed detection	■	■
Radar unit for speed detection	■	■
Control terminal	■	■
Continuous adjustment of the spread rate	■	■
Filling level indicator (container "full" or "empty")	■	■
Standard chain conveyor drive system on both sides	■	■
OptiPower chain conveyor drive system on both sides	—	□
Auxiliary engine for operation independent of the carrier vehicle or tractor	□	□

■ = Standard equipment  
 □ = Optional equipment  
 — = Not available

	SW 10 TC	SW 16 TC
<b>Spreading unit</b>		
Spreading unit size DN 230-10 in rotary feeder design	■	■
Low-volume spreading unit size DN 230-20 in rotary feeder design	□	□
High-performance spreading unit size DN 410-17 in rotary feeder design	□	□
Self-cleaning metering feeders	■	■
Three separately controlled partial widths	■	■
Fully automatic metering independent of the travel speed	■	■
<b>Drive adaptors</b>		
Wide-angle driveshaft	■	■
<b>Miscellaneous</b>		
Dust protection	■	■
Access ladder	■	■
Bag filter package	□	□
Filter system for automatic dust collection	□	□
Rotary compressor for autonomous filling from a stationary silo and/or for cleaning the machine	□	□
Job data printer for documenting binder consumption and area treated	□	□
Monitor system for monitoring the working area behind the spreader	□	□
Water spray system including water tank to reduce dust development during the spreading process	□	□
High-pressure cleaner including water tank	□	□
Lighting system with 4 LED working lights	□	□
Collecting pan and digital suspended scales for checking the spread rate	■	■

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 □ = Optional equipment  
 – = Not available



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