



# At a glance: outstanding features of the SW 18 SC/SW 18 SCi

#### 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
- > Optional high-performance spreading unit with extra-wide working width



#### CONVENIENT, HIGH-PRECISION COMPUTER CONTROL

- > Easy-to-operate control terminal
- > 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")

#### 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

## **POWERFUL DRIVE SYSTEM** > Maximum transmission of power is ensured by an efficient all-wheel drive system > High ground clearance achieved by special tyres allows good progress even in rough terrain > Low-pressure tyres for reduced ground pressure including larger tyre footprint for ideal traction STREUMASTER HIGH-POWERED CARRIER **VEHICLE** > The carrier vehicle from manufacturer BELL has been designed with permanent off-road use in mind > A wide frame and low centre of gravity are ideal for operations on difficult ground > High driving convenience is ensured by an excellent panorama view from the driver's cabin

Permanently mounted on the BELL dumper, the binding agent spreaders in the SC model series are ideally suited for the efficient, high-precision and computer-controlled spreading of binding agents.

The all-wheel drive system of the BELL dumper ensures optimum off-road mobility.

The carrier vehicle is specially equipped to effortlessly handle even extremely difficult ground conditions.

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.

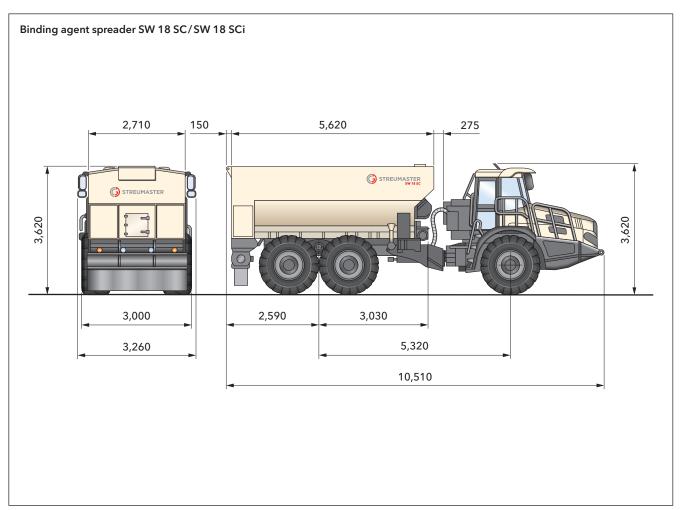
The spreading unit in rotary feeder design with separately controlled partial widths guarantees high precision and spreading performance.

## **Technical specification**

	Binding agent spreader SW 18 SC	Binding agent spreader SW 18 SCi
Container		
Container capacity	18 m³	
Size of filling connector/filling hose	3"/4"/5"	
Chain conveyor		
Width of chain conveyor	950	mm
Opening height of slide gate	350 mm	
Spreading unit (metering feeders)		
Diameter of spreading unit	410 mm	
Working width/Partial widths	Standard: 2,360 mm / 820 mm   720 mm   820 mm Option: 2,760 mm / 920 mm   920 mm	
Spread rate at 2 km/h*1	5 to 60 l/m²	
Engine		
Manufacturer	Mercedes Benz	
Туре	OM 906 LA	OM 936 LA
Cooling	Water	
Number of cylinders	6	
Maximum power	205 kW/275 HP/279 PS	210 kW/282 HP/286 PS
Rated speed in spreading mode	1,500 rpm	
Displacement	6,400 cm³	7,200 cm³
Exhaust emission standard	EU Stage 2/US Tier 2	EU Stage 4/US Tier 4f
Filling capacities		
Fuel	380 I	300 I
AdBlue®/DEF*2	- 30 l	
Hydraulic fluid	156 l	
Carrier vehicle		
Vehicle model	Bell - B25E	
Driving performance		
Max. travel speed	35 km/h	
Turning radius (outside)	8.0 m	
Ground clearance of the spreading unit	660 mm	
Tyres		
Tyre size	750 / 65 - 26	
Weights		
Empty weight*3	20,700 kg	
Permissible total weight*4	max. 45,000 kg	
Dimensions		
Transport dimensions (L x W x H)*5	10,510 x 3,260 x 3,620 mm	

<sup>\*1 =</sup> The spread rate depends on various parameters (such as type of binder, type of spreading unit or site conditions)
\*2 = AdBlue® is a registered trademark of the Association of the Automotive Industry (Verband der Automobilindustrie e. V.; VDA)
\*3 = Basic machine excluding optional equipment features
\*4 = On public roads adhering to the German Road Traffic Licensing Regulation (Straßenverkehrszulassungsordnung; StVZO)
\*5 = With standard tyres in mounted condition

### **Dimensions**



Dimensions in mm

## **Equipment features**

SW 18 SC/SW 18 SCi		
Container/Chassis		
Lockable side doors		
Loading and lashing lugs	-	
Relief cover on the chain conveyor to prevent material building up in the container	-	
Vent pipe and pressure relief valve integrated into the container		
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	•	
Drive system/Control system/On-board computer		
Closed on-board hydraulic system	•	
Hydraulic oil cooler	-	
"WeighTronic" electronic weighing device with automatic readjustment		
Speed sensor mounted on the cardan shaft	-	
Radar unit for speed detection	-	
Control terminal	•	
Continuous adjustment of the spread rate	•	
Filling level indicator (container "full" or "empty")	•	
OptiPower drive system on both sides	•	

SW 18 SC/SW 18 SCi			
Spreading unit			
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			
Miscellaneous			
Dust protection	•		
Access ladder			
Filter system for automatic dust collection			
Job data printer for documenting binder consumption and area treated			
Rotary compressor for autonomous filling from a stationary silo and/or for cleaning the machine			
Monitor system for monitoring the working area behind the spreader			
Lighting system with 4 LED working lights			
Water spray system including water tank to reduce dust development during the spreading process			
High-pressure cleaner including water tank			
Collecting pan and digital suspended scales for checking the spread rate			



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