



Streu *master*
Spreading Technology

Technical specification

Binding agent spreader SW 19 SCi



Technical specification

Binding agent spreader SW 19 SCi	
Container	
Container capacity	19 m ³
Size of filling connector/filling hose	4" / 4"
Conveyor chain	
Width of conveyor chain	950 mm
Opening height of slide gate	350 mm
Spreading unit (metering feeders)	
Working width/partial widths	2,760 mm/3 x 920 mm
Spreading quantity at 2 km/h *1	5–60 l/m ²
Engine	
Engine manufacturer	Cummins
Type	QSL 19
Cooling	water
Number of cylinders	6
Max. power	248 kW/337 PS
Rated speed in spreading mode	2,100 min ⁻¹
Displacement	8,900 cm ³
Travel characteristics	
Travel speed (with optional hydrostatic traction drive)	0.05 – 40 km/h
Turning radius (outside)	8.5 m
Ground clearance below the spreading unit	700 mm
Weights	
Empty weight *2	19,100 kg
Max. permissible operating weight	45,000 kg
Tyres	
Tyre size	800/45 R 30.5
Filling capacities	
Fuel tank	300 l
AdBlue®/DEF tank	20 l
Hydraulic fluid tank	220 l
Dimensions	
Dimensions for truck transport (L x W x H)	9,750 x 2,960 x 3,450 mm

*1 = Quantity applied depends on various parameters (e.g. binder, feeding unit and job-site conditions)

*2 = Basic machine without any additional equipment

Equipment features SW 19 SC

Container

Special coating	<input type="checkbox"/>
Container with internal stiffeners	<input checked="" type="checkbox"/>
Lockable side doors	<input checked="" type="checkbox"/>
Inspection ports with safety switch	<input checked="" type="checkbox"/>
Loading and lashing lugs	<input checked="" type="checkbox"/>
Relief cover on the conveyor chains to prevent material building up in the container	<input checked="" type="checkbox"/>
Vent pipe and pressure relief flap integrated into the container	<input checked="" type="checkbox"/>
4" pneumatic filling device on both sides	<input checked="" type="checkbox"/>
Filling device with stone filter	<input checked="" type="checkbox"/>
Hydraulic slide gate	<input checked="" type="checkbox"/>
Filling chute with 2 sensor-controlled transverse augers	<input checked="" type="checkbox"/>
Sensor-controlled conveyor chain	<input checked="" type="checkbox"/>
Mudguard with mounting parts	<input type="checkbox"/>

Drive/control system/on-board computer

Load sensing hydraulic pump	<input checked="" type="checkbox"/>
Closed on-board hydraulic system	<input checked="" type="checkbox"/>
Hydraulic oil cooler	<input checked="" type="checkbox"/>
Oil flow control valve	<input checked="" type="checkbox"/>
Hydraulic system grouped together in a valve block for easy servicing	<input checked="" type="checkbox"/>
"WeighTronic" electronic weighing device with automatic adjustment	<input type="checkbox"/>
Speed sensor mounted on the universal joint shaft	<input checked="" type="checkbox"/>
Radar unit for speed sensing	<input checked="" type="checkbox"/>
Radar unit	<input checked="" type="checkbox"/>
Central control electronics in a control cabinet	<input checked="" type="checkbox"/>
Programmable logic controller (SPS)	<input checked="" type="checkbox"/>
Infinite adjustment of the quantity to be spread	<input checked="" type="checkbox"/>
Level indicator "Container full" or "empty"	<input checked="" type="checkbox"/>
"OptiPower" drive on both sides	<input checked="" type="checkbox"/>

Spreading unit

High-performance size DN 410-17 rotary feeding unit	<input checked="" type="checkbox"/>
Volumetric dosing	<input checked="" type="checkbox"/>
Self-cleaning rotary feeders	<input checked="" type="checkbox"/>
Three separately controlled part-widths	<input checked="" type="checkbox"/>
All-automatic dosing, regardless of the travel speed	<input checked="" type="checkbox"/>

Tyres

Low-pressure tyres 800/45-30.5	<input checked="" type="checkbox"/>
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Driver's cabin

Air-sprung comfort seat	<input checked="" type="checkbox"/>
Climate control	<input checked="" type="checkbox"/>
Radio, CD	<input checked="" type="checkbox"/>
Panoramic rear-view mirror	<input checked="" type="checkbox"/>
Safety ventilation	<input checked="" type="checkbox"/>
Bluetooth preparation	<input checked="" type="checkbox"/>
Compressed air connection	<input checked="" type="checkbox"/>

*1 = Cannot be calibrated

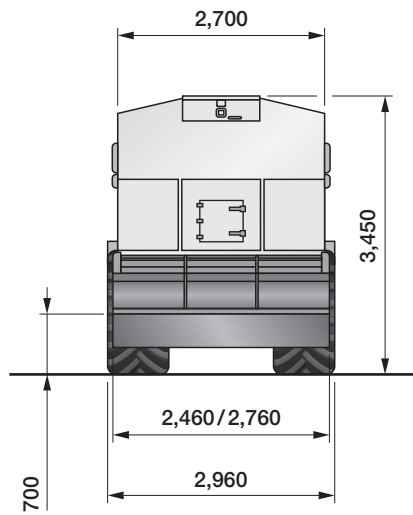
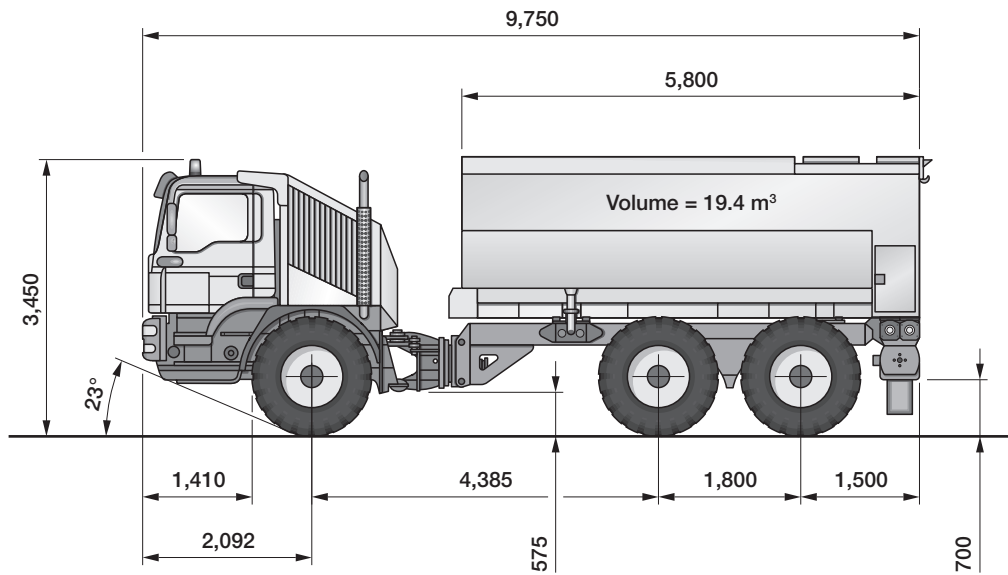
■ = standard equipment
□ = optional equipment

Equipment features SW 19 SCi	
Chassis	
Articulated joint with a steering angle of up to 45°, actuated via two double-acting hydraulic cylinders	■
Electric emergency steering pump (automatic operation in case of engine failure)	■
Generously sized ball slewing ring with a diameter of 590 mm to allow free torsional movement between the front and rear vehicles	■
Compressed air accumulator	■
Central lubrication system	■
Reversing lights, reversing alarm	■
Mechanical steering lock for transport	■
Axles and suspension	
Three drive axles	■
Pneumatic differential locks between the axles and wheels (two inter-axle differential locks plus three inter-wheel differential locks)	■
Vehicle operation 6x2/6x4/6x6	■
Pneumatically operated drum brakes	■
Independently suspended rear axles mounted by means of connecting rods	■
Axle suspension front and rear by means of hydraulic cylinders (one cylinder per wheel)	■
Electro-hydraulic slope correction system	■
Engine & gearbox	
Combined air/water cooler	■
Hydrostatic travel drive system for travel speeds from 0.05 to 11 km/h	□
“Wiggins” high-speed refuelling system	■
Generously dimensioned air filter	■
8 forward and 4 reverse gears	■
Two pumps with variable flow rates for the steering and drive systems of the binding agent spreader	■
Manual gearbox with separate torque converter	■
Hydraulic fluid tank with a capacity of 200 litres	■
Manual emergency operation of the hydraulic valve block	■
Miscellaneous	
Standard warranty	■
Customized warranty	□
Dust protection	■
Warning light	■
Access ladder	■
Bag filter package	□
Automatic dust-collecting filter system	□
Rotary compressor for automatic filling from a stationary silo and/or for cleaning the machine	□
Job data printer for documenting consumption of binding agent and performance per unit area	□
Monitor system for monitoring the rear working area	□
Lighting package with 4 LED working lights	■
Water spray system with water tank to reduce dust formation during the spreading process	□
High-pressure cleaner with water tank	□
Collecting pan and digital suspended scales for checking the spread quantity	■
Safety certificate by the employers liability insurance association	■
Technical documentation in duplicate	■

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Binding agent spreader SW 19 SCi
Dimensions in mm





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