



Streu *master*
Spreading Technology

Technical specification

Binding agent spreader MC series

SW 12 MC | SW 16 MC | SW 20 MC



Technical specification

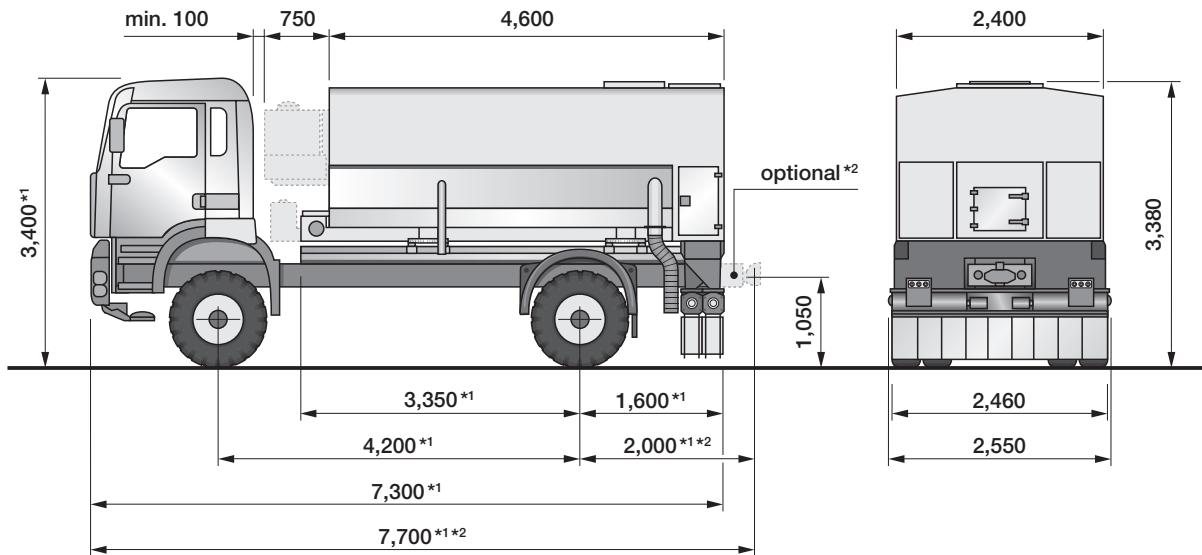
	Binding agent spreader SW 12 MC	
Container		
Container capacity	12 m ³	
Size of filling connector/filling hose	3"/4"	
Conveyor chain		
Width of conveyor chain	950 mm	
Opening height of slide gate	350 mm	
Spreading unit (metering feeders)	standard spreading unit Ø 230 mm	high-performance spreading unit Ø 410 mm
Working width/partial widths	2,460 mm / 3 x 820 mm	2,460 mm / 3 x 820 mm
Spreading quantity at 2 km/h* ¹	3–42 l/m ²	5–60 l/m ²
Hydraulic system		
Max. hydraulic power	75 l/min x 300 bar	90 l/min x 300 bar
Capacity of hydraulic fluid tank	100 l	100 l
Weights		
Built-up empty weight* ²	4,000 kg	4,000 kg
Truck requirements		
Minimum speed of auxiliary drive	500 min ⁻¹	500 min ⁻¹
Required speed of auxiliary drive for max. hydraulic power	700 min ⁻¹	800 min ⁻¹
Max. permissible speed of auxiliary drive	2,600 min ⁻¹	2,600 min ⁻¹
Required power output of auxiliary drive	≥ 40 kW	≥ 48 kW
Required torque of auxiliary drive, max.	400 Nm	570 Nm
Electrical system – standard	24 V / > 20 A	24 V / > 20 A
Electrical system – optional	20 A (40 A)	20 A (40 A)

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

*² = basic machine without any additional equipment

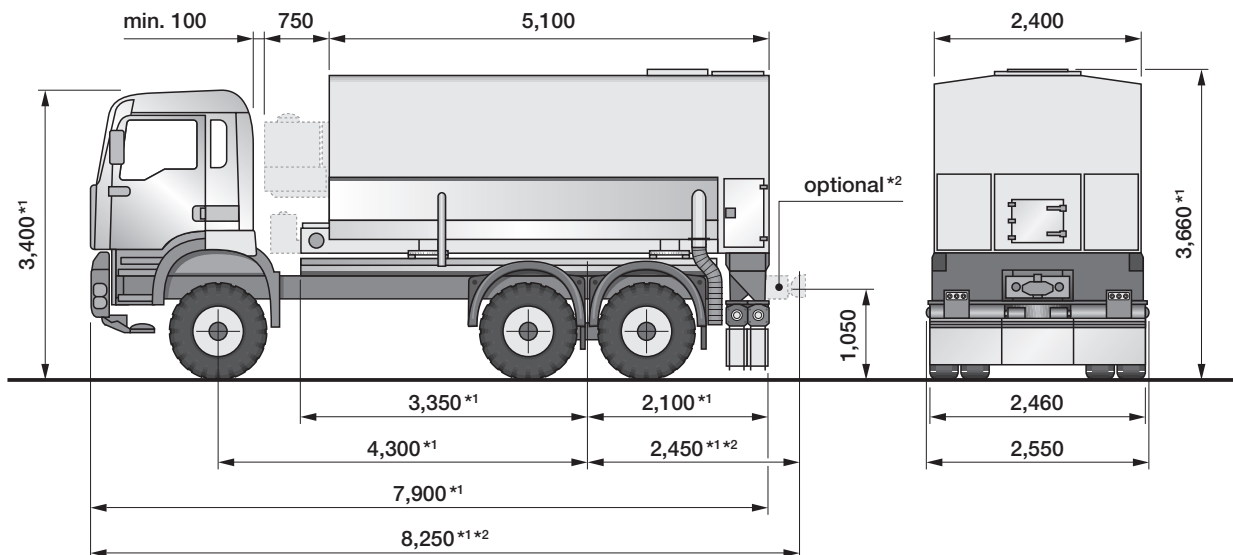
Binding agent spreader SW 16 MC		Binding agent spreader SW 20 MC	
16 m ³		20 m ³	
3"/4"		3"/4"	
950 mm		950 mm	
350 mm		350 mm	
standard spreading unit Ø 230 mm	high-performance spreading unit Ø 410 mm	standard spreading unit Ø 230 mm	high-performance spreading unit Ø 410 mm
2,460 mm / 3 x 820 mm	2,460 mm / 3 x 820 mm	2,460 mm / 3 x 820 mm	2,460 mm / 3 x 820 mm
3–42 l/m ²	5–60 l/m ²	3–42 l/m ²	5–60 l/m ²
75 l/min x 300 bar	90 l/min x 300 bar	75 l/min x 300 bar	90 l/min x 300 bar
100 l	100 l	100 l	100 l
4,500 kg	4,500 kg	5,000 kg	5,000 kg
500 min ⁻¹	500 min ⁻¹	500 min ⁻¹	500 min ⁻¹
700 min ⁻¹	800 min ⁻¹	700 min ⁻¹	800 min ⁻¹
2,600 min ⁻¹	2,600 min ⁻¹	2,600 min ⁻¹	2,600 min ⁻¹
≥ 40 kW	≥ 48 kW	≥ 40 kW	≥ 48 kW
400 Nm	570 Nm	400 Nm	570 Nm
24 V / > 20 A	24 V / > 20 A	24 V / > 20 A	24 V / > 20 A
20 A (40 A)	20 A (40 A)	20 A (40 A)	20 A (40 A)

Binding agent spreader SW 12 MC
Built-up unit with 2-axle truck
 Dimensions in mm



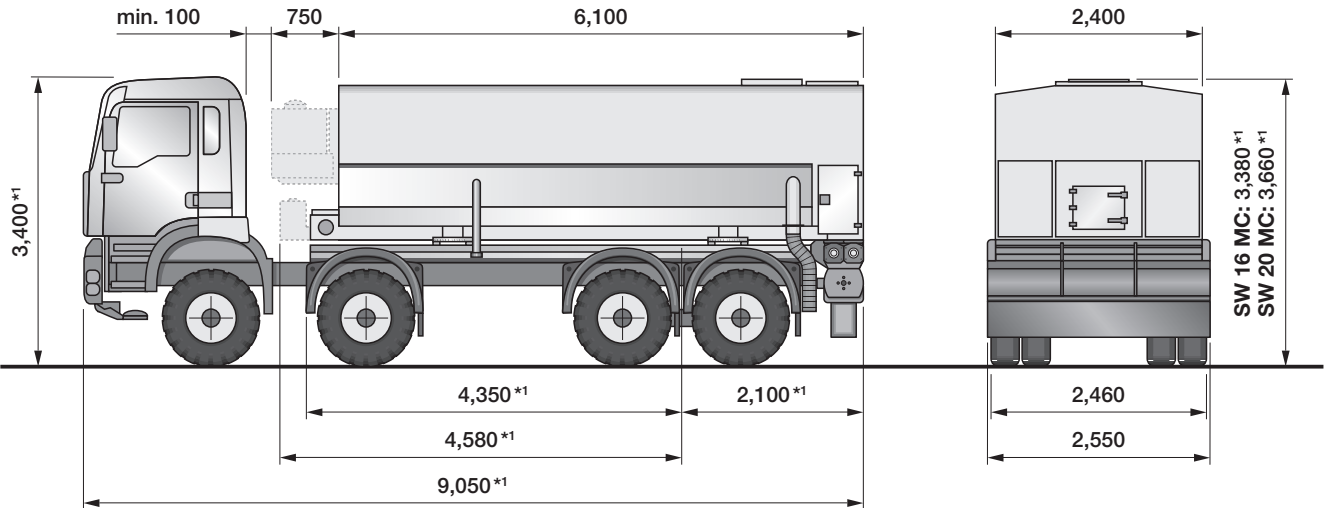
*1 = dimensions based on MAN chassis
 *2 = frame extension with trailer coupling (optional)

Binding agent spreader SW 16 MC
Built-up unit with 3-axle truck
 Dimensions in mm



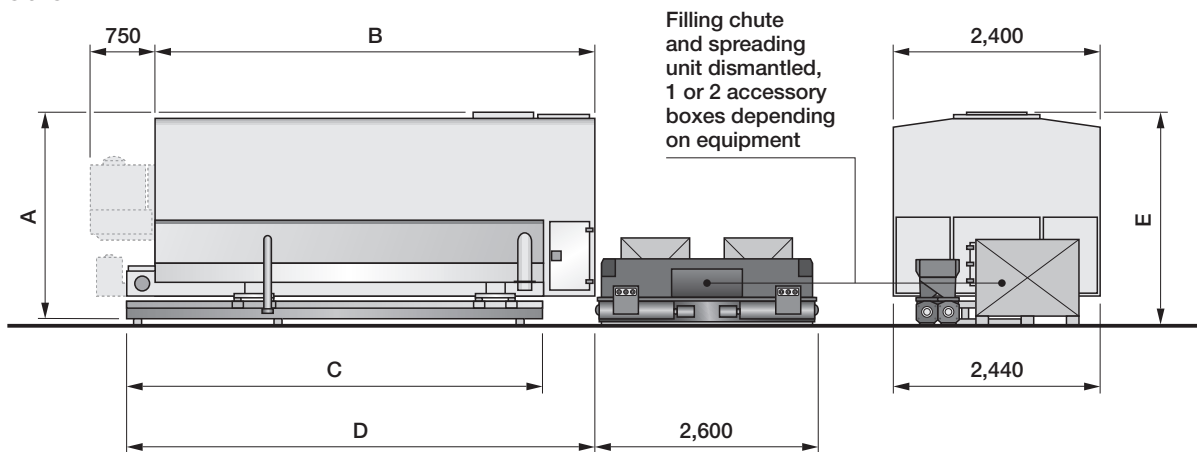
*1 = dimensions based on MAN chassis
 *2 = frame extension with trailer coupling (optional)

Binding agent spreader SW 16 MC and SW 20 MC
Built-up unit with 4-axle truck
Dimensions in mm



*1 = dimensions based on MAN chassis

Transport dimensions of binding agent spreader SW 12 MC, SW 16 MC and SW 20 MC
(built-up unit, without truck)
Dimensions in mm



	A	B	C	D	E
SW 12 MC (built-up unit for 2 axles)	2,140	4,600	4,380	4,980	2,240
SW 16 MC (built-up unit for 3 axles)	2,420	5,100	4,880	5,480	2,520
SW 16 MC (built-up unit for 4 axles)	2,140	6,100	5,880	6,480	2,240
SW 20 MC (built-up unit for 4 axles)	2,420	6,100	5,880	6,480	2,520

Equipment features	SW 12 MC	SW 16 MC 3 axles	SW 16 MC 4 axles	SW 20 MC
Container / chassis				
Standard coating	■	■	■	■
Special coating	□	□	□	□
Binder container with internal reinforcement	■	■	■	■
Lockable side doors	■	■	■	■
Inspection ports with safety switch	■	■	■	■
Storage compartments	□	□	□	□
Loading and lashing lugs	■	■	■	■
Built-up unit for 2-axle truck	■	-	-	-
Built-up unit for 3-axle truck	-	■	-	-
Built-up unit for 4-axle truck	-	-	■	■
Sub-frame for the carrying vehicle	■	■	■	■
Relief cover on the conveyor chains to prevent material building up in the container	■	■	■	■
Vent pipe and pressure relief flap integrated into the container	■	■	■	■
3" pneumatic filling device on both sides	■	■	■	■
4" pneumatic filling device on both sides	□	-	-	-
4" high-speed pneumatic filling device on both sides	-	□	□	□
Filling device with stone filter	■	■	■	■
Hydraulic slide gate	■	■	■	■
Filling chute with 2 sensor-controlled transverse augers	■	■	■	■
Sensor-controlled conveyor chain	■	■	■	■
Mudguard with mounting parts* ³	□	□	□	□
Lateral protection* ³	□	□	□	□
Drive / control system / on-board computer				
Load sensing hydraulic pump	■	■	■	■
Closed on-board hydraulic system	■	■	■	■
Hydraulic oil cooler	■	■	■	■
Oil flow control valve	■	■	■	■
Hydraulic system grouped together in a valve block for easy servicing	■	■	■	■
Electronic weighing device* ¹	□	□	□	□
"WeighTronic" electronic weighing device with automatic adjustment	□	□	□	□
Speed sensor mounted on the wheels	■	■	■	■
Radar unit for speed sensing	■	■	■	■
Control terminal	■	■	■	■
Central control electronics in a control cabinet	■	■	■	■

*1 = cannot be calibrated

*2 = including licensing papers for Germany. Please contact your local Wirtgen branch for licensing in other countries

*3 = required for TÜV approval in Germany

■ = standard equipment
□ = optional equipment
- = not available

Equipment features	SW 12 MC	SW 16 MC 3 axles	SW 16 MC 4 axles	SW 20 MC
Drive/control system/on-board computer				
Programmable logic controller (SPS)	■	■	■	■
Infinite adjustment of the quantity to be spread	■	■	■	■
Level indicator "Container full" or "empty"	■	■	■	■
"Standard" drive on both sides	■	■	■	-
"OptiPower" drive on both sides	-	□	□	■
Auxiliary engine for operation independently of the carrying vehicle or tractor	□	□	□	□
Spreading unit				
Size DN 230-10 rotary feeding unit	■	■	■	■
High-performance size DN 410-17 rotary feeding unit	□	□	□	□
Volumetric dosing	■	■	■	■
Self-cleaning rotary feeders	■	■	■	■
Three separately controlled part-widths	■	■	■	■
All-automatic dosing, regardless of the travel speed	■	■	■	■
Miscellaneous				
Standard warranty	■	■	■	■
Customized warranty	□	□	□	□
Dust protection	■	■	■	■
Access ladder	■	■	■	■
Bag filter package	□	□	□	□
Automatic dust-collecting filter system	□	□	□	□
Job data printer for documenting consumption of binding agent and performance per unit area	□	□	□	□
Rotary compressor for automatic filling from a stationary silo and/or for cleaning the machine	□	□	□	□
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	□	□	□	□
Frame extension to accommodate a low-bed trailer	□	□	-	-
Hydraulic connections for operation of a low-bed trailer	□	□	-	-
German TÜV approval (Technischer Überwachungsverein = Technical Inspection Agency)* ³	□	□	□	□
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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