

Technical specification

Binding agent spreader MC series

SW 12 MC | SW 16 MC | SW 20 MC



Technical specification

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Binding agent spreader SW 12 MC		
Container		
Container capacity	12 m ³	
Size of filling connector/filling hose	3"/4"/5"	
Conveyor chain		
Width of conveyor chain	950 mm	
Opening height of slide gate	350 mm	
Spreading unit (metering feeders)	spreading unit Ø 230 mm	spreading unit Ø 410 mm
Working width/partial widths	2,460 mm / 3 x 820 mm	
Spreading quantity at 2 km/h * ¹	1-60 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	
Weights		
Built-up empty weight * ²	4,000 kg	
Truck requirements		
Minimum speed of auxiliary drive	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	
Required power output of auxiliary drive	≥ 40 kW	≥ 48 kW
Required torque of auxiliary drive	400 Nm	570 Nm
Electrical system - standard	24 V / 20 A	24 V / 20 A

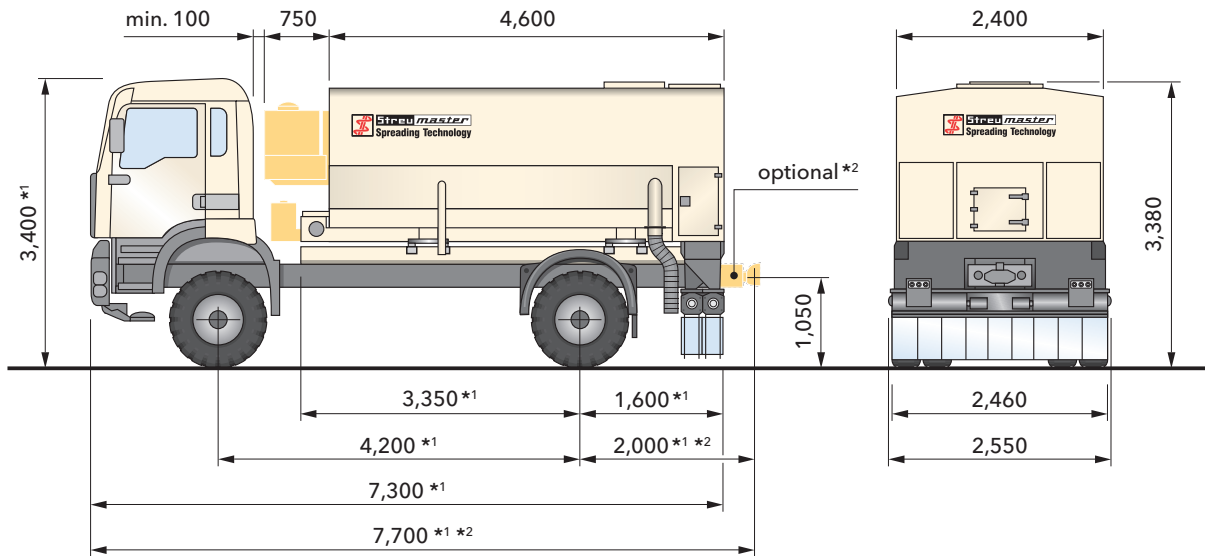
*¹ = quantity applied depends on various parameters (e.g. binder, feeding unit and job-site conditions)

*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"/5"		3"/4"/5"	
950 mm		950 mm	
350 mm		350 mm	
spreading unit Ø 230 mm	spreading unit Ø 410 mm	spreading unit Ø 230 mm	spreading unit Ø 410 mm
2,460 mm / 3 x 820 mm		2,460 mm / 3 x 820 mm	
1-60 l/m ²		1-60 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	
4,500 kg		5,000 kg	
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	
≥ 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

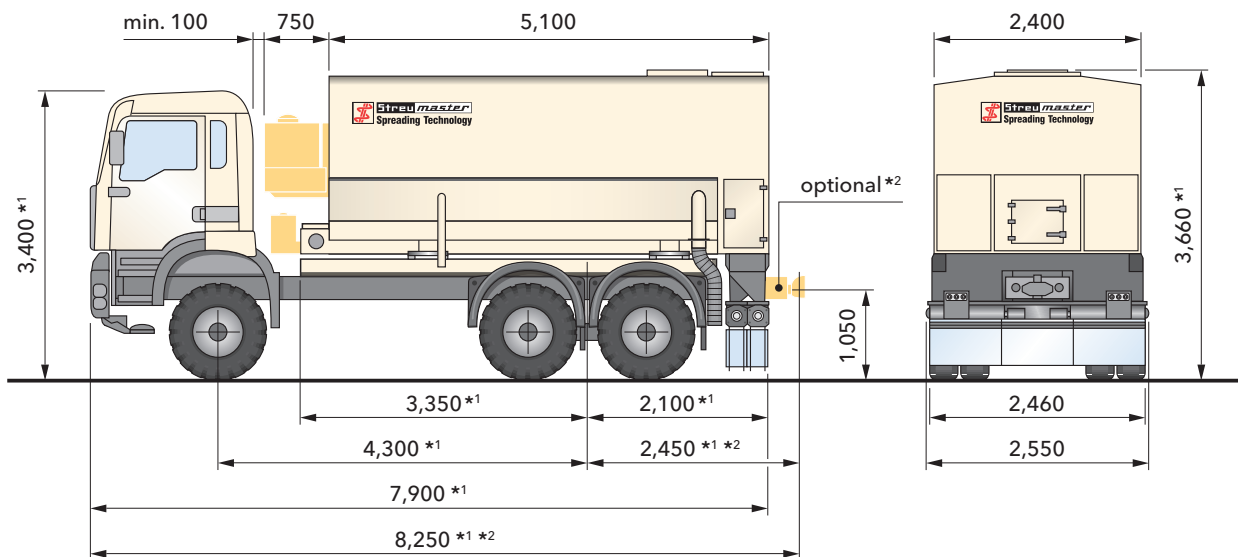
Dimensions

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



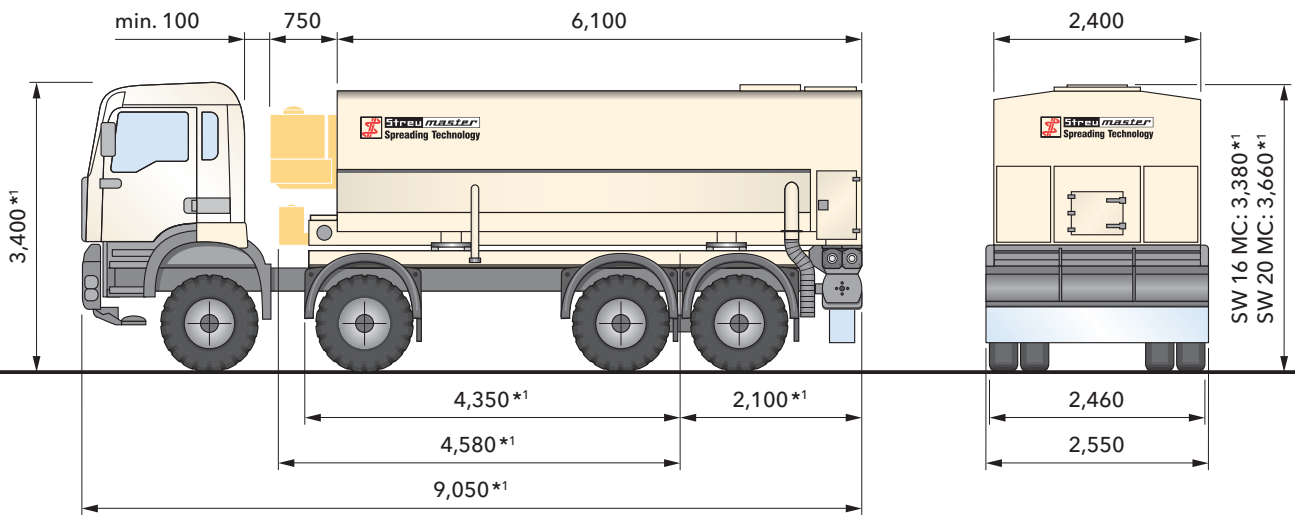
*1 = dimensions based on MAN chassis
*2 = frame extension with trailer coupling (optional)

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



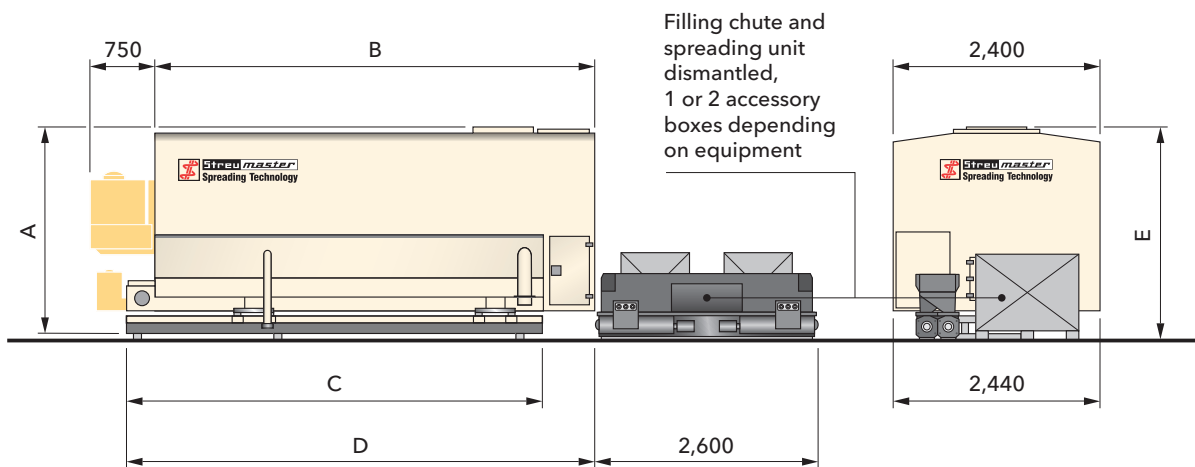
*1 = dimensions based on MAN chassis
*2 = frame extension with trailer coupling (optional)

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



*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)



	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

Dimensions in mm

Equipment features

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	SW 12 MC	SW 16 MC 3 axles	SW 16 MC 4 axles	SW 20 MC
Container / chassis				
Lockable side doors	■	■	■	■
Storage compartments	□	□	□	□
Loading and lashing lugs	■	■	■	■
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	■	■	■	■
Lateral protection *1	□	□	□	□
Drive / control system / on-board computer				
Closed on-board hydraulic system	■	■	■	■
Hydraulic oil cooler	■	■	■	■
"WeighTronic" electronic weighing device with automatic adjustment	□	□	□	□
Speed sensor mounted on the wheels	■	■	■	■
Radar unit for speed sensing	■	■	■	■
Control terminal	■	■	■	■
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	□	□	□	□

*1 = required for TÜV approval in Germany

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

	SW 12 MC	SW 16 MC 3 axles	SW 16 MC 4 axles	SW 20 MC
Spreading unit				
Size DN 230-10 rotary feeding unit	■	■	■	■
High-performance size DN 410-17 rotary feeding unit	□	□	□	□
Self-cleaning rotary feeders	■	■	■	■
Three separately controlled part-widths	■	■	■	■
All-automatic dosing, regardless of the travel speed	■	■	■	■
Miscellaneous				
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	□	□	□	□
Collecting pan and digital suspended scales for checking the spread quantity	■	■	■	■



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