



- stronger than the rest



SB DRIP HOSE BOOM

SAMSON SB drip hose booms are fully galvanised and constructed with a pendulum suspension ensuring that the hoses follows the surface of the soil.

The drip hoses systems are raised and sunk hydraulically through a master/slave-system, that makes it possible to fold the sides at the same time.

When the system is folded along the sides of the slurry tanker during transportation, it is inclined so the slurry runs back to the distributor and don't drip from the hoses.

SAMSON SB drip hose booms are delivered from 12 to 24 m wide (with ADS 12-20m). They have either fixed dosing width or can combine different widths.



SAMSON drip hose systems can also be equipped with ADS (anti-dripping system), ensuring that the hoses are fully blocked and don't drip during transportation. SB drip hose booms with ADS can be from 12 to 20 m wide.

SB drip hose booms are mounted with a vertical distributor with a chopper box having a capacity from 4,500 l/min to 10,000 l/min depending on pressure and flow.

The distributor on SAMSON drip hose systems has a stone trap to gather foreign objects. This stone trap can be mounted with a hydraulic slide valve that makes it easier to empty the distributor before driving on the roads and thus avoiding overflow.

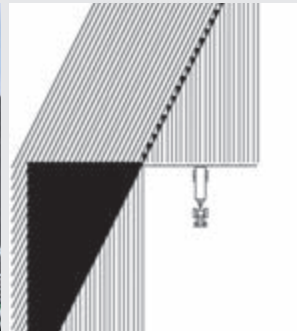
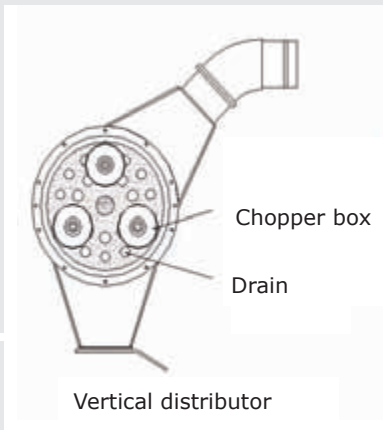


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Optional equipment

SAMSON section distributor enables to avoid overdosage of slurry and instead to exploit it optimally. The distributor can shut down 1 m section at a time. This can be used when fields are not rectangular or when starting/stopping spreading. At the beginning of spreading, the slurry is first sent to the longest hoses and vice-versa at the end of spreading. Thus slurry comes out of all hoses at the same time and you avoid an overdosage behind the tanker. (Can be mounted on 20-24m drip hose booms).



With section distributor
Minimal overlap

Without section distributor - large overlap

SB drip hose boom has a pendulum suspension that can be equipped with hydraulic inclined position, so the system better can follow the surface even when very unequal.



Fittings and other optional equipments: fittings with lights with or without lift, draw unit for fender, footboard, hydr. slide valve on distributor, automatic closing of slide valve, hole plates for distributor (1000-3.500 l/min or 3.500 - 6.900 l/min), 4 ball plug valves for blinding in tracks, super spreader.

Technical specifications

Drip hose boom	Proportioning width m	Distributor n° of holes	Center section mm	Width folded	Distance between hoses	Meters Ø45 x 3,45 mm
SB 12	12	36	2850	3000 mm	300 mm	225
SB 12-16	12-15-16	48	2850	3100 mm	330 mm	305
SB 16-20-24	16-18-20-24	72	2850	3100 mm	330 mm	700
SB 18-20-24	16-18-20-24	72	2850	3100 mm	330 mm	700
SB ADS 12	12	36	2650	3000 mm	330 mm	225
SB ADS 12-16	12-15-16	48	2650	3000 mm	330 mm	305
SB ADS 12-15-18	12-15-18	60	2650	3000 mm	330 mm	333
SB ADS 12-16-20	12-15-16-18-20	60	2650	3000 mm	330 mm	400