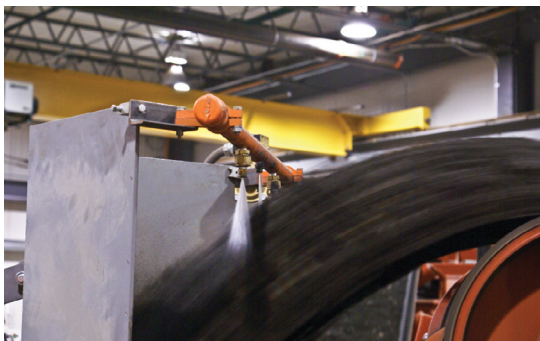
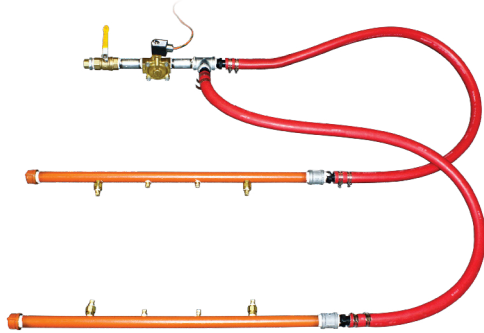


Martin® Spray Dust System



The [Martin® Spray Dust System](#) allows bulk material to be treated without containment. A traditional fog system could only be applied in situations where containment was provided. By spraying the material, water is applied directly to the material. By strategically wetting the material, the potential to create dust is eliminated and dust is controlled without requiring containment.

A spray bar system operates at facility line pressure and is activated using a 110/120V control signal. The spray bar is used in applications where containment is not needed or desired.

Features & Benefits

Garden Hose or 1" NTP Tie In
Adaptable to any application.

110 V Solenoid Valve
Automation capable.

Outer Nozzles Set On Swivels
The outer nozzles on each bar are set on swivels to prevent overspray.

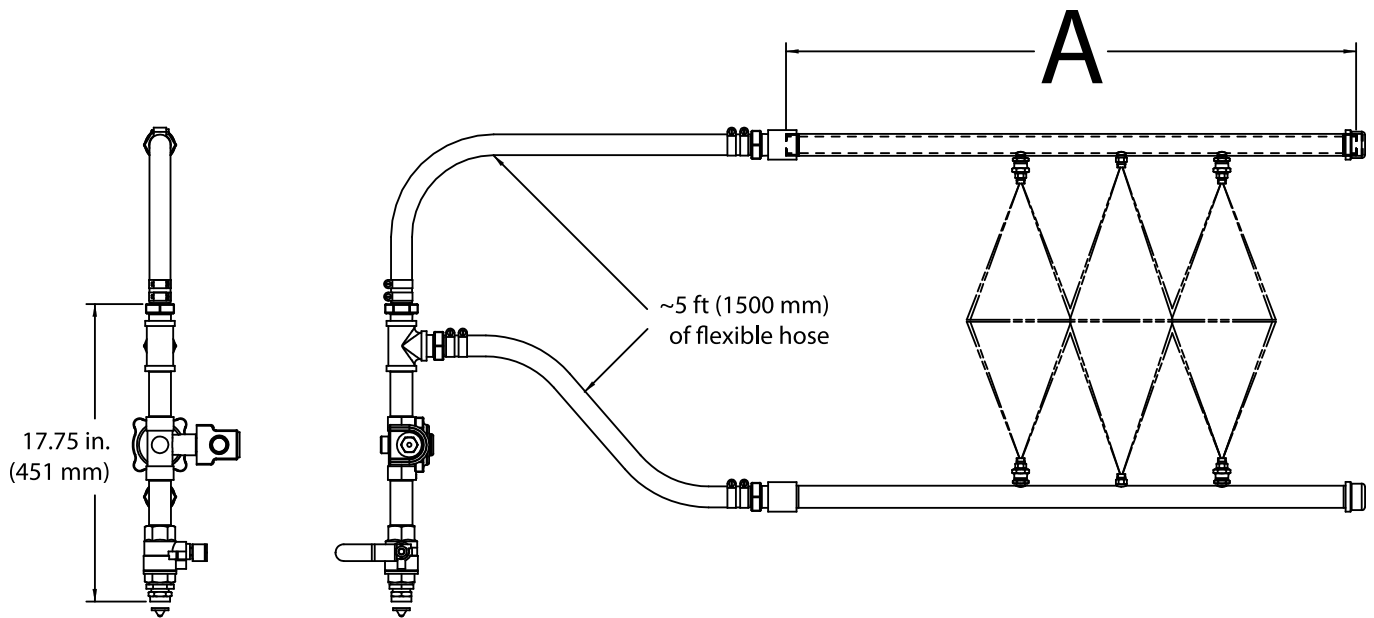
Two Spray Bars
Dual system treats both sides of material stream.

Manual Ball Valve
Isolatable.

Unistrut and Hose Clamp Mounts
Able to be installed with or without chute wall.

Galvanized Fittings
Accommodates reactive water.

0.094" (2 mm) Equivalent Orifice Diameter Nozzles
Accommodates large particles suspended in water without plugging nozzles.



Model # / Dimensions

Spray Bar is defined by belt width.
DSSB-XX (XX = belt width).

Model Number	A: in. (mm)
DSSB-18	16 (406)
DSSB-24	22 (559)
DSSB-30	28 (711)
DSSB-36	34 (864)
DSSB-42	40 (1016)
DSSB-48	46 (1168)
DSSB-54	52 (1321)
DSSB-60	58 (1473)
DSSB-66	64 (1626)
DSSB-72	70 (1778)
DSSB-78	76 (1930)
DSSB-84	82 (2083)
DSSB-96	94 (2388)

Water Consumed (Gallons per Minute)

The amount of water consumed is a function of the belt width and the pressure of the water available.

Belt Width (in)	Pressure Available (PSI)							
	5	10	20	30	40	60	80	100
18	1	2	2	3	3	4	4	5
24	2	3	4	5	6	7	8	10
30	2	3	4	5	6	7	8	10
36	4	6	9	10	12	14	17	19
42	5	8	11	13	15	18	21	24
48	5	8	11	13	15	18	21	24
54	6	9	13	16	18	22	25	29
60	7	11	15	18	21	25	29	34
66	7	11	15	18	21	25	29	34
72	8	12	18	21	24	29	34	38
78	10	14	20	23	27	32	38	43
84	10	14	20	23	27	32	38	43
96	12	17	24	29	33	40	46	53



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