

WATER SPRAY POLE SYSTEM

Water Spray Improves Belt Cleaning Efficiency

The Spray Pole System was developed to add water to the Eliminator® Belt Cleaning Systems. The introduction of a limited amount of water improves the belt cleaner's cleaning performance, especially on belts with hard-to-clean or sticky carryback materials. The water spray helps in two ways: First, the high-pressure spray helps dislodge the materials that are embedded in the belt's cover and in the mechanical splices. Second, the water suspends the carryback material, making it easier for the cleaner to work more efficiently with less tension on the blades. The results: a cleaner belt, less blade wear, and longer blade life.



A Simple-to-Install Option for Secondary Cleaners

The Water Spray Pole Assembly includes spraybar, nozzles, and brackets to mount independently or attach to secondary cleaner.

The unit is compact and easy to install. Each spray pole quickly clamps to any of the Flexco Secondary Belt Cleaners P-Type®, R-Type®, U-Type®, and MHS.

An optional Water Control Manifold is also available to maintain the correct spray pressure and water flow. It is complete with a strainer to minimize clogging of the nozzles, a pressure regulator that can be set to the recommended water pressure, a solenoid and bypass for maintenance, and a pressure gauge to visually check the pressure during routine inspections— all mounted on a stainless steel backing plate.

Other Key Features and Benefits

- The spray nozzles are angled at 45° to the belt to create a chiseling effect on the carryback without blasting the material from the belt.
- Provides superior cleaning power without the need to overtension the cleaner blades, reducing the potential for premature blade wear.
- Helps suppress dust when cleaning off dry materials.
- Most of the residual water is removed by the secondary cleaner, leaving the belt clean and dry.
- Minimal maintenance is required. All that is needed is a periodic check of the water pressure and an occasional cleaning of the strainer. Spray nozzles can be easily removed for cleaning if necessary.
- Available in sizes for belt widths from 18–120" (450–3000 mm).



Spray Pole Control Panel

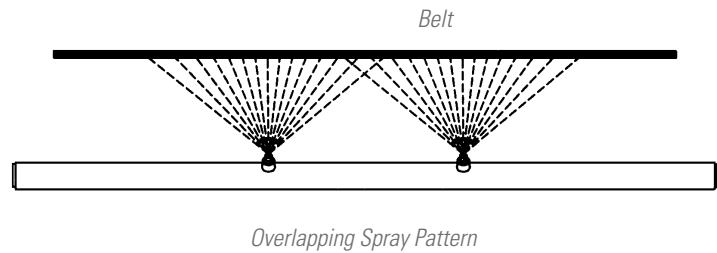


Spray Pole

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Specifications and Guidelines

- Stainless steel pole with powder coated steel clamping brackets.
- Spray nozzles are spaced typically at 12" (300 mm) centers.
- Delivers 1 gallon per minute at 60 psi (414 kPa).
- Generally will affect moisture content of material by less than .5%
- Maximum inlet pressure is 300 psi (2069 kPa).
- Typical pressure setting is 29–87 psi (276–414 kPa).



Spray Nozzles per Belt Width													
Belt Width	in	18	24	30	36	42	48	54	60	72	84	96	120
	mm	450	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
Spray Nozzles		1	2	2	3	3	4	4	5	6	7	8	10

Spray Pole Kits - Standard & Heavy-Duty					
Belt Width		Ordering Number	Item Code	Weight	
in	mm			Lb.	Kg.
18	450	SPK18	74709	23.0	10.4
24	600	SPK24	74710	23.0	10.4
30	750	SPK30	74711	24.0	10.9
36	900	SPK36	74712	24.0	10.9
42	1050	SPK42	74713	25.5	11.6
42	1050	SPKHD42	74952	26.5	12.0
48	1200	SPK48	74714	26.0	11.8
48	1200	SPKHD48	74953	27.0	12.2
54	1350	SPK54	74715	27.0	12.2
54	1350	SPKHD54	74954	28.0	12.7
60	1500	SPK60	74716	28.0	12.7
60	1500	SPKHD60	74955	29.0	13.2
72	1800	SPK72	74717	30.0	13.6
72	1800	SPKHD72	74718	32.0	14.5
84	2100	SPKHD84	74719	34.0	15.4
96	2400	SPKHD96	74720	36.0	16.3
120	3000	SPKHD120	74721	40.0	18.1

Includes Spray Pole, Mounting Brackets, and 10' (3M) Hose.

Standard-duty is for use on P-Type®, R-Type®, U-Type® 18–60", Y-Type®SD, and EZS2 cleaners; Heavy-duty is for use on H-Type®, U-Type® 72–96", Y-Type®HD, FMS, CBS, MHS, and MDWS cleaners.

Other sizes available upon request.

Lead time: 1 working day

Replacement Parts				
Description	Ordering Number	Item Code	Weight	
			Lb.	Kg.
Standard Spray Pole Mounting Kit	SPMK2	75578	3.6	1.6
HD Spray Pole Mounting Kit	SPMK3	75579	3.7	1.7
SP Ball Valve	SPBV	74742	0.6	0.3
SP Y Strainer	SPYS	74743	1.5	0.7
SP Pressure Regulator	SPPR	74744	1.2	0.5
SP Hose 10' (3M)	SPH10	74745	2.9	1.3
Spray Pole Nozzle	SPN	74746	0.1	.05
Spray Pole Gauge	SPG	74747	0.5	0.2
SP SS Pipe Nipple	SPPN	74748	0.1	.05

Lead time: 1 working day

Control Assembly				
Description	Ordering Number	Item Code	Weight	
			Lb.	Kg.
SP Control Panel with Regulator, Strainer and Pressure Gauge	SPCP	74734	16.5	7.5

Pressure			Flow
Bar	kPa	PSI	L/min
2	200	29	3.2
3	300	44	3.9
4	400	58	4.6
6	600	87	5.6

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