

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.

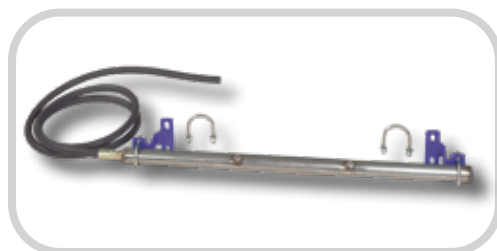
An optional Water Control Manifold is also available to maintain the correct spray pressure and water flow. It is complete with a strainer to minimize clogging of the nozzles, a pressure regulator that can be set to the recommended water pressure, a solenoid and bypass for maintenance, and a pressure 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 450–3000 mm (18–120").



Spray Pole Control Panel

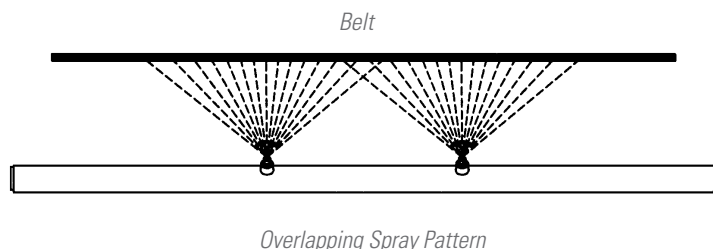


Spray Pole

WATER SPRAY POLE SYSTEM

Specifications and Guidelines

- Stainless steel pole with powder coated steel clamping brackets.
- Spray nozzles are spaced typically at 300 mm (12") centers.
- Delivers 3.9 litres (1 gallon) per minute at 414 kPa (60 psi).
- Generally will affect moisture content of material by less than .5%
- Maximum inlet pressure is 2069 kPa (300 psi).
- Typical pressure setting is 276–414 kPa (29–87 psi).



Spray Nozzles per Belt Width

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

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

Lead time: 1 working day

Control Assembly

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

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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