

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.



Spray Pole Control Panel

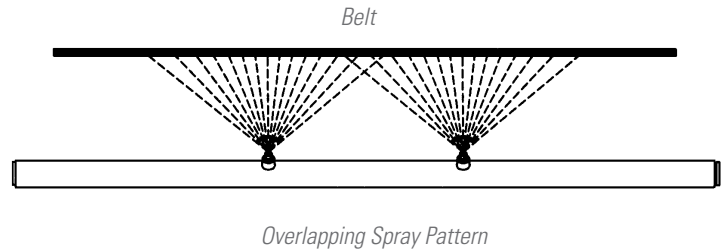


Spray Pole

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Specifications

- Stainless steel pole with stainless steel clamping brackets
- Spray nozzles are spaced typically at 300 mm centers
- Delivers 3.9 liters per minute at 300 kPa per nozzle
- Generally will affect moisture content of material by less than .5%
- Typical pressure setting is 300 to 400 kPa



Spray Nozzles per Belt Width

Belt Width (mm)	450	600	750	900	1050	1200	1400	1500	1600	1800
Spray Nozzles	1	2	3	3	3	4	5	5	5	6

For sizes over 1800 mm, please contact Flexco.

Stand Alone Spraybar Assemblies (38 mm dia.)

Belt Width (mm)	Ordering Number	Item Code
600	SB600A	A0877
750	SB750A	A0407
900	SB900A	A0912
1050	SB1050A	A0435
1200	SB1200A	A0316
1400	SB1400A	A1620
1500	SB1500A	A1838
1800	SB1800A	A1357

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

Water Control Manifold

Description	Item Code
WCB	A0012

Water Control Manifolds come complete with the following:

- 1/2" BSP connections
- Solenoid valve (24V DC Standard)
- Pressure regulator
- Filter strainer
- Lockable ball valves
- Manual bypass line
- Stainless steel backing plate

Replacement Parts

Description	Belt Width (mm)	Ordering Number	Item Code	Dim'A'	No. of Sprays
Spray Bar	600	SB600	A0886	1350	2
	750	SB750	A0408	1500	3
	900	SB900	A0696	1650	3
	1050	SB1050	A0334	1800	3
	1200	SB1200	A0863	1950	4
	1400	SB1400	A0827	2200	5
	1500	SB1500	A0368	2350	5
	1600	SB1600	A0368	2450	5
	1800	SB1800	A0137	2650	6
	2500	SB2500		3350	9
	3200	SB3200		4050	11
Spray Nozzle			74053		
Valve Assembly			73434		
Mounting Bracket			A1535		
U-Bolt			A1536		

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

Authorized Distributor:

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