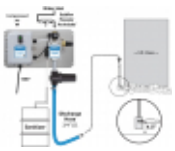
Conveyor-Mate™ LC Foam System

MODEL # 975930



OVERVIEW

The Conveyor-Mate™ LC Foam System is specialized for Clean-In-Place foaming on to conveyor belts up to 48" wide and also can be used as a manual foamer. The stainless steel foam arm and nozzle assembly can be permanently or temporarily mounted to the conveyor belt housing or nearby surface. The fully adjustable foam arm extends vertically and horizontally to virtually any position. The unique stainless steel Spreader Nozzle™ creates a wide foam pattern that can be adjusted and rotated to ensure optimal coverage at any angle. The included LC Foamer is a venturi dilution system that uses city water pressure (35 - 125 PSI) to draw and accurately blend chemical concentrate into the water stream. Compressed air is added to create rich clinging foam, which flows through the hose to the foam arm. Quick disconnect the foam arm and attach a wand for manual foaming.

Key Features

- LC Foamer accurately dilutes chemical concentrate on demand using precision metering tips
- Foamer discharge hose quick connects to the foam arm for CIP cleaning or the hand-held wand for manual foaming
- Fully-adjustable foam arm accommodates many conveyor belt positions — horizontal, vertical, angled, etc.
- Unique Spreader Nozzle™ projects a wide foam pattern
  - 12" overhead distance = 30" wide coverage
  - 24" overhead distance = 48" wide coverage
- Spreader Nozzles™ can also be rotated 360° to project foam at any angle for wider coverage or to foam hard-to-reach locations
- Foam arm can be permanently or temporarily mounted
- Manual foam wand fan nozzle covers up to 500 sq ft (46.5 sq m) in 2 minutes (up to 12' range)
- Foaming expands the chemical and discourages over-application by providing visual assurance of coverage
- Rich, clinging foam increases chemical contact time and effectiveness
- Adjustable foam consistency (wet/dry)
- Water and air pressure gauges eliminate guessing to reduce set-up time and help with troubleshooting
- Machined stainless steel and polypropylene components ensure durability and years of outstanding performance
- Industrial-strength design holds up in tough environments
- Available with lower flow rate for slower and/or narrower belts (#975910)
- Lafferty also manufactures portable Conveyor-Mate™ systems (#975932)
- See other Lafferty city water pressure foamers in Catalog 1

Includes

- LC Foamer
- 40' discharge hose with stainless steel ball valve and quick disconnect socket
- Quick disconnect stainless steel foam arm with Spreader Nozzle™
- Quick disconnect manual foam wand with fan nozzle

REQUIREMENTS

Chemical Concentrate	
Water	
Temperature	up to 160°F
Pressure	35 to 125 PSI
Flow	1.34 GPM @ 40 PSI
Supply Line	1/2"
Compressed Air	up to 3 CFM
Hose	3/4" ID x 40'
Nozzle	50250 or 200 Spreader
Dilution Ratio Range	306:1 to 6:1 @ 40 PSI

APPLICATIONS

- Food & Beverage
- Agriculture/Horticulture
- Dairy
- Industrial
- Paper Mill
- Pharm/Bio
- Any Conveyor Belt Cleaning

OPTIONS

Stainless Steel Hose Racks	
Large Stainless Steel Hose Rack	# 224150
Stainless Steel Jug Racks	
1 Gallon Round/Square	# 224200
1 Gallon Round/Square Locking	# 224200-L
2 ½ Gallon (8 ½" x 10 ½")	# 224210
5 Gallon Round/Square Locking (12" x 12")	# 224214
5 Gallon Round/Square (12" x 12")	# 224215
Alternate Check Valves - EPDM Standard	
Check Valve, Chemical, PP/Viton, 1/4"	# 491315
Check Valve, Air, SS/Viton, 1/4"	# 491306
Stainless Steel Wand (Upgrade)	
Convert PP Wand to SS (New Units)	# 536603-X

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