

# Conveyor-Mate™ LV Foam System

MODEL # 975920

## OVERVIEW

The Conveyor-Mate™ LV Foam System is specialized for Clean-In-Place foaming on to conveyor belts up to 32" wide and can also 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 LV Foamer is a venturi dilution system that uses city water pressure (35 - 125 PSI) to accurately draw and 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

- LV 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
  - 6" overhead distance = 12" wide coverage
  - 12" overhead distance = 20" wide coverage
  - 24" overhead distance = 32" wide coverage
- Spreader Nozzles™ can also be rotated 360° to project foam at any angle for best coverage
- Foam arm can be permanently or temporarily mounted
- Low Volume output reduces water and chemical waste
- Manual foam wand fan nozzle covers up to 500 sq ft (46.5 sq m) in 4.5 minutes (up to 9' range)
- Foam expands the chemical, increases chemical contact time and effectiveness, and provides visual assurance of coverage that discourages over-application
- 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 higher flow rate for faster and/or wider belts (#975930)
- Lafferty also manufactures portable Conveyor-Mate™ systems (#975922)
- See other Lafferty city water pressure foamers in [Catalog 1](#)

## Includes

- LV 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

## 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



## REQUIREMENTS

### Chemical Concentrate

#### Water

Temperature up to 160°F  
 Pressure 35 to 125 PSI  
 Flow 0.65 GPM @ 40 PSI  
 Supply Line 1/2"

#### Compressed Air

up to 1.25 CFM

#### Hose

3/4" ID x 40'

#### Nozzle

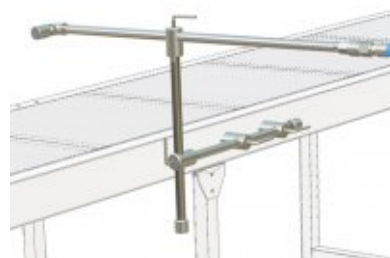
80150 or 100 Spreader

#### Dilution Ratio Range

149:1 to 5:1 @ 40 PSI

## APPLICATIONS

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



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