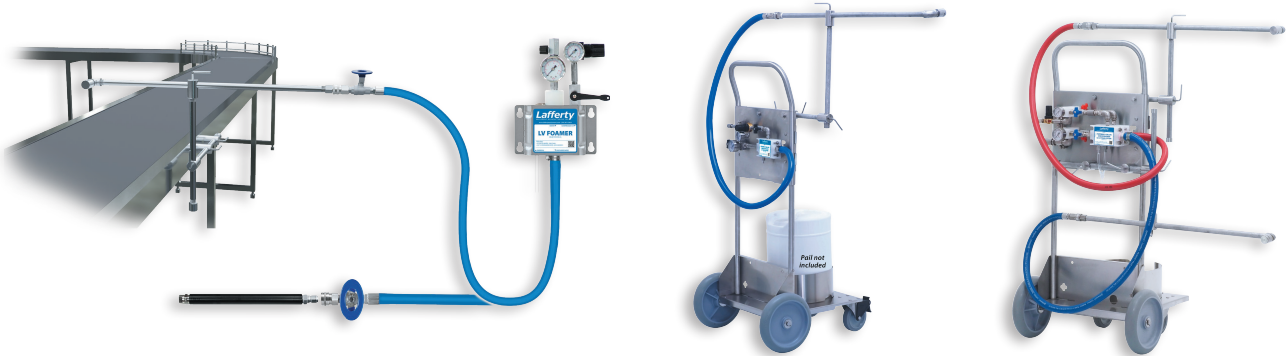


# Lafferty Conveyor-Mates™

are versatile, conveyor cleaning applicators that are proven to save time and labor. These water-driven venturi systems accurately dilute chemical concentrates to required ratios at the time of use to clean/sanitize conveyor belt surfaces.



## Choice of Five Applicator Types

Conveyor-Mates are offered with a choice of five applicator types to match precise application requirements.

- 315 Sanitizer – Produces sanitizing spray at a flow rate suitable for no-rinse solutions onto belts up to 48" wide
- Micro Foamer – Produces ultra-low volume, air assisted foam in a narrow fan pattern with a maximum width of 11".
- LV Foamer – Produces low volume, air assisted foam for cleaning/sanitizing belts up to 32" wide
- LC Foamer – Produces moderate volume, air assisted foam for cleaning/sanitizing belts up to 48" wide
- HV Foamer – Produces high volume, air assisted foam for cleaning/sanitizing surfaces from 4' to 10' wide

## Unique Features for Unmatched Adaptability

Conveyor-Mates™ feature adjustable-geometry stainless steel arms and the Lafferty-designed Spreader Nozzles™ that rotate 360° to provide for precise placement and angling of nozzles for optimum results. (Micro Foamer models feature narrow-pattern fan nozzles. HV Foamer models feature a 27" foam bar with Spreader Nozzles™.)

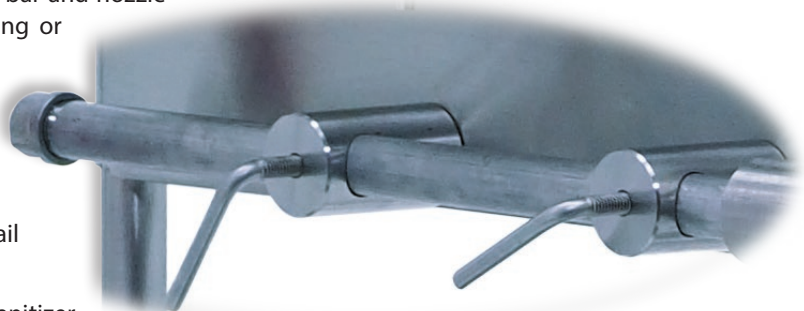


## Two Model Styles

**Mount-in-Place** – The stainless steel spray/foam arm or bar and nozzle assembly can be mounted to the conveyor belt housing or nearby surface and connected to the included sanitizer or foamer mounted nearby. Also includes a quick connect manual spray/foam wand with fan nozzle. (Models # 975910; 975920; 975930; 975940)

**Portable** – Mounted on a stainless steel cart with non-marking wheels, front, swivel casters, and a 5-gallon pail rack

- **One-Arm Portable systems** include one foamer or sanitizer body and a stainless steel spray/foam arm and nozzle assembly. (Model # 975911; 975921; 975931)
- **Two-Arm Portable systems** feature two foam/spray arm and nozzle assemblies and two foamer/sanitizer bodies to match that operate independently for one-side-only or two-side application on conveyors. (Models # 975912; 975915; 975922; 975932)



Mounting brackets secure the spray/foam arm and nozzle assembly to the portable cart or flat surfaces for mounting in place. L-bolts with the brackets allow the arms to be extended precisely as the user desires.

Complete details on next three pages (Catalog 1, pages 24-26)

# Conveyor-Mate™

## Features and Specifications

- Industrial-strength design includes machined stainless steel and polypropylene components that ensure durability and years of outstanding performance in the toughest environments.
- Fully-adjustable foam/spray arms accommodate many conveyor belt positions — horizontal, vertical, angled, side-by-side, etc.
- Choice of one-arm, two-arm and foam bar systems to match application requirements. (Two-arm systems available only as portable models.)
- Arms can run independently or simultaneously to clean/sanitize one or both sides of a conveyor belt
- Nozzles can be rotated 360° to project foam/spray at any angle for precision targeting of coverage
- Unique Spreader Nozzles™ (most models) project a wide fan pattern — up to 48" wide — with coverage width adjustable based on angle and distance to the belt surface. (See *Quick Comparison Guide*, next page.)
- The Micro Foam model (975915) nozzles project a narrow fan pattern to cover a maximum width of 11 inches.
- The HV Foam model (975940) with foam bar provides coverage from 4' to 10' wide when mounted 36" above the belt surface.
- Chemical dilution is controlled by precision metering tips
- Dilution ratio for each foam/spray arm is set independently
- Pressure gauges eliminate guessing, reduce set-up time and help with troubleshooting (water gauge for sanitizers; water and air gauges for foamers)

### REQUIREMENTS / SPECIFICATIONS\*

\*for each foam/spray arm

#### Compressed Air

Micro (foamer) up to	<b>0.75 cfm</b>	<b>21.2 lpm</b>
LV (foamer) up to	<b>1.25 cfm</b>	<b>35.4 lpm</b>
LC (foamer) up to	<b>3.00 cfm</b>	<b>85.0 lpm</b>

#### Water Pressure

	<b>35 - 125 PSI</b>	<b>2.4 - 8.6 bar</b>
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#### Water Flow Rate

	<b>@ 40 PSI</b>	<b>@ 2.8 bar</b>
Micro (foam)	0.35 gpm	1.3 lpm
LV (foam)	0.65 gpm	2.5 lpm
LC (foam)	1.34 gpm	5.1 lpm
315 Sanitizer	4.00 gpm	15.1 lpm

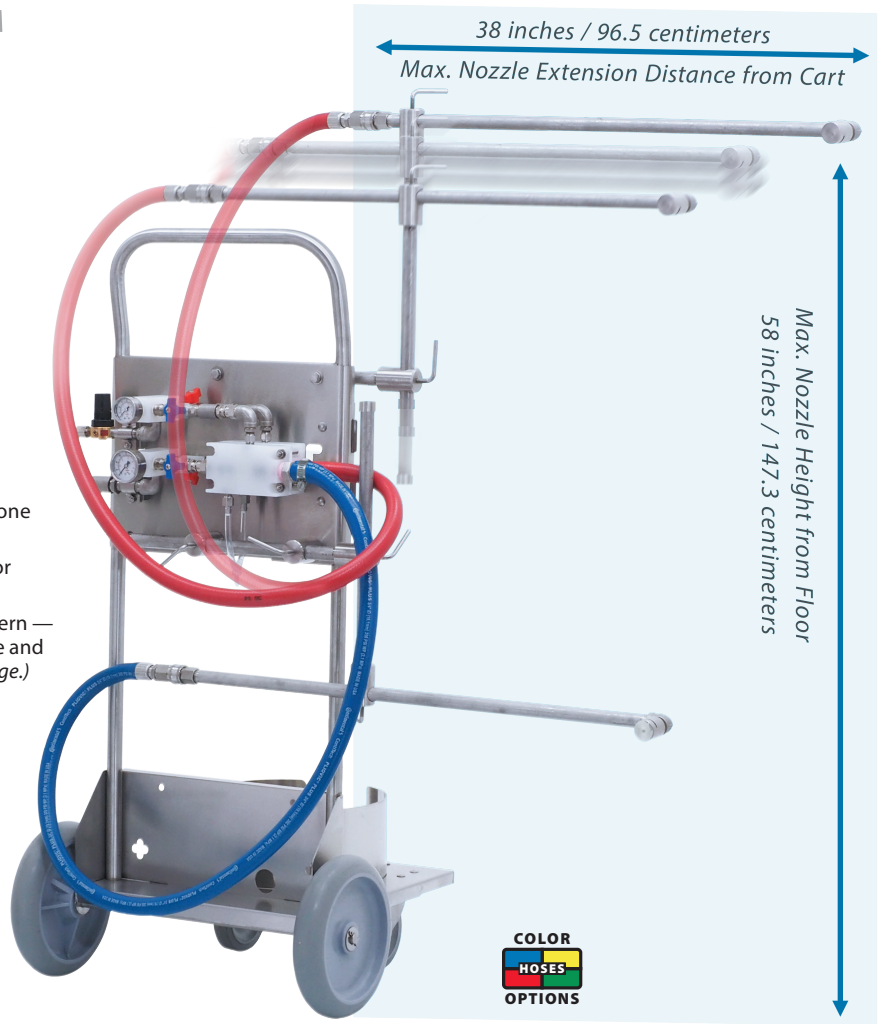
#### Discharge Hoses (1 for each foam/spray arm)

ID	Micro (foam)	1/2 inch	12.7 mm
	LV and LC (foam)	3/4 inch	19.1 mm
	315 Sanitizer	1/2 inch	12.7 mm
Length		5 ft.	1.5 m

### SELECTION HINT:

## HOW WIDE IS YOUR CONVEYOR BELT?

Conveyor-Mate™	Max. Coverage Width
Micro Foamer	11"
LV Foamer	32"
LC Foamer	48"
315 Sanitizer	48"+
HV Foamer	4' to 10'



▲ Two arm Conveyor-Mate™ System (available as foam or spray sanitizer applicator)



**Mount-in-Place, one arm Conveyor-Mate™ System** (available as foam or spray sanitizer applicator) – These systems include a hose-end ball valve with quick disconnect socket to allow connecting the hose to a foam or spray wand for manual cleaning/sanitizing.



## CONVEYOR-MATE™ FOAMERS

REQUIRES: 35-125 PSI WATER, CHEMICAL CONCENTRATE, COMPRESSED AIR

- Foamer models project rich, clinging foam, which increases chemical contact time and effectiveness
- Foaming expands the chemical and provides visual assurance of coverage that discourages over-application
- Adjustable foam consistency (wet/dry)
- Low Volume output reduces water and chemical waste
- LV and LC models include Spreader Nozzles™ for wide coverage
- Micro Foam model 975915 includes 6540 fan nozzles for more narrow, precision coverage



Micro Foam Conveyor-Mate™ nozzle assembly ▶

Model #	Description
<b>Portable Two Arm Systems</b>	
975915	Portable 5 Gallon Conveyor-Mate™ Micro / Micro Foam System
975922	Portable 5 Gallon Conveyor-Mate™ LV/LV Foam System
975932	Portable 5 Gallon Conveyor-Mate™ LC/LC Foam System
<b>Portable One Arm Systems</b>	
975921	Portable 5 Gallon Conveyor-Mate™ LV Foam System
975931	Portable 5 Gallon Conveyor-Mate™ LC Foam System
<b>Mount-In-Place One Arm Systems</b>	
975920	Conveyor-Mate™ LV Foam System
975930	Conveyor-Mate™ LC Foam System

### Conveyor-Mate™ Systems Include:

- Easy-to-read pressure gauges (except #975910)
  - Incoming water gauge
  - Air gauge (foamers only)
- Foam/spray arms with quick connects, stainless steel extenders, and stainless steel nozzles:
  - Spreader Nozzles™ (except Micro Foamer #975915)
  - 6540 fan nozzles (#975915 only)
- Machined polypropylene foamer/sanitizer body (1 per arm)
- 5' hose – clamps to foamer body; quick connects to arm (1 per arm)
  - Blue hose with first arm and one arm systems
  - Red hose with second arm

- Color-coded ball valve handles match hose colors on two arm systems (black handles for one arm systems)
- 20 color-coded metering tips for setting dilution ratios (1 set per arm)

### Portable Carts Include:

- All stainless steel 4-wheel cart
- 5 gallon round jug rack (optional square rack)
- Non-marking tires
- Rear stainless steel axel
- Front stainless steel swivel casters with brakes

### Mount-In-Place Models Include:

- Quick connect manual applicator wand with fan nozzle

## CONVEYOR-MATE™ SANITIZERS

REQUIRES: 35-125 PSI WATER, CHEMICAL CONCENTRATE

- 315 Sanitizer accurately dilutes concentrated sanitizers using precision metering tips, and can achieve the lean ratios required for no-rinse applications in food plants
- Projects an adjustable, wide spray pattern.



◀ One arm Conveyor-Mate™ System

Model #	Description
<b>Portable Two Arm System</b>	
975912	Portable 5 Gallon Conveyor-Mate™ 315 / 315 Sanitizer System
<b>Portable One Arm System</b>	
975911	Portable 5 Gallon Conveyor-Mate™ 315 Sanitizer System
<b>Mount-In-Place One Arm System</b>	
975910	Conveyor-Mate™ 315 Sanitizer System

### Conveyor-Mate™ Quick Comparison Guide

TYPE	Water Flow	Compressed Air	Max. Coverage Width
Micro Foamer	0.35 GPM @ 50 PSI	up to 0.75 CFM	11"
LV Foamer	0.65 GPM @ 40 PSI	up to 1.25 CFM	32"
LC Foamer	1.34 GPM @ 40 PSI	up to 3.00 CFM	48"
315 Sanitizer	4.00 GPM @ 40 PSI	N/A	48"+
HV Foamer	4.00 GPM @ 40 PSI	up to 5.00 CFM	4' to 10'

Conveyor-Mate™ HV Foam System with foam bar (next page) ▶



## CONVEYOR-MATE™ HV FOAM SYSTEM

REQUIRES: 35-125 PSI WATER, COMPRESSED AIR

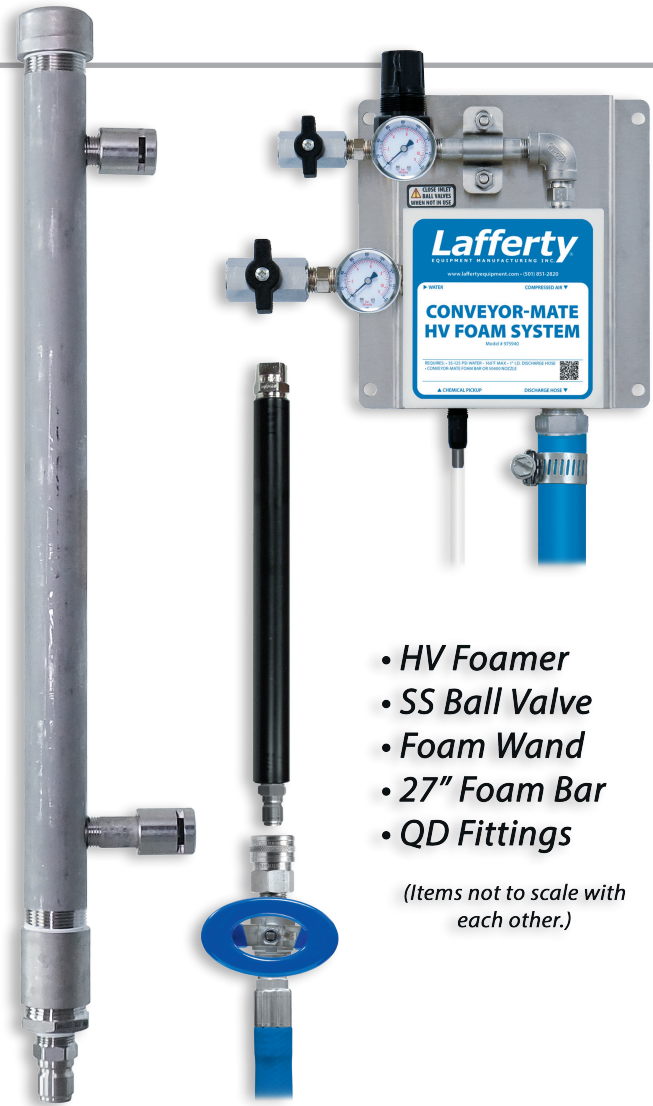
- The Conveyor-Mate™ HV Foam System is specialized for Clean-In-Place foaming on to conveyor belts up to 120" wide and can also be used as a manual foamer.
- HV Foamer accurately dilutes chemical concentrate on demand using precision metering tips
- Accommodates many conveyor belt positions — horizontal, vertical, angled, side-by-side, etc.
- The stainless steel foam bar features two Spreader Nozzles™ that can be rotated to focus coverage over a narrower area or maximize coverage.
- Coverage width adjustable from 4' to 10' at 3 ft. distance.
- Foamer discharge hose quick connects to the foam bar for CIP cleaning or the hand-held wand for manual foaming
- For manual foaming, HV Foamers provide high volume output for foaming large surface areas with a usable foam throw distance of up to 15 feet and covering up to 500 ft.<sup>2</sup> (46.5 m<sup>2</sup>) in 1 minute with fan pattern nozzle.
- Zero degree nozzle for up to 25' range
- Adjustable foam consistency (wet/dry)

### REQUIREMENTS / SPECIFICATIONS

<b>Compressed Air</b>	<b>up to 5 cfm</b>	<b>up to 142 lpm</b>
<b>Water Pressure</b>	<b>35 - 125 PSI</b>	<b>2.4 - 8.6 bar</b>
<b>Water Flow Rate</b>	<b>@ 40 PSI</b>	<b>@ 2.8 bar</b>
HV Foamer	4.0 gpm	15.1 lpm
<b>Discharge Hose</b>		
ID		
Foam	1 in.	25.4 mm
Length	50 ft.	15.2 m

### Includes

- Machined polypropylene HV foamer body
- Stainless steel mounting bracket for foamer
- Stainless steel ball valves
- 50' discharge hose with stainless steel ball valve and quick disconnect socket
- Quick disconnect stainless steel foam bar with Spreader Nozzles™
- Quick disconnect foam wand with fan and zero degree nozzles
- Color-coded metering tips (20)
- Metering tip driver



- HV Foamer
- SS Ball Valve
- Foam Wand
- 27" Foam Bar
- QD Fittings

*(Items not to scale with each other.)*

Model #	Description
975940	Conveyor-Mate HV Foam System

