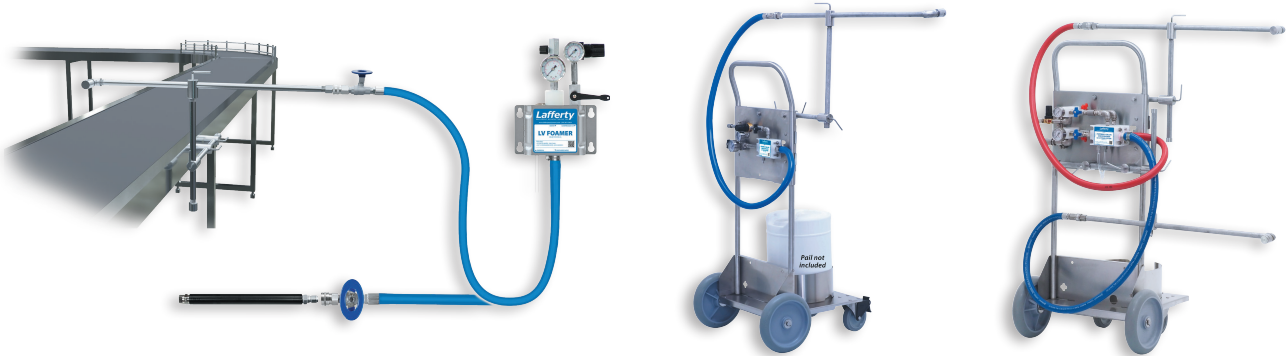


# Lafferty Conveyor-Mates™

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

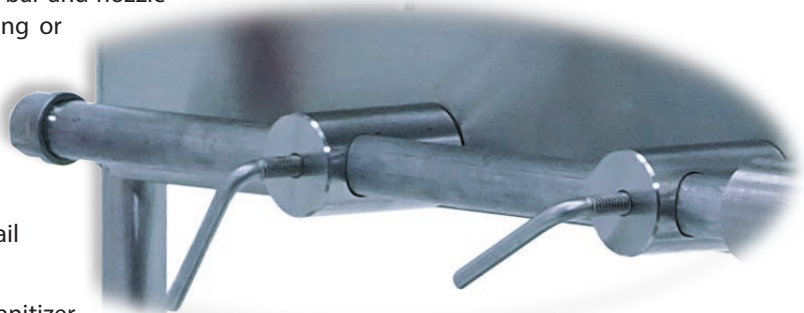
Conveyor-Mates™ feature adjustable-geometry stainless steel arms and the Lafferty-designed Spreader Nozzles™ that rotate 360° to provide for precise placement and angling of nozzles for optimum results. (Micro Foamer models feature narrow-pattern fan nozzles. HV Foamer models feature a 27" foam bar with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

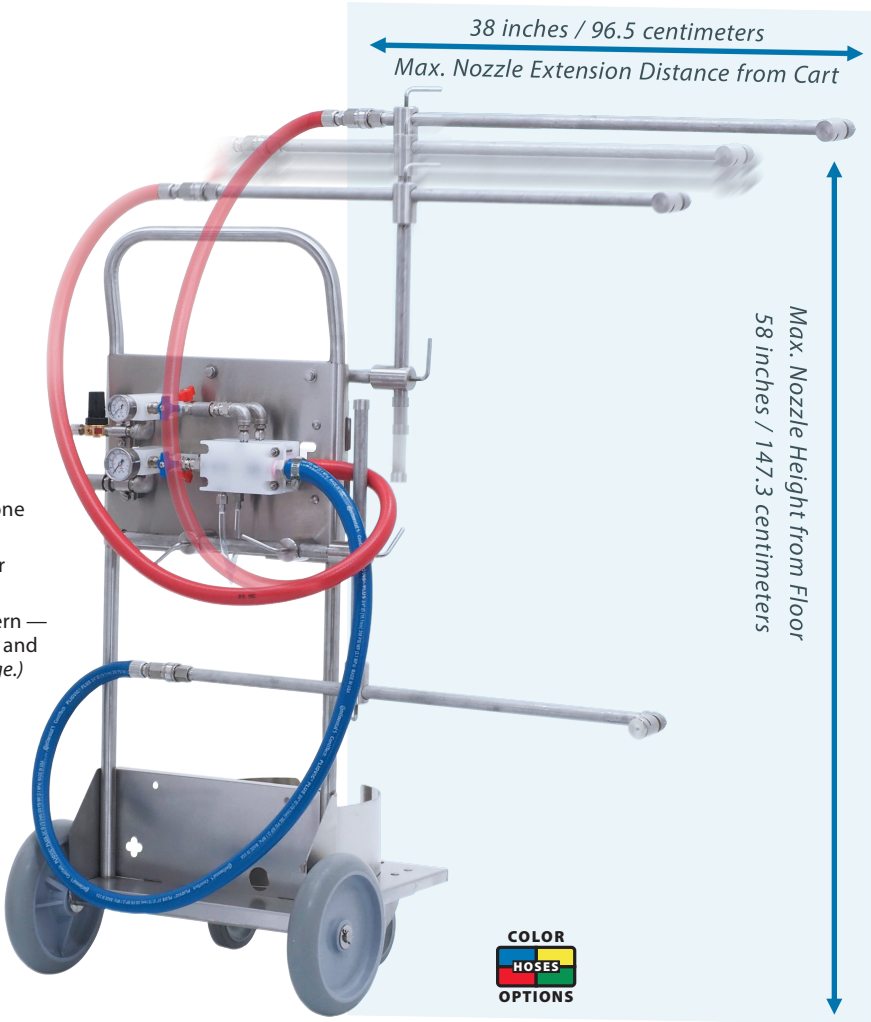
\*for each foam/spray arm

Compressed Air

Micro (foamer) up to	0.75 cfm	21.2 lpm
LV (foamer) up to	1.25 cfm	35.4 lpm
LC (foamer) up to	3.00 cfm	85.0 lpm
Water Pressure	35 - 125 PSI	2.4 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
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



▲ 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.

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'



## 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

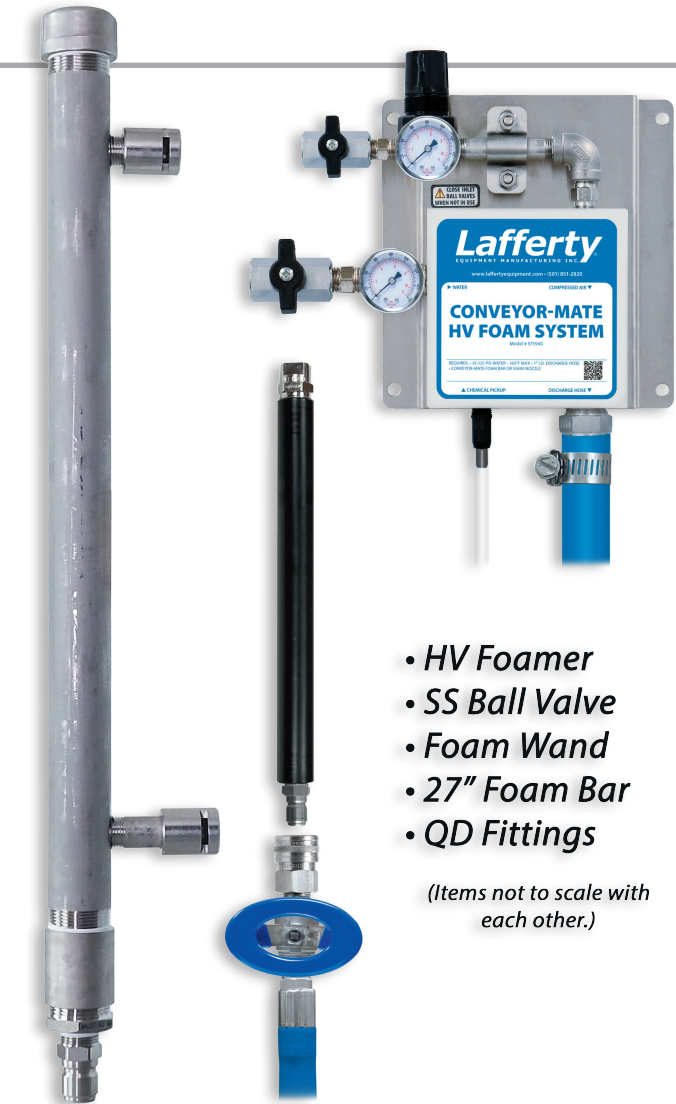
- The Conveyor-Mate™ HV Foam System is specialized for Clean-In-Place foaming on to conveyor belts up to 120" wide and can also be used as a manual foamer.
- HV Foamer accurately dilutes chemical concentrate on demand using precision metering tips
- Accommodates many conveyor belt positions — horizontal, 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

Compressed Air	up to 5 cfm	up to 142 lpm
Water Pressure	35 - 125 PSI	2.4 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
HV Foamer	4.0 gpm	15.1 lpm
Discharge Hose		
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