Portable 5 Gallon Conveyor-Mate™ LV / LV Foam System

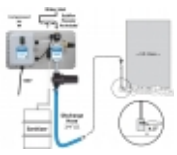
MODEL # 975922











OVERVIEW

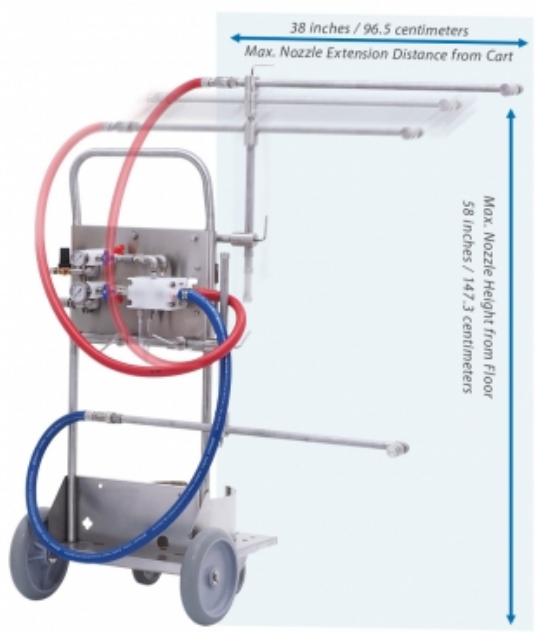
The LV/LV Conveyor-Mate™ is a portable foaming system designed specifically for Clean-In-Place foaming on to conveyor belts up to 32" wide. This venturi dilution system uses city water pressure (35 - 125 PSI) to accurately draw and blend chemical concentrate into the water stream. Compressed air is added to create rich clinging foam. Dual foamer bodies operate independently for one side only or simultaneously for the top and underside. Fully adjustable foam arms extend vertically and horizontally to virtually any position. The unique stainless steel Spreader Nozzles™ create a wide foam pattern that can be adjusted and rotated to ensure optimal coverage at any angle.

Key Features

- Fully-adjustable foam arms accommodate many conveyor belt positions — horizontal, vertical, angled, side-by-side, etc.
- Unique Spreader Nozzles™ project a wide foam pattern
  - 6" overhead distance = 12" wide coverage
  - 12" overhead distance = 20" wide coverage
  - 24" overhead distance = 32" wide coverage
- Each Spreader Nozzle™ can also be rotated 360° to project foam at any angle for wider coverage or to foam hard-to-reach locations
- Foam arms can run independently or simultaneously to foam one or both sides of a conveyor belt
- Projects rich, clinging foam which increases chemical contact time and effectiveness
- Foaming expands the chemical and discourages over-application by providing visual assurance of coverage
- Adjustable foam consistency (wet/dry)
- Low Volume output reduces water and chemical waste
- Dilution ratio for each foam arm is set independently with precision metering tips
- 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
- Lafferty also manufactures fixed-location foam bars for situations where portability is not required
- See other Lafferty city water pressure foamers in Catalog 1

Includes

- All stainless steel 4-wheel cart with 5 gallon jug rack
- Non-marking tires with locking stainless steel swivel casters
- Easy-to-read pressure gauges for incoming water and air
- (2) Machined polypropylene foamer bodies
- (2) 20 color-coded metering tips for setting dilution ratios
- (2) 5' hoses to connect foamer bodies to foam arms
- (2) Stainless steel extension arms with Spreader Nozzles™
- Color-coded ball valves and hoses for each foam arm



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
Nozzle	100 Spreader
Hose	3/4" ID x 5'

Requirements shown are per foam bar

Dilution Ratio Range	149:1 to 5:1 @ 40 PSI

OPTIONS

Square Jug Rack Conversion

Specify Round or Square Jug Racks at time of order

Alternate Check Valves - EPDM Standard

Check Valve, Chemical, SS, Viton, 1/4"	# 491324-V
Check Valve, Air, SS, 1/4" MM (Viton / Hast)	# 491306

APPLICATIONS

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

Lafferty EQUIPMENT MANUFACTURING LLC
CFS TECHNOLOGIES
1.501.851.2820 | 1.800.999.2820
www.laffertyequipment.com