

# DART™ AP-MM Asphalt Release Spray System

MODEL # 977801

## OVERVIEW

The DART™ AP-MM Spray System is a push button activated, time delayed, asphalt release applicator that mounts to a user-supplied drive-through arch for spraying asphalt truck beds. This system uses a rugged Sandpiper air-operated, double-diaphragm pump to draw chemical concentrate and water from separate static tanks and blend them "on-the-fly" to create an accurately diluted solution. The driver pushes the button to activate the system; a delay timer allows the driver to position the truck under the nozzle before spraying begins and a run timer prevents overuse of the release agent.

## Key Features

- Designed to spray asphalt release chemicals on to truck beds from a nozzle that attaches to an existing drive-through spray bar
- The rugged Sandpiper AODD pump draws chemical concentrate and water from separate static tanks and blends them "on-the-fly"
- The push button activated, adjustable, single-shot timer will delay for up to 60 seconds, allowing the driver to get in position, and then apply chemical for up to 60 seconds before shutting off
- The driver remains in his cab and avoids the risk of slip-and-fall injury and chemical waste
- Evenly coats the truck bed in just seconds, reducing run-off and chemical waste
- A float valve assembly attaches to, and automatically refills, a user-supplied static water tank
- Achieves a range of dilution ratios using a metering manifold to control chemical and water flow
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Available as a foam applicator (#977901)
- See other Lafferty asphalt release equipment and industrial chemical applicators in [Catalog 8](#)

## Includes

- Lockable, stainless steel pump enclosure
- 1/2" Sandpiper AODD Pump (Santoprene diaphragms)
- Machined polypropylene metering manifold
- Control box with delay/run timers & remote push button
- Water tank float valve assembly
- 40' discharge hose with custom fan spray nozzle

## OPTIONS

### Heater Assembly

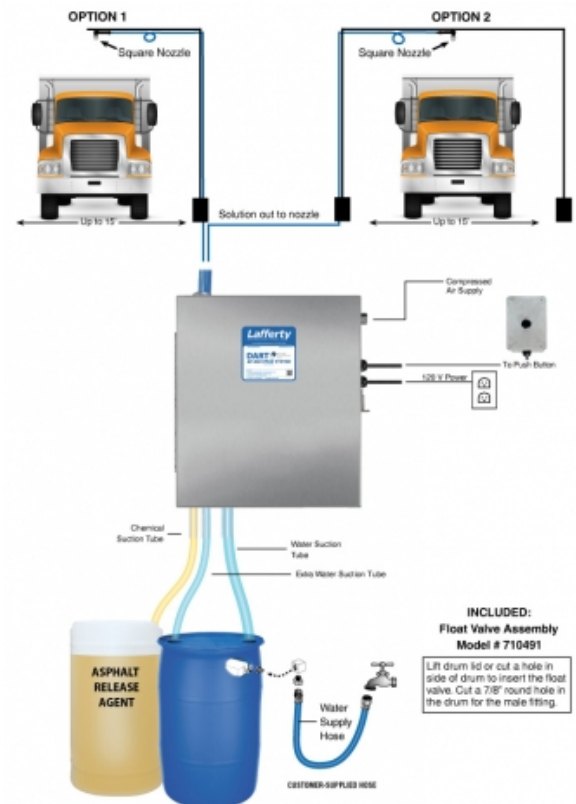
Retro-Fit Heater Assembly # 720981

### Drum & Tote Stick Lengths & Seal Materials

|                                 |                     |
|---------------------------------|---------------------|
| Drum Stick, 33" (Viton or EPDM) | # 491643 / 491643-E |
| Drum Stick, 48" (Viton or EPDM) | # 491648 / 491648-E |
| Drum Stick, 54" (Viton or EPDM) | # 491645 / 491645-E |
| Tote Stick, 33" (Viton or EPDM) | # 491653 / 491653-E |
| Tote Stick, 48" (Viton or EPDM) | # 491654 / 491654-E |
| Tote Stick, 54" (Viton or EPDM) | # 491656 / 491656-E |



**Asphalt Release Spray Nozzle Assembly**  
Provides a coarse, wide fan spray pattern for quick, complete coverage.



**DART™** DRIVE THRU ASPHALT RELEASE, TIMED

## REQUIREMENTS

Chemical Concentrate  
Static Tank of Water

Compressed Air up to 10 CFM

Minimum Air Supply Line 3/8"

Hose 3/4" ID x 40'

Nozzle #180193SS

Electric 120V

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1.501.851.2820 | 1.800.999.2820  
www.laffertyequipment.com