

Lafferty RADAR Systems™



RAPID DRIVE THRU ASPHALT RELEASE

Spray or Foam

Electric eye controlled Lafferty RADAR Systems automatically apply a complete, even coating of asphalt release agent to truck beds.

Lafferty RADAR™ Systems Keep the Job Moving



Benefits

Rapid — Saves time

- Specially designed overhead foam or spray nozzle assemblies coat the truck bed in just seconds —much quicker than application by hand.
- Electric eye starts and resets system automatically

Efficient — Saves money

- Unique Lafferty Metering Manifold™ adjusts for virtually any chemical-water dilution ratio.
- Complete coverage prevents asphalt from sticking and the need for scraping the truck bed.
- Even application reduces runoff.
- Works with low or fluctuating water pressure.

Safe

- Drivers stay in the trucks without risk of injury.
- Automatically stops and resets after each truck.
- Safety override timer stops system if truck stays too long —prevents wasteful over application and protects the environment.
- Stainless steel, lockable enclosure prevents unauthorized changes to settings.



Operation

The Lafferty RADAR System draws water and an asphalt release agent from holding tanks through a unique, Lafferty Metering Manifold that adjusts for virtually unlimited dilution ratios.



Spray or Foam

Spray systems produce a uniform spray pattern that provides complete, even coverage and reduces runoff.

Foam systems create a rich foam that clings to truck beds, which keeps the release agent in place longer and reduces runoff. Foam provides easy, visual confirmation of coverage.

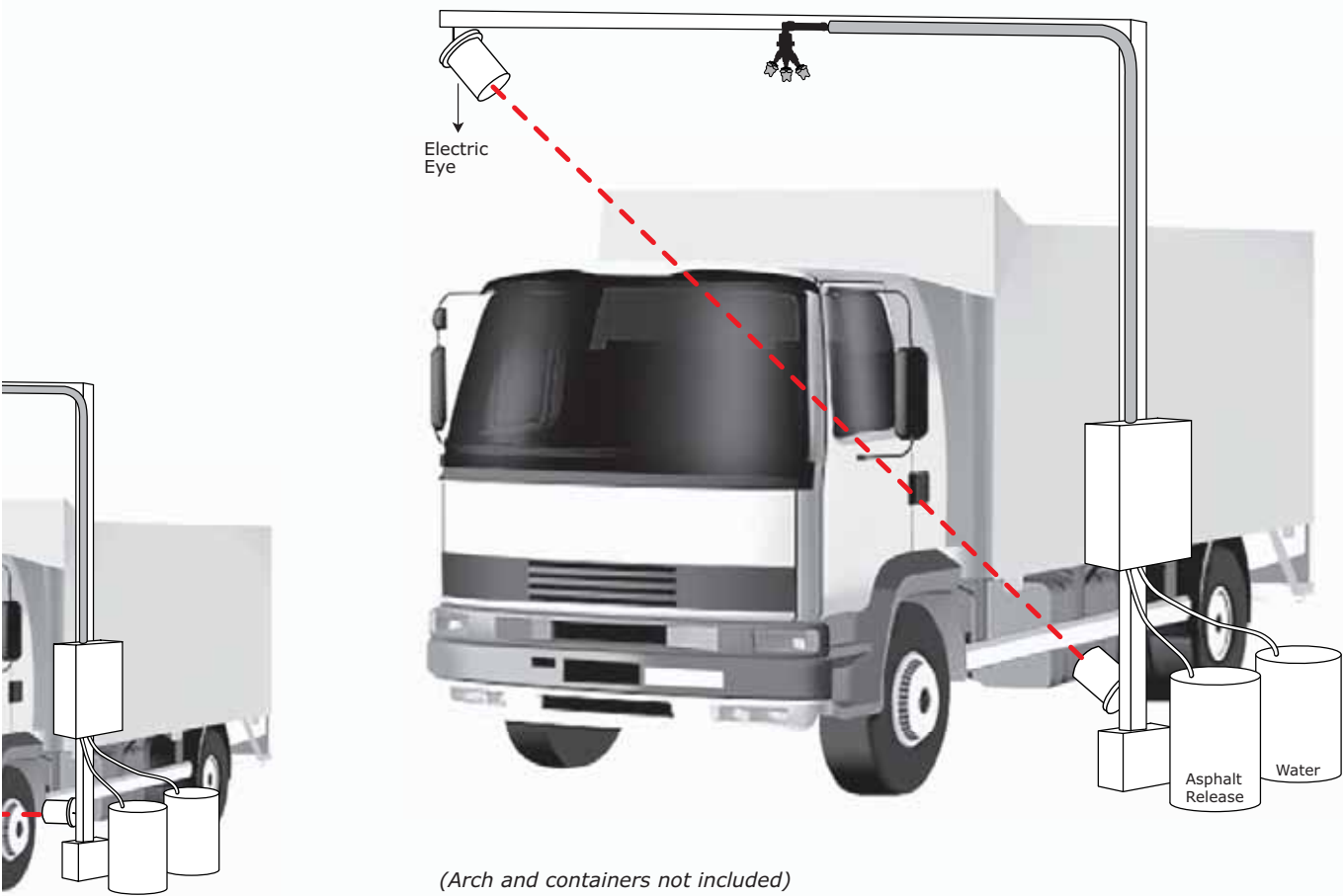
Spray Nozzle Assembly



Foam Bar Assembly



Asphalt paving projects rely on hot mix transport trucks to keep on schedule so the job stays on track. The automatic drive thru and safety features of Lafferty RADAR Systems make your work rapid and efficient when applying asphalt release agents to truck beds, saving valuable time and money.



Electric Eye Activation

The system activates when a truck breaks an infrared beam. A timer delays application so the truck bed can be positioned under the nozzles. When application begins, the driver moves the truck forward at a slow, even pace. When the truck exits, the system automatically stops and resets. A safety override timer stops application if the truck stays too long.

Adjustable Timer Settings

All timers – **start delay and safety override** – can be adjusted individually on site, but are protected in a control box to prevent unauthorized changes.

Lafferty RADAR Systems™ (Rapid Drive thru Asphalt Release)

Models

- Lafferty RADAR Spray GPS-MM System #977841
- Lafferty RADAR Foam GPS-MM System #977941
- Also available, models for pre-diluted/ready-to-use agents.

Features

- Stainless steel, lockable enclosure (24" x 20" x 8½")



- Control box with delay and override timers
- Electric eyes (sending & receiving units)
- Air operated polypropylene pump
- Lafferty Metering Manifold™



- Spray nozzle assembly or Foam bar assembly



- Float valve assembly (for water)

Requirements

- Clean, dry compressed air up to 12 SCFM
- 110 V grounded A.C. Outlet (GFI recommended)
- Water tank/drum

Related Lafferty Asphalt Release Products

• Lafferty DART Systems

(*Drive thru Asphalt Release, Timed*)

Activated by a push button, application is controlled by an adjustable timer. Otherwise, includes same features as RADAR systems.

Lafferty DART Spray GPS-MM System...#977801

Ask about Lafferty's many other asphalt release systems for foam or spray, including...

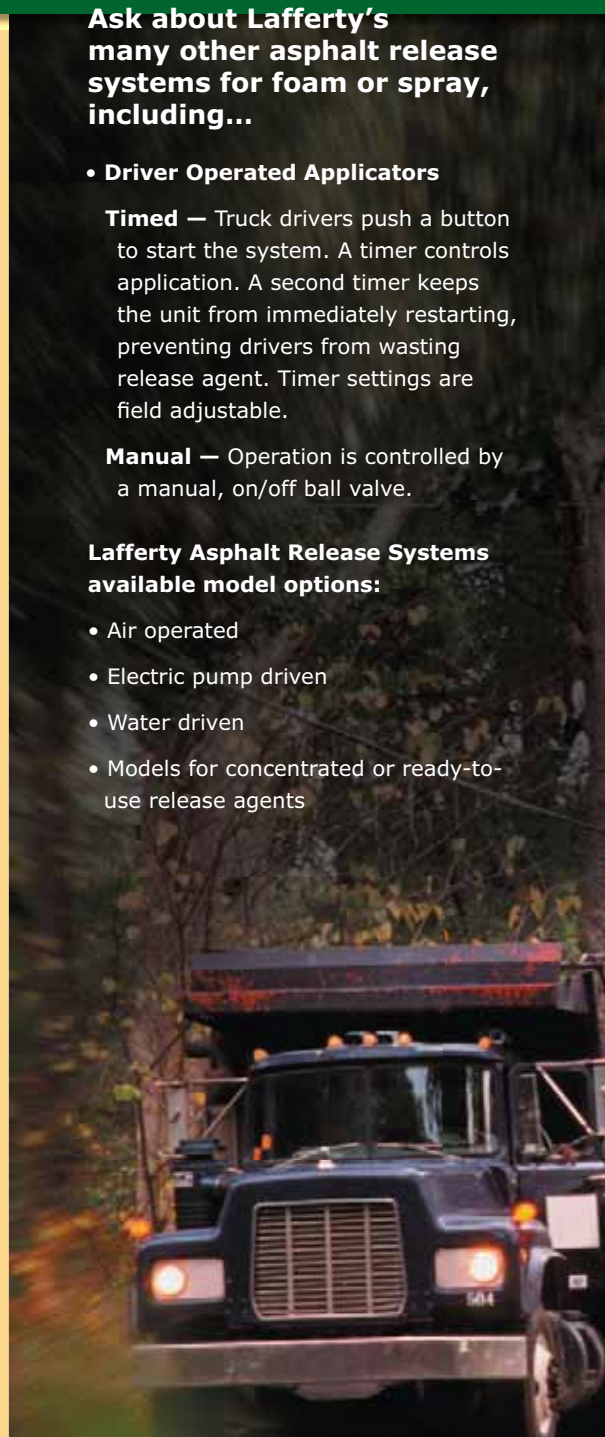
• Driver Operated Applicators

Timed — Truck drivers push a button to start the system. A timer controls application. A second timer keeps the unit from immediately restarting, preventing drivers from wasting release agent. Timer settings are field adjustable.

Manual — Operation is controlled by a manual, on/off ball valve.

Lafferty Asphalt Release Systems available model options:

- Air operated
- Electric pump driven
- Water driven
- Models for concentrated or ready-to-use release agents



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