



# PROTECTOR®X

## State-of-the-Art Trackside Friction Management System

**SECTOR**

Friction Management

**AVAILABLE**

Worldwide

L.B. Foster’s **PROTECTOR®X** system provides unsurpassed performance, reliability, and ease of maintenance in both gauge face and top of rail friction management applications.

### Key Design Features

- ✓ A steep-walled, conical product compartment ensures first-in, first-out product utilization and can provide up to 100% product utilization before cavitation.
- ✓ Our innovative control system uses proprietary compensation algorithms to ensure a consistent application rate regardless of changing operating conditions.
- ✓ Large electrical and product compartments make maintenance and filling quick and easy.
- ✓ Double-walled design meets EPA secondary containment requirements



### An optimized product compartment design

Available in the following sizes:

- ✓ 50 USG/400 lbs (190 L/180 kg)
- ✓ 100 USG/800 lbs (380 L/360 kg)
- ✓ 160 USG/1250 lbs (610 L/570 kg)

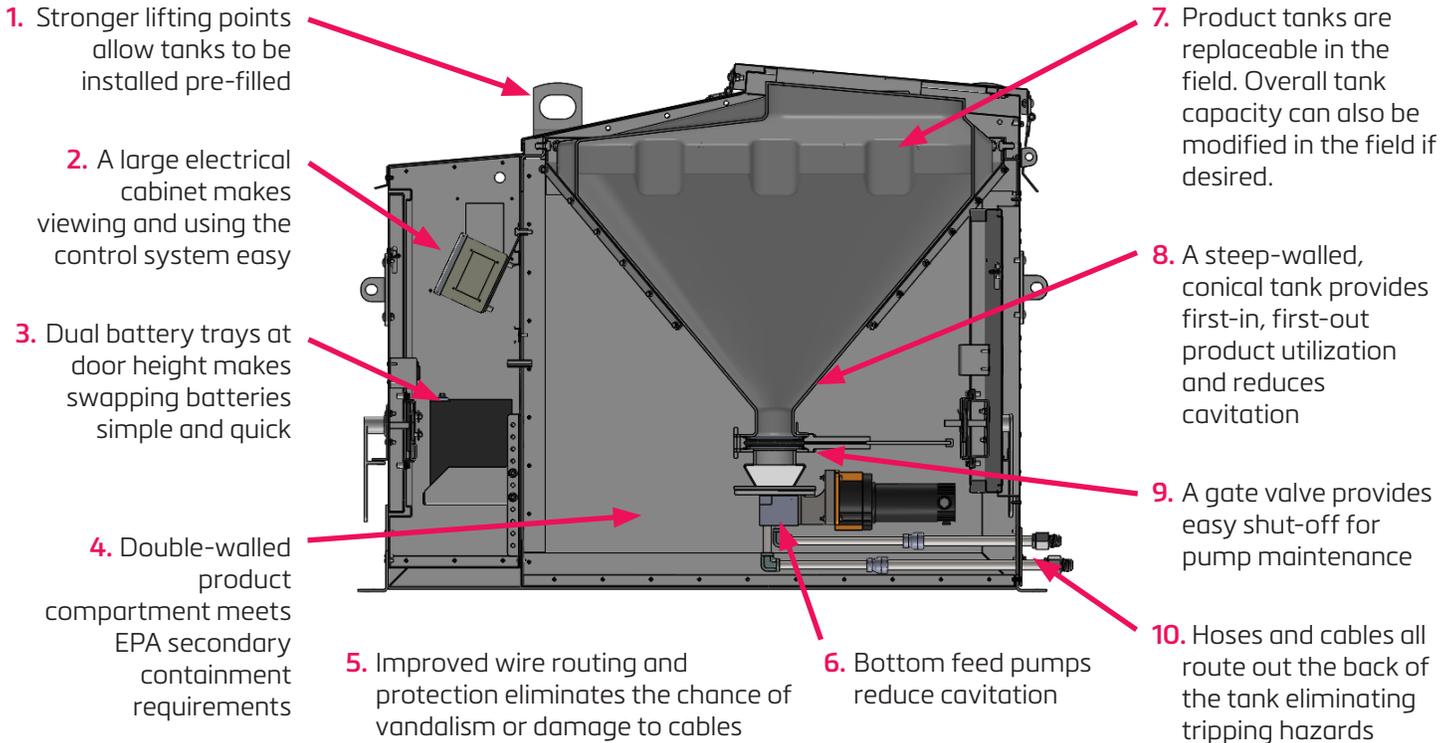


(Left) Under nominal operating conditions or when using low-viscosity products, the tank design provides close to 100% product utilization.

(Right) Even under cold operating conditions, high-viscosity products slide down the steep tank walls and settle at the pump inlet. New product is filled on top, forcing the old product through the pumps first.



## The new standard in trackside friction management systems



## Improve uptime with fewer resources and fewer track visits

The optional Remote Performance Monitoring (RPM) system developed by L.B. Foster allows users to monitor the status of their trackside systems remotely.

The RPM system allows equipment owners to maximize the operating uptime of their units, optimize the use of their maintenance resources, and ensure the benefits of their friction management program are consistently and effectively achieved.

# LB Foster®

L.B. Foster's Friction Management products are backed by market-leading experience in wheel / rail interface issues. Our team of professionals can provide the service and technical expertise necessary to achieve the optimum performance of your equipment throughout its life cycle.

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