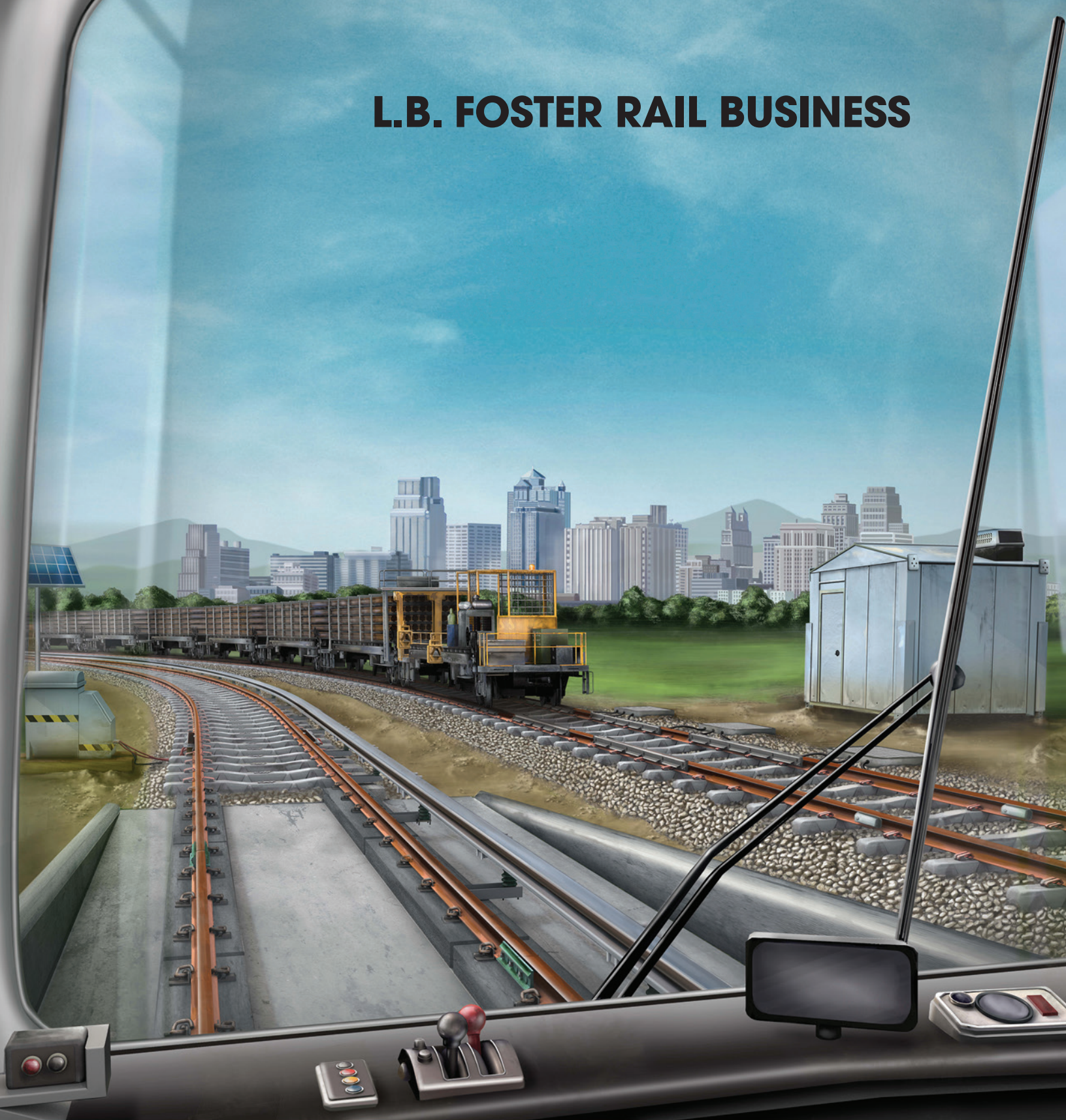


L.B. FOSTER RAIL BUSINESS



YOUR TOTAL TRACK MANAGEMENT COMPANY™

LBFoster®



SWITCH
AHEAD

L.B. FOSTER RAIL PRODUCTS

A NEW GENERATION OF INNOVATION

For more than a century L.B. Foster has provided the materials necessary to build and maintain the world's infrastructure. Today, we have begun a new generation of innovation as we expand to become a leading product innovator in mainline, transit, mining, port and industrial rail markets worldwide.

L.B. Foster is developing tomorrow's rail technology today. Our rail and track accessories provide the field-proven quality necessary to build a reliable railway infrastructure. Our new generation of comprehensive performance monitoring and maintenance technology further strengthens the rail system by improving track safety and operational efficiency. The innovative product development behind L.B. Foster's IntelliTrack® Technology addresses today's rail requirements and anticipates tomorrow's new system advancements.

Our company manufactures and distributes a wide range of railway products and services including new rail, used rail, insulated rail joints, rail lubrication systems, concrete ties, rail monitoring systems, transit products, trackwork materials and our professional rail project management services.

L.B. Foster manufacturing facilities are located in the United States, Canada and the United Kingdom. Our sales and product professionals are available worldwide.

**INSULATED RAIL
JOINTS
FRICTION
MANAGEMENT
TRACKWORK
NEW RAIL
SECTIONS
CONTINUOUS
WELDED RAIL
FASTENING
SYSTEMS
TRACK TURNOUTS
CAR REPAIR
EQUIPMENT
FRICTION
MODIFIERS
CONCRETE TIES
TRACK
MONITORING
TRACK
ACCESSORIES**

RAIL AND RAIL ACCESSORIES

L.B. Foster has a long proud history as a distributor of quality infrastructure products. Today, we are a leading, one-source supplier and manufacturer of railroad products for mainline, transit, mining, port and industrial rail systems worldwide. We strive to set ourselves apart from our competitors by providing a superior level of customer service and product quality.

Our experienced professional team can also provide the management services necessary to specify the most innovative rail materials for your project and deliver them to your jobsite on time. Wherever railways are working hard to improve our lives, L.B. Foster rail products are hard at work.



NEW AND RELAY RAIL

L.B. Foster is the market leader in the distribution of new rail throughout North America. We can supply new rail, relay rail (used), track maintenance parts and accessories. Sourced from several major U.S. mills, L.B. Foster provides rail sections from 12 LB to 175 LB, typically in lengths of 39 FT, 40 FT, 78 FT and 80 FT, depending on the rail section weight. We also offer continuous welded rail (CWR) delivered to the jobsite on our own trains and with unloading services.

INSULATED RAIL JOINTS

L.B. Foster's Allegheny Rail Products designs, manufactures and supplies insulated rail joints and associated products for domestic and international railway applications, including the polyencapsulated insulated TOUGHCOAT® joint and ENDURA-JOINT®, our ultra long life aramid insulated joint. L.B. Foster's ISO certified facilities in Pueblo, Colorado and Niles, Ohio also produce complete joint assemblies and TOUGHCOAT and bonded insulated joint kits that are designed for field installation.

TRANSIT PRODUCTS

Our Transit Products group provides heavy, commuter and light rail systems with direct fixation fasteners, contact rail, coverboards, concrete insets, end approaches, ballast mats and other related products. Engineering and product testing services are also available from the L.B. Foster advanced testing facilities in Suwanee, Georgia. This unique laboratory is designed specifically for the evaluation of transit and railroad industries products.

TRACK ACCESSORIES

L.B. Foster offers a full line of track components that includes rail anchors, track spikes, retractable rail anchors and other threaded track fasteners.





RAIL TECHNOLOGIES

L.B. Foster has developed a wide range of proprietary systems to control friction between the wheel/rail interface for freight and transit rail applications. Our friction management products and delivery systems provide substantial cost benefits by maximizing equipment performance and minimizing wear at the wheel/rail interface.

FRICTION MANAGEMENT

L.B. Foster friction management solutions decrease costs and improve performance by reducing, increasing or controlling friction at the wheel/rail interface. Our friction management products are available in liquid and solid stick forms.

L.B. Foster Friction Management Systems:

- Increase rail life
- Increase wheel life
- Improve fuel efficiency
- Reduce lateral forces
- Reduce short pitch corrugations
- Reduce noise

TRACKSIDE EQUIPMENT

L.B. Foster manufactures rail lubrication dispensing equipment for all rail applications. Our rugged rail lubrication, adhesion control, anti-icing and friction modification dispensing equipment is manufactured to withstand the ongoing rigors of trackside use.

ON-BOARD SOLUTIONS

We provide a wide range of on-board friction modification, in both liquid and solid stick form.

FIELD SERVICE

Our catalog of friction management products is supported by extensive field service skills in the measurement of noise, corrugation and wheel wear rates.

TOTAL FRICTION MANAGEMENT™

Total Friction Management™ (TFM) is the systematic assessment and implementation of friction control, combined with the technology to monitor, maintain and manage friction to achieve short- and long-term performance benefits. TFM maintenance, filling services and performance verification provides assurance that our friction management system is always working properly. L.B. Foster works closely with customers to deliver reports on short-term performance indicators, such as consumption, forces and coefficient of friction. Long-term, we monitor the benefits of our system on fuel consumption, wheel/rail wear, rolling contact fatigue and track structure.

PROTECTOR IV® Track Lubrication System

L.B. Foster's PROTECTOR IV® is a high-performance and easy-to-maintain track lubrication system. It applies a friction modifier to the top-of-rail or grease to the gauge face, providing field-proven benefits to rail networks. The PROTECTOR IV is an innovative system that is easy to install and consistently delivers precise, controllable and reliable application. Backed by the most knowledgeable service team in the industry, L.B. Foster has a solution that can be customized to fit your unique needs.

KELTRACK® Friction Modifier

KELTRACK® is a friction modifier applied to the top-of-rail. KELTRACK is engineered to control friction at the wheel tread and top-of-rail interface. The liquid is dispensed through the PROTECTOR IV® wayside system when activated by wheel sensors or an on-board AutoPilot. L.B. Foster offers different formulations to accommodate the specific requirements of freight and transit applications.

HPF Solid Stick On-Board Friction Modifier

Our HPF (High Positive Friction) Solid Stick is an on-board friction modifier designed to reduce corrugation and tread wear. It is applied directly to the wheel treads of the rail vehicle using a spring-loaded bracket/appliator assembly specifically designed and built for each customer. The HPF material creates a micron-thin film layer between the wheel tread and the top-of-rail, providing a controlled friction level of 0.35 on the wheel/rail interface.

LCF Solid Stick On-Board Lubricant

L.B. Foster's LCF (Low Coefficient of Friction) Solid Stick is a 100% dry, on-board lubricant designed to reduce flange wear. It lessens maintenance and equipment replacement costs while improving system performance. LCF provides consistent lubrication to the wheel/rail interface throughout the entire railway system and is safer, cleaner and more reliable than oil system alternatives.

GREASE

Through our numerous partnerships with grease manufacturers, L.B. Foster offers a wide range of products to suit your needs. Our unmatched level of industry experience can help us to determine the optimal grease for any system or problem.

INTELLITRACK® TECHNOLOGY

L.B. Foster's Salient Systems is an advanced technology product and service provider to the worldwide rail transportation industry. Salient's precision monitoring equipment administers concurrent data and dispatches critical information to railroads regarding their track and rolling stock performance.

Our innovative IntelliTrack® Technology incorporates wayside and rail-mounted detectors to locate defective track and monitor the health of individual rail vehicles. Salient's integrated system of software and hardware utilizes new technologies and the power of timely information to maximize equipment reliability and improve operational safety.

Real-time monitoring of rail infrastructure, maintenance and rolling stock is critical for today's transit, mainline and industrial railroads. L.B. Foster is committed to the new product development necessary to maintain the technology benchmark for reliability, safety and value in the rail industry.

PERFORMANCE MONITORING

RAIL STRESS MONITOR™

The wireless RailStress Monitor™ is the first completely self-contained battery-powered measurement device for determining rail stress and temperature. This system provides the user with rail break alerts and real-time warnings of potential buckle conditions. It can also help establish proper rail neutral temperature at the time of maintenance or repair.

WHEEL IMPACT LOAD DETECTOR

The L.B. Foster Wheel Impact Load Detector is the most widely used system in the world today, with nearly 300 installed to date, to detect and alarm on excessive wheel impacts for the targeted removal of defective wheels. An essential component of any performance-based wheel management program, the WILD continually monitors rail vehicle wheel health to ensure safe and productive train operations.

HUNTING TRUCK DETECTOR

L.B. Foster has developed a new, state-of-the-art Hunting Truck Detector (HTD) by building from the solid foundation that the WILD detector has provided the industry for more than 20 years.

WEIGH IN MOTION

L.B. Foster has developed a state-of-the-art Weigh In Motion (WIM) system building on the solid foundation that the WILD detector has provided the industry for more than 20 years. The WIM system provides accurate vehicle weight. It alerts on overload, side-to-side imbalance, and end-to-end imbalance conditions.



CAR REPAIR

L.B. Foster offers a complete line of custom designed locomotive and car repair equipment from mobile intermodal car jacks to complete integrated systems including car movers, car jacks and locomotive drop tables.

ONE-SPOT REPAIR JACKING SYSTEMS

Our jacks accommodate different car types and lengths with outside jacks handling up to 75 tons and center jacks up to 150 tons. These jacks are available in both fixed and traversing positions to accommodate varying car widths and lengths.

SINGLE AXLE LOCOMOTIVE DROP TABLES

L.B. Foster offers a 50 ton system with four hydraulic pit wall mounted jacks and a hydraulically activated table top and transporter to serve one or a multiple-track installation.

PILOT PLATE STRAIGHTENER

We can provide a self-contained Hydraulic Ram system designed to safely reposition the Pilot Plate on a locomotive.

JIB CRANES AND ACCESSORIES

We offer a four ton single-column and dual-column jib crane with electric-driven chain hoists and other accessories.

INTERMODAL CAR JACKS

The licensed Mobile Articulated Car Jack (MAC Jack™) has a six inch rail clearance and 50 ton maximum weight capacity (depending upon lifting points). It can lift intermodal-type rail cars and normally coupled cars just about anywhere you need lifting capability.

RETARDERS

Our electronically controlled pneumatic retarders are used with one-spot car repair systems to locate cars over existing jacking systems for routine maintenance.

RABBIT CAR MOVERS

These electro-mechanical or hydraulic driven systems operate between the rails and can handle one to 50 cars depending upon horsepower requirements.

CXT[®] CONCRETE TIES

L.B. Foster offers a complete line of CXT[®] concrete railroad ties. Our catalog of concrete ties includes standard track, turnout, gantry and specialty ties, such as guard rail, restraining rail and grade crossing ties. All CXT concrete ties are designed in accordance with AREMA specifications and can be customized to meet customer requirements.

CXT concrete ties will improve reliability of existing tracks and build longterm performance into tomorrow's industrial applications, shipping ports, transit systems and high speed trains. L.B. Foster's dedicated sales and engineering staff can work closely with you to optimize tie design and develop spacing based on axle load impact, speed and tonnage.

Our concrete ties are engineered to require minimum maintenance to maintain track gauge in the harshest conditions over long periods of time. CXT concrete ties have high flexural strength and are developed to work in conjunction with their fastening system and track ballast to resist lateral, longitudinal and vertical movement.

When compared to traditional wood and steel ties, CXT concrete ties will provide longer in-track life and reliability. Cost benefits can also be realized with the increased tie spacing of concrete ties when compared to wood or steel ties.

CXT concrete ties are manufactured at strategically located facilities in Spokane, Washington and Tucson, Arizona. These plants are ISO 9001:2008 certified and produce a complete series of concrete ties for all applications.

CXT RADIO FREQUENCY IDENTIFICATION (RFID) TRACKER

L.B. Foster is casting an integrated circuit chip into a specialized CXT concrete tie to provide Radio Frequency Identification (RFID) of their product for remote monitoring applications. All associated component attributes are easily retrievable in real time, enabling more efficient supply chain and product life cycle management. This remote system track a tie's location from manufacturing through customer inventory to track installation.

**RAPID TRANSIT
MAINLINE
HEAVY HAUL
INDUSTRIAL
FASTENING SYSTEMS**



FACILITY LOCATIONS

RAIL PRODUCTS

1193 Salt Spring Road
Niles, OH 44440

381 Lockheed Street
Pueblo, CO 81001

130 Satellite Boulevard NE, Suite A
Suwanee, GA 30024

2658 S. County Road 700 East
Columbia City, IN 46725

CXT® CONCRETE TIES

2420 N. Pioneer Lane
Spokane, WA 9921

2965 East Fairland Stravenue
Tucson, AZ 85713

RAIL TECHNOLOGIES

4041 Remi Place
Burnaby, BC
V5A 4J8 Canada

172 Brunswick Boulevard
Pointe-Claire, QC
H9R 5P9 Canada

415 Holiday Drive
Pittsburgh, PA 15220

Stamford Street
Sheffield S9 2TX
United Kingdom

SALIENT SYSTEMS

4393-K Tuller Road
Dublin OH 43017

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LBFoster®

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