



A Higher Level of Reliability



The Sperry BSFD Trolley

For superior technology, training, and reporting, the solution is Sperry.

Sperry Rail Service

a Rockwood Company



The Sperry BSFD Trolley

incorporates our B-Scan Flaw Detector technology in an easy to operate, low maintenance trolley capable of testing speeds up to 10 MPH. Ideal for yard testing and transit systems, this trolley is rugged enough to stand up to these demanding environments, yet nimble enough to accommodate varied conditions.

Smart features that save time, reduce costs and improve safety:

The Sperry Advantage

20-channel test system with comprehensive B-Scan display (multi-language capability). Can be switched to A-Scan mode. All test data is saved and can be transferred to a laptop or network computer for offline analysis.

UX-9 Roller Search Units (RSUs) – nine ultrasonic channels per rail (1 x 0° / 2 x 37.5° / 6 x 70°) to provide full coverage of testable rail.

A GPS unit is included and is linked to the test system for improved record keeping. The GPS “breadcrumb trail” of all tested areas is part of the B-Scan permanent record of test.

Built-in reporting system to record activity, movements and defects

Display screen that can be tilted to facilitate hand tests

Rail Depth Measurement

Data transfer capability through 3G connection option

Track Gauge Measurement



Flexible controls enable forward and reverse operation

Remove the time and risk associated with changing directions. Our feature-rich control system allows convenient controls for forward and reverse travel. Controls include emergency stop, propulsion joystick, lighting controls, and a horn. The control panel can be locked to prevent unauthorized use.



Long battery Life

Our environmentally friendly BSFD Trolley operates for up to 8 hours on a single charge.

Variable seating capacity

The trolley comfortably seats two to four crew members, with padded seats and integrated seat belts. The entire seating section can be inverted and locked for easy transportation and storage as well as protection from the elements.



Assembly in 10-15 minutes plus splitting capabilities

A single quick-release plug disconnects all electronics for added safety and convenience.

Comprehensive services
deliver a total solution.



We pair our technology with value-added services that combine for a more cost-effective, time-efficient way to operate.



Online access and flexible reporting capabilities

Sperry is the first to offer secure web-enabled access to your test results online, anytime. Plus, customized reporting capabilities let you analyze the data according to your specific criteria.



Customer training programs

Sperry offers complete ultrasonic training and certification courses lead by an ASNT Level III-certified instructor. Participants can achieve Level I and/or Level II certification upon successful completion.



Dedicated field management

A dedicated field manager with significant experience in rail testing and management supervises all BSFD trolley deployment, crew activity, and personally responds to requests for follow-up work.

Quality assurance program and service failure investigations

Sperry employs a dedicated team to provide quality assurance and system integrity. Operators upload recorded test data daily to our Quality Management group where it undergoes a stringent quality audit review process.



Sperry is synonymous with safety.

Safety is part of our culture. It pervades every aspect of our operations, and is a critical component of everything we design. Our commitment to a safe working environment is unparalleled. In addition, we implement our proprietary Safety Management System at every level of our organization without exception.



For more information on the Sperry BSFD Trolley, or any Sperry solution, visit www.sperryrail.com or contact one of our offices:

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