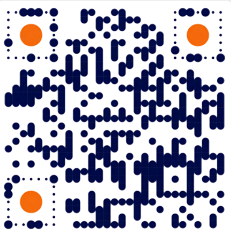




AUGUST 2025

BATTERY RAILROAD TOOLS
INSPECTION TECHNOLOGY
SPIKE TEE SPIKE SETTER

TOOL CATALOG



For a Quote or to Order
Call or Text - 973-397-5213
Email - info@ftsrail.com
Shop - FTSRail.com



ALL NEW
SPIKE TEE | Railroad Spike Setter
PAGE 4



ALL NEW
E-GRINDER | BATTERY WEB GRINDER
PAGE 21

THE TOOL LINEUP.



SPIKETEE

Railroad Spike Setter

PAGE 4-5

BATTERY RAILROAD TOOLS

THAT MAKE SENSE

PAGE 6-23



INSPECTION TECHNOLOGY

Measure. Monitor. Maintain

PAGE 26-31

MILWAUKEE TOOLS

THE MOST TRUSTED BATTERY IN RAIL

PAGE 32-33



Testimonials and other important information.

PAGE 34-35

SPIKETEE

Railroad Spike Setter



Page 4

SPIKEEASE

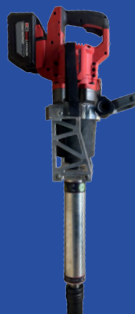
Battery Powered Spike Puller



Page 8

LAGEASE

Battery Powered Lagger



Page 10

EZ JACK

Battery Powered Railroad Jack



Page 11

DRILLEASE

Battery Powered Tie Drill
(D-Handle Version)



Page 12

DRILLEASE

Battery Powered Tie Drill
(Standard Version)



Page 13

RAILEASE

Battery Powered Rail Drill



Page 16

RAILEASE

Battery Powered Transducer Drill



Page 17

eGRINDER

Battery Powered Hand Web Grinder



Page 20

eGRINDER

Battery Powered Handle Bar Web Grinder



Page 21

SPIKE FORCE

Battery Powered Spike Driver



Page 22

LASER FOCUSED

Dynamic Rail Deflection Device



Page 26

TEMP TRAC

Rail Temperature Monitoring



Page 28

DYNAMICVOID

Digital Track Void Meter

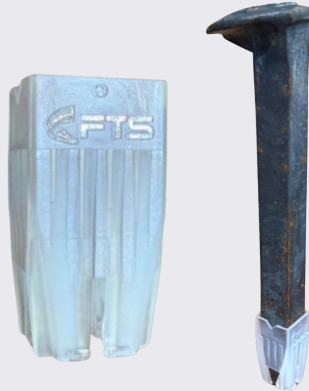


Page 30

SPIKETEE

Railroad Spike Setter

Spike-Tee Spike Setter



What's Included
- FTS Spike Tees

FTS ITEM NO.	BAG QUANTITY
FTS10768-5	1,000 - 20,000
FTS10768-2	20,000 - 40,000
FTS10768-4	40,000 - or more

PATENTED

SPIKE-TEE IN ACTION



"FEEDBACK FROM THE FIELD"

"It's a safer way to set a spike and takes alot less effort."
BNSF Roadmaster

KEY FEATURES

- Set spikes in seconds without fatigue and injuries.
- Fastest and safest way to set a railroad spike.
- Compatible with battery, manual, or hydraulic drivers.
- Insert Spike & Spike Tee into the tie plate and drive.
- Takes 2 seconds to set the spike.
- Greatly reduces flying spikes from glancing blows.



COMING SOON

The Spike-Tee Plug

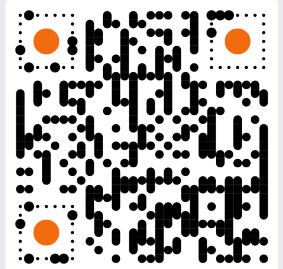




No More Injuries or Fatigue
From Manual Spike Setting

Insert the Spike & Spike Tee
into the tie plate and drive.

IT'S THAT SIMPLE



SEE IN ACTION



**The Safest &
Fastest** Way to Set a Spike



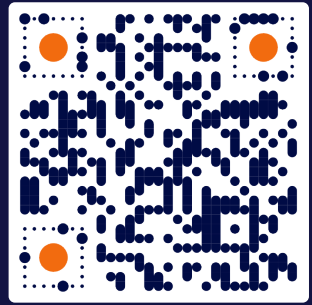


BATTERY RAILROAD TOOLS

THAT MAKE SENSE



Scan and See FTS Tools in Action



Railroaders choose FTS Tools for their unmatched performance, durability, safety, and ability to run on the trusted Milwaukee battery platform.

Have the Milwaukee impacts? Simply just order the FTS Tools attachment you are looking for, insert your correct impact wrench, and get to work!



WHY MILWAUKEE BATTERIES OVER OTHERS?

- 1. Milwaukee is the most trusted battery in rail.**
(They are already used by most railroads.)
- 2. It's what railroaders are asking for.**
(Railroaders do not want custom batteries & multiple chargers.)
- 3. FTS Tools easily integrate with Milwaukee Tools.**
(If you already have the Milwaukee impacts, all you need are FTS attachments.)
- 4. Easily accessible at thousands of locations worldwide.**
(Need Milwaukee batteries in a pinch? It's likely they are in a store near you.)

POWERED BY



MILWAUKEE BATTERIES

GPS TRACK YOUR TOOLS (With Milwaukee One Key)

Connect your impact to the Milwaukee One Key app and track your tools to their exact location. Set and lock tool settings such as torque for specific job tasks.



SPIKE EASE

Battery Powered Spike Puller

SpikeEase V2 (Tool Only)



What's Included

1 - SpikeEase 2 Unit

FTS ITEM NO.

FTS20182-99

SpikeEase V2 Complete Kit



What's Included

1 - SpikeEase 2 Unit
1 - Milwaukee 1/2" Impact Wrench
1 - Rapid Charger
2 - 12AH M18 Batteries

FTS ITEM NO.

FTS20182-96

PATENTED

SPIKE-EASE 2 IN ACTION



"FEEDBACK FROM THE FIELD"

"We use it all the time. It's the quickest battery spike puller we have. We had another brand but it does not even compare..."

BNSF FOREMAN

KEY FEATURES

- Operates with Milwaukee M18 batteries.
- Pulls spikes in 1-3 seconds (2X FASTER).
- Lightweight (36lbs).
- 3 Second set up time.
- Pulls dead head spikes with special claw.
- Engineered, tested, and built for the railroad.



IMPACT DRIVER

1/2" Milwaukee Impact
(2767-20)
(2967-20)
(2863-20)



Standard Jaws



FTS ITEM NO.

FTS20223-TJ

Hairpin Jaws



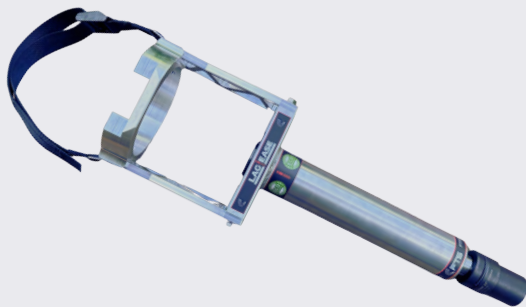
FTS ITEM NO.

FTS20223-TJ

LAG EASE™

Battery Powered Lagger

LagEase (Tool Only)



What's Included

1 - LagEase Unit

FTS ITEM NO.

FTS20204-TO

LagEase Complete Kit



What's Included

1 - LagEase Unit
 1 - Milwaukee 1" DH Impact Wrench
 1 - Rapid Charger
 2 - 12AH M18 Batteries

FTS ITEM NO.

FTS20204-MBP02

PATENTED

LAG-EASE IN ACTION



"FEEDBACK FROM THE FIELD"

"Uses the same impact that we use for joint bars. A safer extension that saves my guys backs. Works like a charm."

CPKC Roadmaster

KEY FEATURES

- Operates with Milwaukee M18 batteries.
- Drives lag screws in 2-7 seconds.
- Keeps the user's back from excessive bending.
- Interchangeable socket attachments.
- Lightweight (35lbs.)
- 90 degree attachment for joint bars.



IMPACT DRIVER

1" DH Milwaukee Impact
 (2868-20)





Battery Powered Railroad Jack

EZ-Jack (Tool Only)



What's Included

- 1 - EZ-Jack Unit
- 1 - FTS Jack Pad

FTS ITEM NO.

FTS28351-TO

EZ-Jack Complete Kit



What's Included

- 1 - EZ-Jack Unit
- 1 - Milwaukee 1/2" Impact Wrench
- 1 - Rapid Charger
- 1 - 12AH M18 Batteries
- 1 - FTS Jack Pad

FTS ITEM NO.

FTS28351-MBP01C

PATENTED

EZ-JACK IN ACTION



"FEEDBACK FROM THE FIELD"

"It just makes our job that much easier. No hoses, no pumping, just pull the trigger and the rail lifts easy."

NS Foreman

KEY FEATURES

- Operates with Milwaukee M18 batteries.
- Lifts up to 6".
- Rated for 5 tons.
- Safety lock feature when impact removed.
- Attachable wide base plate for soft ground.
- Faster and more efficient than any other jack.



IMPACT DRIVER

1/2" Milwaukee Impact
(2767-20)
(2967-20)
(2863-20)

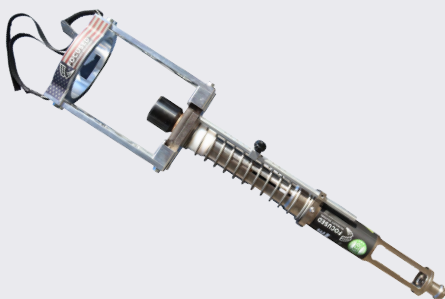


BATTERY RAILROAD TOOLS



Battery Powered Tie Drill (D-Handle Version)

DH DrillEase (Tool Only)



What's Included

1 - DH DrillEase Unit

FTS ITEM NO.

FTS20201-DTO

DH DrillEase Complete Kit



What's Included

1 - DH DrillEase Unit

1 - Milwaukee 1" DH Impact Wrench

1 - Rapid Charger

2 - 12AH M18 Batteries

FTS ITEM NO.

FTS20201-DMBP01C

PATENTED

DH DRILL-EASE IN ACTION



"FEEDBACK FROM THE FIELD"

"Handles our jobs no problem. No hoses to mess with and drills through ties like butter."

Norfolk Southern Foreman

KEY FEATURES

- Operates with Milwaukee M18 batteries.
- Drill ties in 2-4 seconds.
- Drill holes up to 15/16ths" width.
- Drill consistent depths with depth gauge.
- Lightweight (39lbs.)
- Spring loaded shaft for easy release from tie.



IMPACT DRIVER

1" DH Milwaukee Impact
(2868-20)



DRILLEASE™

Battery Powered Tie Drill
(Standard Version)

DrillEase (Tool Only)



What's Included

1 - DrillEase Unit

FTS ITEM NO.

FTS20201-TO

DrillEase Complete Kit



What's Included

- 1 - DrillEase Unit
- 1 - Milwaukee 1" Impact Wrench
- 2 - 12AH M18 Batteries
- 1 - Milwaukee Rapid Charger

FTS ITEM NO.

FTS20201-MBP02

PATENTED

DRILL-EASE IN ACTION



"FEEDBACK FROM THE FIELD"

"We drill around 500 holes a day with these (DrillEase). They work great, hold up no problem, and the team likes them."

BNSF Foreman

KEY FEATURES

- Operates with Milwaukee M18 batteries.
- Drill ties in 2-4 seconds.
- Drill holes up to 15/16ths" width.
- Drill consistent depths with depth gauge.
- Lightweight (36lbs.)
- Spring loaded shaft for easy release from tie.



IMPACT DRIVER

1" Milwaukee Impact
(2867-20)



18" Lineman Tie Drill Auger Bits



FTS ITEM NO.	SIZE
FTS20201-0002	1/2 in.
FTS20201-0004	5/8 in.
FTS20201-0009	1 1/16 in.
FTS20201-0008	3/4 in.

9" Drill Bit & Extension For composite tie drilling

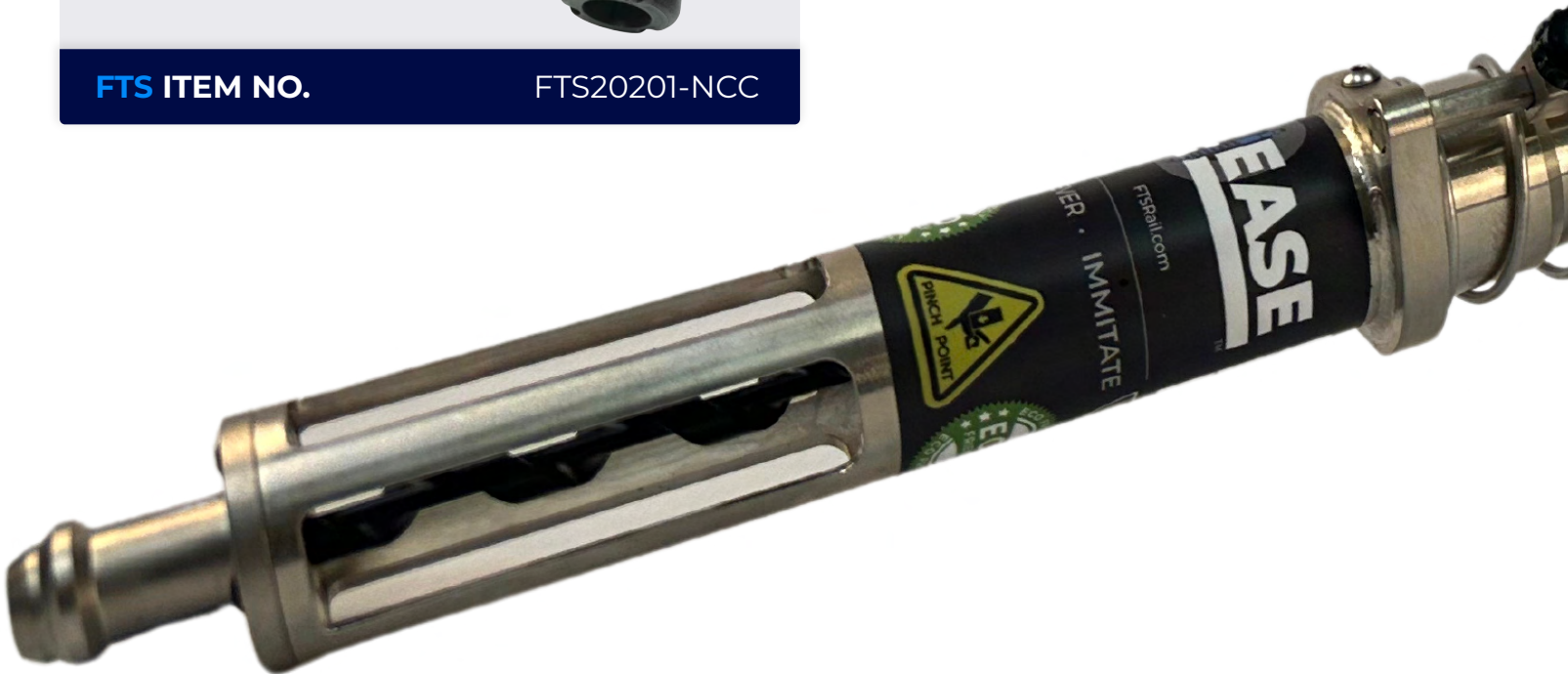


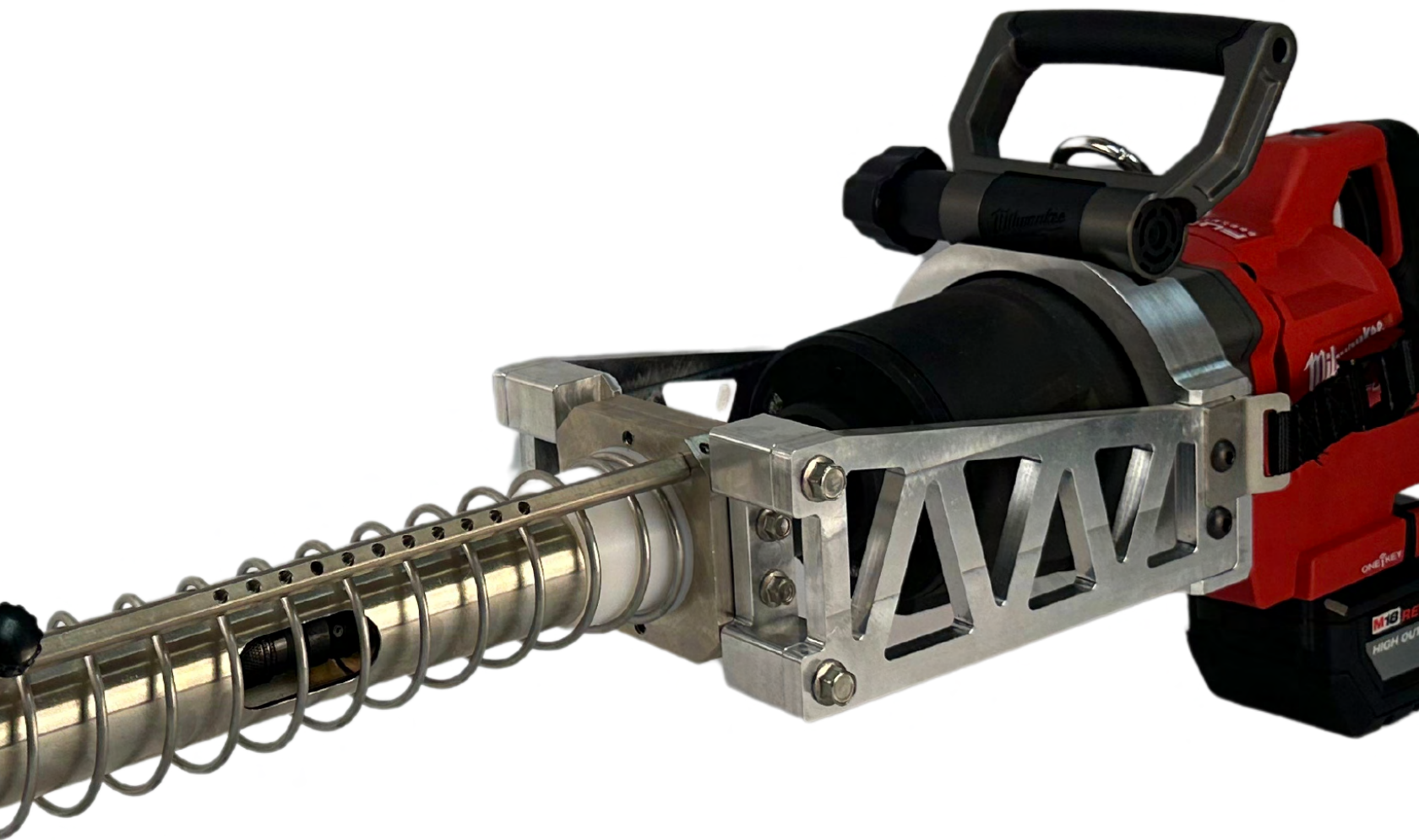
FTS ITEM NO.	SIZE
FTS20201-0004C	5/8 in.
FTS20201-0009C	1 1/16 in.
FTS20201-0008C	3/4 in.
Extension Item # - FTS20201-EXTC	

Nose Cone Adapter For composite tie drilling



FTS ITEM NO.	FTS20201-NCC
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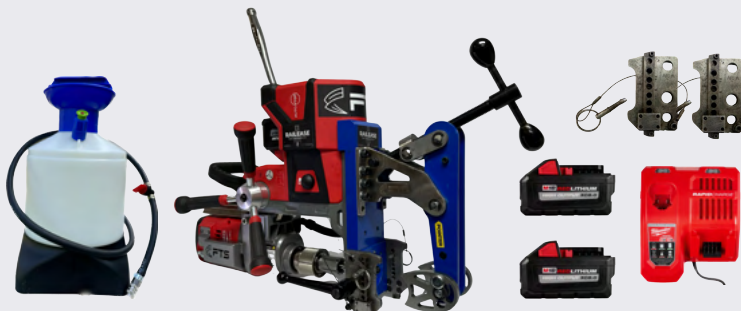




RAIL EASE

Battery Powered Rail Drill

RailEase Kit



What's Included

- 1 - RailEase Unit
- 1 - 1 gal Fluid Tank
- 2 - 8AH M18 Batteries
- 1 - Milwaukee Rapid Charger
- 1 - Set of Adjustable Rail Shoes
- 1 - Magnetic Jig



FTS ITEM NO.

FTS20223-8AHPADJ

RAIL-EASE IN ACTION



"FEEDBACK FROM THE FIELD"

"This sucker comes in handy. It's always reliable. We had an emergency downtown and it turns on everytime and does the job."

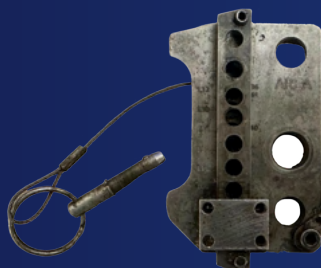
Norfolk Southern Track Supervisor

KEY FEATURES

- Operates with Milwaukee M18 batteries.
- Drills holes as fast as 15 seconds.
- Fits on any size rail with the correct shoes.
- 14+ holes per 12AH battery charge on hh rail.
- Lightweight (30lbs.)
- Compatible with all Trak-Star shoes.

1 SHOE FITS MOST

1 set of Adjustable shoes fits 100-141lb Rail.



RailEase | Transducer Version Kit



What's Included

- 1 - RailEase Unit (Transducer Version)
- 1 - 1 gal Fluid Tank
- 2 - 8AH M18 Batteries
- 1 - Milwaukee Rapid Charger
- 1 - Set of rail shoes (works with all rail sizes).
- 1 - Universal wheel sensor template

FTS ITEM NO.

FTS20223-8AHPADJT

TRANSDUCER VER IN ACTION



"FEEDBACK FROM THE FIELD"

"No need to worry about gas and starting this thing up in the winter. Starts everytime, is reliable, and makes the job easier."

BNSF Signal Supervisor

KEY FEATURES

- Operates with Milwaukee M18 batteries.
- Drills holes as fast as 10 seconds.
- Hole height adjustment from head of the rail.
- 20+ holes per 12AH battery charge on hh rail.
- Lightweight (9lbs lighter than gas drill).
- Drilling template works for every wheel sensor.

Works With All Wheel Sensors



- Pintsch Tiefenbach
- Progress Rail
- Frauscher Sensor



FTS

SHREDDER

Coated Carbide Rail Cutter



FTS ITEM NO.

SIZE

FTS20223-1A116J _____ 1-1/16 in.

FTS20223-1A516J _____ 1-5/16 in.

FTS20223-1A18J _____ 1-1/8 in.

Not able to find your size? Reach out, we'll have it!

FTS

RAIL SAUCE



Super Concentrated Cutting Fluid



FTS ITEM NO.

FTS20223-CF1

Adjustable Rail Shoes
(100-140lb RE)



FTS ITEM NO.

FTS20223-ADJ

Fluid Tank
(Metal 2 gal Tank)



FTS ITEM NO.

FTS20223-FTM

Single Size Rail Shoes
(Choose size)

Rail Shoe Sizes (lbs)			
70	95	119	136
75	100	122	133
80	110	130	136
85	112	131	140
90	115	132	141

Not able to find your size? Reach out, we'll have it!



FTS ITEM NO.

FTS20223-RS



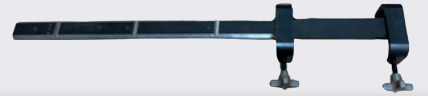
Magnetic Jig (Choose size)



FTS ITEM NO.

FTS20223-MJ

Metal Jig (Choose size)



FTS ITEM NO.

FTS20223-JIG

Transducer Jig

WORKS WITH

- Pintsch Tiefenbach
- Progress Rail
- Frauscher Sensor



FTS ITEM NO.

FTS20223-TJ

Transducer Upgrade

Upgrade your RailEase unit to work with Transducer Sensors.



FTS ITEM NO.

FTS20223-TU

Transducer Drill Bits

1/2in x 1in



FTS ITEM NO.

FTS20223-1A916



SHREDDER

Coated Carbide Rail Cutter



DRILL ENDLESSLY

LASTS UP TO 4X LONGER

Than any other cutter on the railroad.

Universal chuck works with most drills





Battery Powered Hand Web Grinder

E-Grinder Kit



What's Included

- 1 - E-Grinder Unit 6" or 8" Wheel
- 1 - 12AH M18 Battery
- 1 - Milwaukee Rapid Charger

FTS ITEM NO. 6" - FTS20759-6MBP01C
8" - FTS20759-8MBP01C

PATENTED

E-GRINDER IN ACTION



"FEEDBACK FROM THE FIELD"

"We use the E-Grinder for signal bonds and it's great. It's easy when you have the Milwaukee batteries. Just take the tool of the truck and go."

METRO North - S&C

KEY FEATURES

- Operates with Milwaukee M18 batteries.
- 6000 rpm & 30min of run time on 12AH battery.
- Rotating guard to reach any angle.
- Used for web and any multipurpose rail grinding.
- Fits a 6" or 8" grinding wheel.
- Lightweight (23lbs.)

DUAL USE TOOL

Compatible With Bicycle Web Grinding Frame.





Battery Powered Handle Bar Web Grinder

E-Grinder Bicycle Frame Kit



What's Included

- 1 - E-Grinder Unit 6" or 8" Wheel with Frame
- 1 - 12AH M18 Battery
- 1 - Milwaukee Rapid Charger

FTS ITEM NO.

6" - FTS20759-6MBP01CF
8" - FTS20759-8MBP01CF

PATENTED

E-GRINDER IN ACTION



"FEEDBACK FROM THE FIELD"

"It's lighter than any hydraulic web grinder that we've ever used.
On larger projects grinding time is cut in half"
BNSF Signal Supervisor

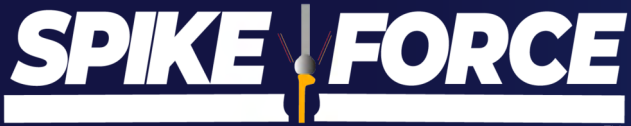
KEY FEATURES

- Attach E-Grinder to frame in seconds.
- 6000 rpm & 30min of run time on 12AH battery.
- Rotating guard to reach any angle.
- Used for web grinding.
- Fits a 6" or 8" grinding wheel.
- Lightweight (30lbs.) fully assembled

DUAL USE TOOL

Detach and turn into
handheld web grinder
in seconds.





Battery Powered Spike Driver

SpikeForce Complete Kit

What's Included

- 1 - SpikeForce Unit
- 1 - SpikeForce Drive Tip
- 1 - Tamper Attachment
- 1 - Dead Head Attachment
- 1 - MX Fuel Charger
- 1 - MX Fuel 6AH Battery



FTS ITEM NO.

FTS20202-MBP012K

SPIKE-FORCE IN ACTION



"FEEDBACK FROM THE FIELD"

"This works great! Especially against the alternative battery option. Takes most of the vibration from your hands when driving a spike."

Norfolk Southern Track Supervisor

KEY FEATURES

- Operates with Milwaukee MX Fuel batteries.
- Drives spikes in 2-5 seconds
- Mitigates excessive vibration of hands.
- 3 in 1 tool. Drive spikes, tamp, and drive dead heads.
- Quick lever to easily switch attachments.
- Easily portable and free of hoses.

3 IN ONE TOOL

Just switch the attachment.
(Drive Spikes)
(Tamp Ballast)
(Drive Dead Heads)



ACCESSORIES

Spike Driver Attachment



FTS ITEM NO.

FTS20202-DT

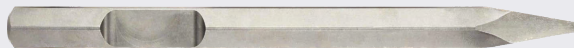
Dead Head Attachment



FTS ITEM NO.

FTS20202-DA

Chisel Attachment



FTS ITEM NO.

FTS20202-IC

6AH MX Battery



110 Spikes Driven

FTS ITEM NO. FTS20202-MXB

12AH MX Battery



220 Spikes Driven

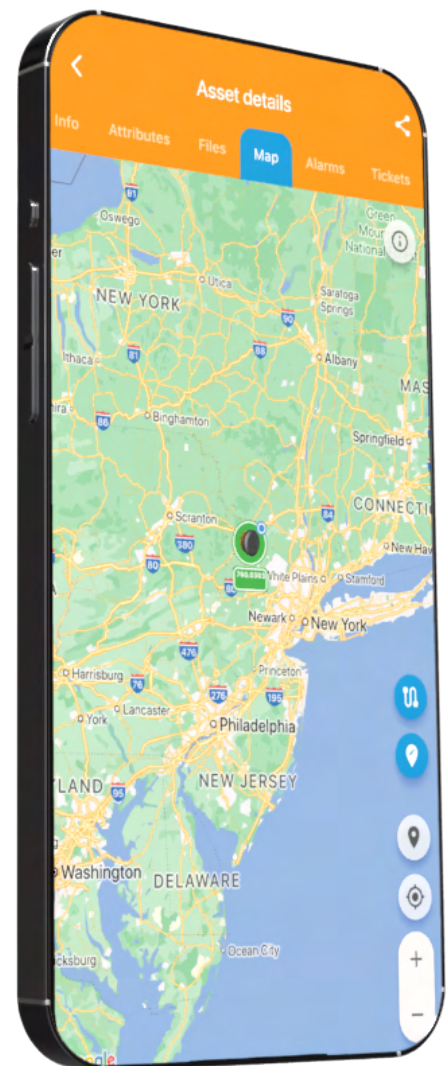
FTS ITEM NO. FTS20202-MXB2

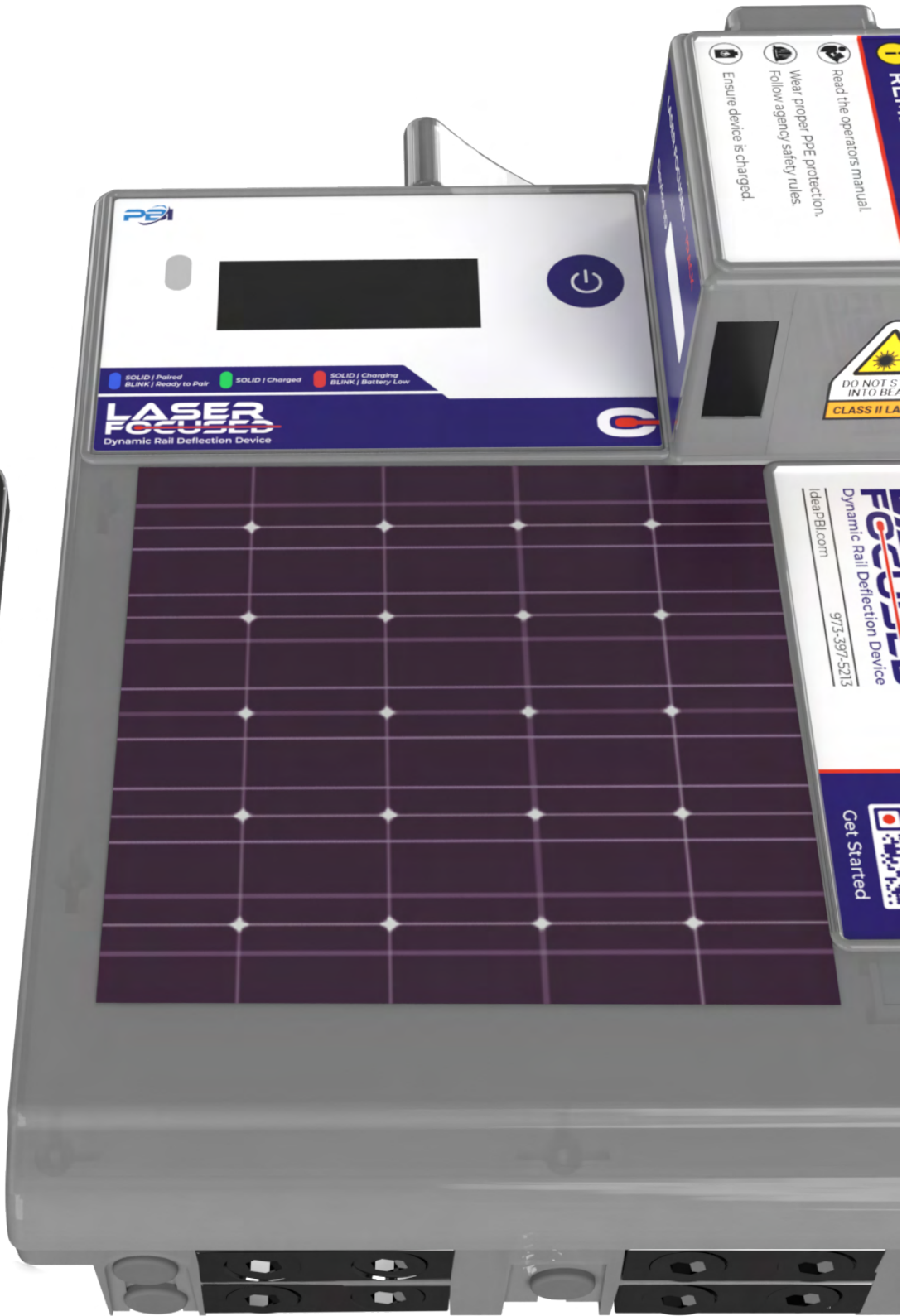
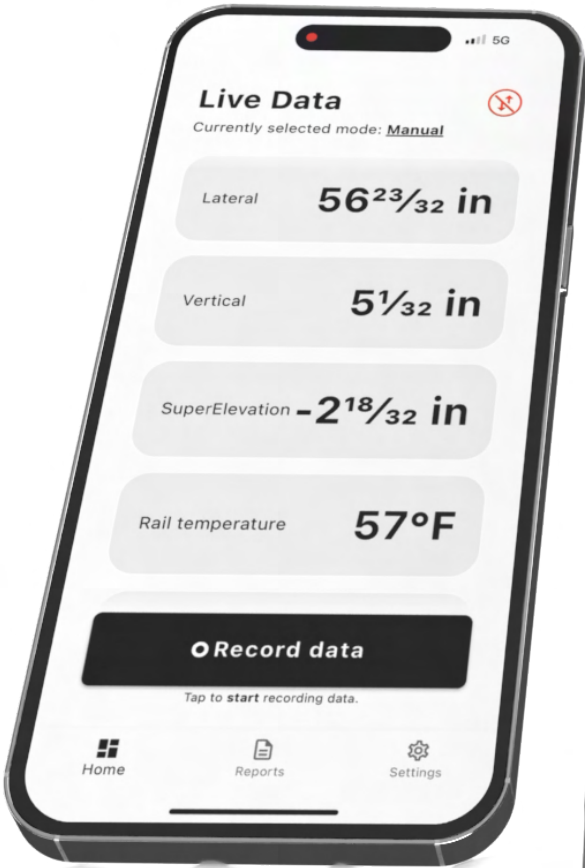




INSPECTION TECHNOLOGY

Creating safer track by monitoring data that matters.





LASER FOCUSED

Dynamic Rail Deflection Device

Laser Focused Kit



What's Included

- 1 - Laser Focused Device
- 1 - Protective Carry Case
- 1 - Charging Cable
- 1 - Vertical Leveling Bag

FTS ITEM NO.

FTS30964-MD



FTS Cloud Connect
(Cellular Feature)

FTS ITEM NO.

FTS30964-HWCF

PATENTED

LASER FOCUSED IN ACTION



"FEEDBACK FROM THE FIELD"

"Visual inspection are not measurable and this device gives me the exact measurement for vertical and lateral track deflections under load."
Amtrak Track Inspector

OPERATION

- Laser Focused measures key rail deflections as well as rail, track bed, and ambient temperature under full dynamic load.
- Monitor these metrics 24/7 and get alerts as they exceed your set thresholds.
- Connect to Laser Focused via the FTS Cloud Connect or bluetooth and view/download data captured.

WHAT'S MEASURED

- Lateral Track Deflection (in,mm)
- Vertical Track Deflection (in,mm)
- Rail Temp (F°/C°)
- Track Bed Temp (F°/C°)
- Ambient Temp (F°/C°)
- Superelevation (in,mm)



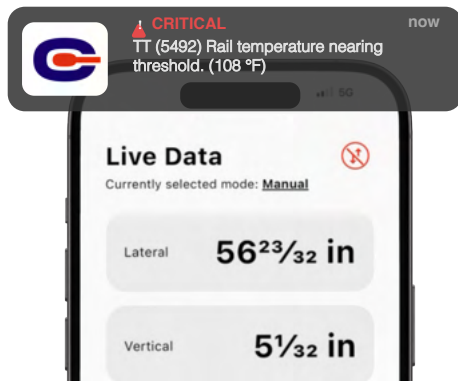
Monitor Data That Matters **24/7**

- Measure vertical and lateral rail deflection under full dynamic load as well as rail, track bed, and ambient temperature 24/7.



Data Mapped Out & On The Go

- View track measurements from any location using the FTS Cloud Connect.
- View specifically at what location your Laser-Focused or Temp Trac device is stationed and track its movements using GPS locating.



Catch Defects Before They Happen

- Set thresholds for each measurement and receive an alert when thresholds are nearing or exceeded a specific measurement.
- Get an alert and give the required attention to the specific area being monitored.

Improve Revenue Service

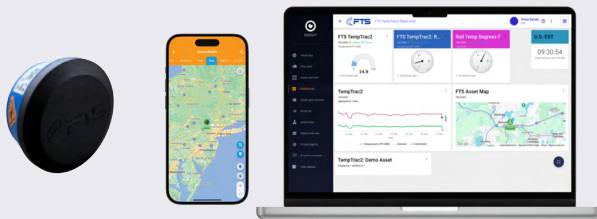
- Reduce the number of slow orders and defects placed on your track. Improve your revenue service.
- See up to 5 years of data captured by your Laser Focused or Temp Trac unit and formulate data trends to better prepare for the seasons and trouble areas to come.





Rail Temperature Monitoring Device

Temp Trac Kit



What's Included

- 1 - Temp Trac Device
- FTS INSIGHT Access

FTS ITEM NO.

FTS30964-HW2



FTS INSIGHT
(Cellular Feature)

FTS ITEM NO.

FTS30964-HWCF

PATENTED

TEMP TRAC IN ACTION



"FEEDBACK FROM THE FIELD"

"Works great, does exactly what we need it to do."

AMTRAK

OPERATION

- Temp Trac measures rail temperature from -25°C to 85°C.
- Receive alerts when rail and ambient temperature exceeds your set thresholds.
- Connect to Temp Trac via FTS Insight to view data.
- Magnetically attaches to the rail. Set up in seconds.
- Temperature data collected and sent every hour.
- Battery life lasts up to 4 years.

WHAT'S MEASURED

- Rail Temp (F°/C°)

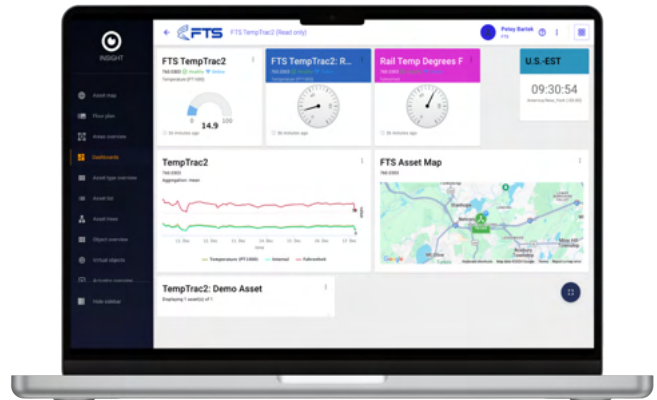
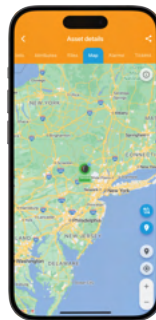




TempTrac®

TempTrac® is an advanced system designed to remotely measure rail temperature. It provides critical alerts and scheduled measurements for Comprehensive Rail Temperature Monitoring – all without requiring trackside intervention.

TempTrac is the first system sophisticated enough to eliminate blanket heat restrictions, allowing railways to intelligently adjust train speeds, reallocate workers to other pressing issues, and achieve significant savings – often hundreds of thousands of dollars per year.



Remotely Monitor Rail Temperature
Make Data Driven Decisions



Dynamic Void Kit



What's Included

- 1 - Dynamic Void Unit
- 1 - Extra Battery

FTS ITEM NO.

JKDS19034-10K

PATENTED

DYNAMIC VOID IN ACTION



"FEEDBACK FROM THE FIELD"

"We do not want slow orders on our track and this device helps me get them off the tracks fast by getting exact dynamic vertical deflection."
Norfolk Southern Track Inspector

KEY FEATURES

- Measures vertical deflection under dynamic load.
- Easy installation (magnetize to the web of rail).
- 3 seconds to set up.
- Automatic turn on & record once a train passes.
- Digital and manual readings for measurement.
- Measures in millimeters or inches.

WHAT'S MEASURED

Vertical track deflection under dynamic load.

EASY INSTALLATION

Just magnetize to the web of the rail.



Measure Vertical Rail Deflection Under Full Dynamic Load



MILWAUKEE

THE MOST TRUSTED BATTERY IN RAIL



MILWAUKEE ITEMS

Milwaukee M18 12AH Battery
Red Lithium Forge HD



(48-11-1813)

FTS ITEM NO.

FTS20182-75F

Milwaukee 1" Impact Wrench



(2867-20)

FTS ITEM NO.

FTSMILW-2867-20

Milwaukee 1/2" Impact Wrench



(2767-20)

FTS ITEM NO.

FTSMILW-2767-20

Milwaukee 1" D-Handle Impact Wrench



(2868-20)

FTS ITEM NO.

FTS20182-84

FTS Tools is not affiliated with Milwaukee or Dewalt Tools. We buy and sell standard Milwaukee and other battery-operated products



MILWAUKEE

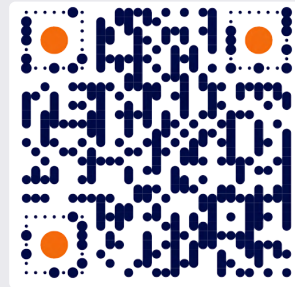
ORDER FTS TOOLS.

FOR A QUOTE SCAN OR

Call or Text - 973-397-5213

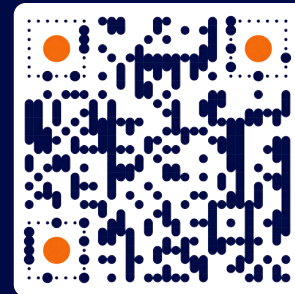
Email - info@ftsrail.com

Website - FTSRail.com

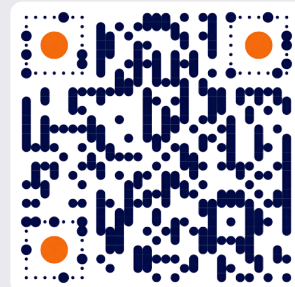


Order FTS Tools Online

THE FTS SHOP



CLASS 1 CPKC
FTS CATALOGS



Get Class 1 Material #'s to purchase tools through your class 1 procurement system.

NEED SERVICE? REACH OUT.

FTS Tools are durable and built for the everyday use on the railroad. BUT if you do experience any challenges with your tools, we are here to help and ready to take action!

Email us at info@ftsrail.com OR Call us @ (973) 397-5213



FEEDBACK FROM THE FIELD.

SERVICE TO OUR CUSTOMERS

"Thanks for reaching out again man, it's above and beyond and it's very appreciated."

BNSF Roadmaster

"You guys always follow up and make sure we are happy with our tools. Always appreciated."

CPKC Roadmaster

"You guys are on top of it and work fast. Thanks."
(Special retrofit for our rail drill for BNSF)

BNSF Division Engineer

"You always take care of us man. We really appreciate all you do."

Norfolk Southern Track Supervisor

TOOL FUNCTIONALITY

"We drill about 500 holes a day with the DrillEase. We love that tool."

BNSF Foreman

"As long as FTS keeps making tools we will keep buying them. They are that good!"

GM Transdev

"We use the SpikeEase jsut about everyday. The guys really like it. It works well for us"

CPKC Roadmaster

"We have tried some of the other battery powered stuff but did not have much luck. The tools you guys have are much better. We use them a bunch."

Norfolk Southern Foreman



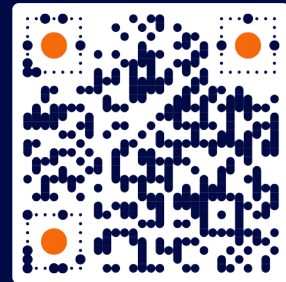


Zack Divers (center) of Norfolk Southern and his incredible team. Zack had the idea of a battery-powered railroad jack and our team at FTS brought it to life. Innovation from the field to development.

See on page 11

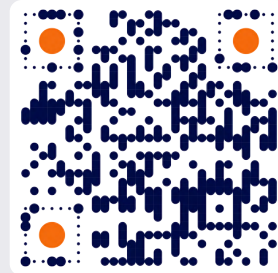
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FTS CATALOG



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