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Miner Enterprises, Inc

It's What's Inside that Counts

A closer look into the most trusted components in the industry.

From the outside, railcar parts may look the same.

But to truly understand what goes into designing, refining and supporting the top-performing railcar components worldwide, let's take a look inside at the people, process, and commitment to performance that are the heart of every Miner product.

A Legacy of Leadership

40 years ago, a game-changing innovation was uncovered: Miner TecSPak® technology. Almost overnight, its unique elastomer design doubled (and in many cases tripled) product life expectancies and provided a superior solution to all-steel, rubber and urethane products.

Technology for the Toughest Environments

Since its introduction, TecSPak® has been put to the test across continents and in thousands of hard-working applications. Our

decades of experience give us a unique understanding of how to make railcars perform better and for longer. That legacy lives inside every TecSPak®-equipped component we manufacture, and it shows in their unsurpassed performance.

Total Quality that Comes from Complete Manufacturing Control

Today, we still make every TecSPak®-equipped draft gear and side bearing in-house. There is no better and more experienced manufacturing team than our own, and our total management of the production process promises consistent quality that meets or exceeds the high expectations of our customers.

The Restless Spirit of Innovation

As the demands of the railcar industry continue to evolve, Miner continues to innovate and drive improvements in performance and

longevity. Our dedicated product development teams work with our customers to determine the needs and are inspired by their desire to exceed limitations as we work to continually improve the ways we can be an indispensable partner in long-term performance.

TecSPak®-Equipped Draft Gears and Side Bearings

The core of our top-performing components is TecSPak technology. Invented by us decades ago and continuously improved ever since, our TecSPak®-equipped product line sets the industry standard for global excellence and reliability.



Proven Draft Gear Performance

As a pioneer and industry leader in draft gear design, Miner has over 125 years' experience and has produced over 5 million units operating in a wide variety of services worldwide. Our TF-880™ TecsPak® friction draft gear is the lightest weight high-performance option, allowing extra payload capacity and greater car design flexibility.

With its patented elastomer compression spring package and proven friction clutch design, TF-880 absorbs more energy and can significantly reduce the transfer of damaging forces to your railcar. With a 37-year track record and over 1.4 million units in service, the TF-880 is the most specified draft gear in the industry.

Reliability that Runs for Millions of Miles

Miner draft gears have consistently demonstrated that their superior

capacity actually increases over time, even in the most punishing service applications. In fact, our draft gears are known to perform as well as or better than new after prolonged use. Tests have shown Miner draft gears provide double-digit increases in capacity well after 1,000,000 miles of service.

Engineering Side Bearings to Reduce Wear

Miner TecsPak® Constant Contact Side Bearings help minimise railcar life-cycle costs by providing exceptional, proven control over the railcar truck instability known as truck hunting. Manufactured with the tightest tolerances in the industry, our side bearings are able to maximise energy absorption, allowing railcars to operate at high speeds while substantially reducing truck and wheel wear to extend service life and drive down maintenance costs.



Inside Every Miner Component Is a Promise of Partnership

In everything that we do and in every product we make, you'll find a company-wide commitment to providing outstanding value and customer-focused innovation. We see ourselves as dedicated partners in driving performance and productivity for your rail fleet. Now that you've been able to look inside what goes into every **Miner** product, we hope you'll see it that way, too.

See us at InnoTrans 2022, **Hall 9, Booth 550**



IT'S WHAT'S INSIDE THAT COUNTS.

- LEGACY
- LEADERSHIP
- PROVEN PERFORMANCE
- PEOPLE
- PASSION
- ENGINEERING
- EXCLUSIVITY
- EXPERIENCE
- TRUST
- CONTINUOUS IMPROVEMENT
- INGENUITY
- MILLIONS OF MILES
- COMMITMENT
- GLOBAL EXPERIENCE
- TECHNOLOGY
- TOUGHNESS
- DRIVE
- RELIABILITY
- DEPENDABILITY
- SECURITY



Discover the difference inside original Miner equipment.

Inside every Miner brake beam and draft gear, hatch cover and gate, side bearing and running board...you'll discover a promise. An uncommon commitment to make a difference—in the performance of your fleet, in the protection of your commodity, in the productivity and efficiency of your car. It's a promise we've made and kept daily, for 125 years and counting. And it's why Miner is the most widely specified brand of railcar components in the industry.



- DRAFT GEARS
- CONSTANT CONTACT SIDE BEARINGS
- BRAKE BEAMS
- TECSPAK
- RAPID DISCHARGE SYSTEMS
- HATCH COVERS
- RUNNING BOARDS
- OUTLET GATES
- BALLAST/MOW OUTLETS



The Leader in Innovation and Technology. *Simple. Reliable. Proven.*

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