

Harsco Rail

Harsco Rail Showcases Innovation and Excellence at InnoTrans 2024



Harsco Rail, a global leader in rail maintenance and construction, is proud to announce our participation as an exhibitor at InnoTrans 2024, the premier international trade fair for transport technology.

Taking place from 24–27 September in Berlin, Germany, InnoTrans is the ultimate platform to showcase our latest advancements in rail treatment, surfacing, specialty machinery and technology solutions. We invite you to visit us at **Hall 26 / Booth 340** to

experience our innovative offerings designed to enhance rail operations worldwide.

Highlighting Our Cutting-Edge Products and Services

At InnoTrans 2024, Harsco Rail will present a curated selection of our most advanced products, providing attendees with an in-depth understanding of how our solutions can transform rail maintenance and operations.

1. Rail Treatment Solutions

Transit Switch Grinder: The Transit Switch Grinder is designed for precision grinding of curves, straight-lines, switches and crossings. This machine ensures the removal of surface defects, extending the lifespan of critical track components and maintaining optimal track conditions. It's offered as a module design of 10, 20 or 30 stone configurations.

Hercules Grinder: The Hercules Grinder offers robust grinding capabilities for heavy-duty rail applications. It effectively removes irregularities and restores the rail profile, enhancing ride quality and reducing wear on rolling stock. Offered in configurations from 20 stones to 120 stones.

2. Surfacing Solutions

TX16 Tamper: Increased productivity from start up to shut down – TX16 speeds up every aspect of the work day, safely. Cab deployable/stowable reference, integrated high-speed measurement, automated tamping and hybrid index combine to significantly increase overall productivity. The TX16 leverages Harsco Rail's multi-generational product, technology and service experience – safely delivering high production and accurate track correction within a reliable and versatile tamper.

Stoneblower: Our Stoneblower machine revolutionises track maintenance by injecting stone beneath the track to correct vertical track geometry. This innovative



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approach provides a longer-lasting solution compared to traditional tamping methods.

3. Specialty Machinery

Utility Track Vehicle (UTV): The UTV is a versatile machine designed for a variety of rail maintenance tasks. With its multi-functional capabilities, the UTV can handle tasks ranging from track inspection to emergency repairs, making it an essential asset for rail operators.

4. Protran Technology

Callisto Track Geometry Measurement System: The Callisto system offers state-of-the-art track geometry measurement, providing accurate and real-time data on track conditions. This system enables proactive maintenance, ensuring track safety and reliability.

5. New Track Construction and Track Renewal

P811 Track Renewal Train: The P811 is an all-in-one solution that revolutionises track renewal by combining old track removal and new track laying into a single, efficient process.

New Track Construction Machines: These machines ensure the highest standards in new track construction, from sleeper laying to rail positioning. Our technology ensures precise and efficient construction, leading to durable and reliable track infrastructure.

6. Advanced Capabilities

Aftermarket Services: Harsco Rail's aftermarket capabilities ensure that our customers receive comprehensive support and maintenance for all our products. Our dedicated team offers parts, training, and service solutions to maximise the performance and lifespan of your equipment.

Contracted Services: Our contracted services provide turnkey solutions for rail maintenance projects. From on track machine operations such as Grinders and Stoneblowers to large-scale renewal projects, Harsco Rail delivers expert service with a focus on quality and efficiency.

IRIS – Intelligent Rail Infrastructure System: IRIS is Harsco Rail's proprietary AI system designed to enhance rail maintenance through predictive analytics and real-time monitoring. IRIS leverages big data to predict maintenance needs, optimise resource allocation and improve overall operational efficiency.

Join Us at Stand 340 / Hall 26

We invite you to explore these innovations and more at our InnoTrans 2024 exhibit. Our expert team will be available to answer questions and discuss how Harsco Rail's solutions can be tailored to meet your specific needs.

Commitment to Innovation and Excellence

Harsco Rail's participation in InnoTrans 2024 underscores our dedication to leading the rail industry through innovation and excellence. Our comprehensive portfolio of products and services is designed to address the evolving challenges of rail maintenance, ensuring safety, efficiency, and sustainability.

Join Us at InnoTrans 2024

Don't miss the opportunity to discover how Harsco Rail's cutting-edge solutions can enhance your rail operations.

Visit us at in **Hall 26 / Booth 340** at InnoTrans 2024, and let's work together to shape the future of rail transport.

For more information visit our website www.harscorail.com or [click here to contact one of our team.](#)

