

20
24

IF RAILQUIP

Catalog

Products & Services

www.railquip.com



North America's Premier Railway Equipment Supplier

We are transportation and mobility experts. Railquip works tirelessly to provide efficient machinery and service solutions for the railway industry.

We believe in the power of rail to continue to change the future.

We connect our customers and nation's goals with more reliable, efficient, and sustainable equipment solutions.

IR RAILQUIP 40 YEARS

About us.

Table of Contents.

01

pag. 02

Railcar Movers

A complete line of railcar movers designed to move cars in and around shops and yards.

02

pag. 07

Lifting Equipment

Heavy duty lifts for servicing locomotives and railcars.

03

pag. 13

Railway Cranes

The world's strongest telescopic Railway Crane. Up to 172-Ton Capacity.

04

pag. 17

Rerailing Equipment

For rerailing cars and locomotives, solve derailments safely, quickly, and cost-effectively.

05

pag. 22

Turntables

For a variety of industries and applications, including construction sites, locomotive, rotating displays, & residential driveways.

06

pag. 27

Testing & Assembly Equipment

Cutting-edge testing and assembly equipment for railcar components that adheres to industry standards.

07

pag.31

Railshop / Railyard Equipment

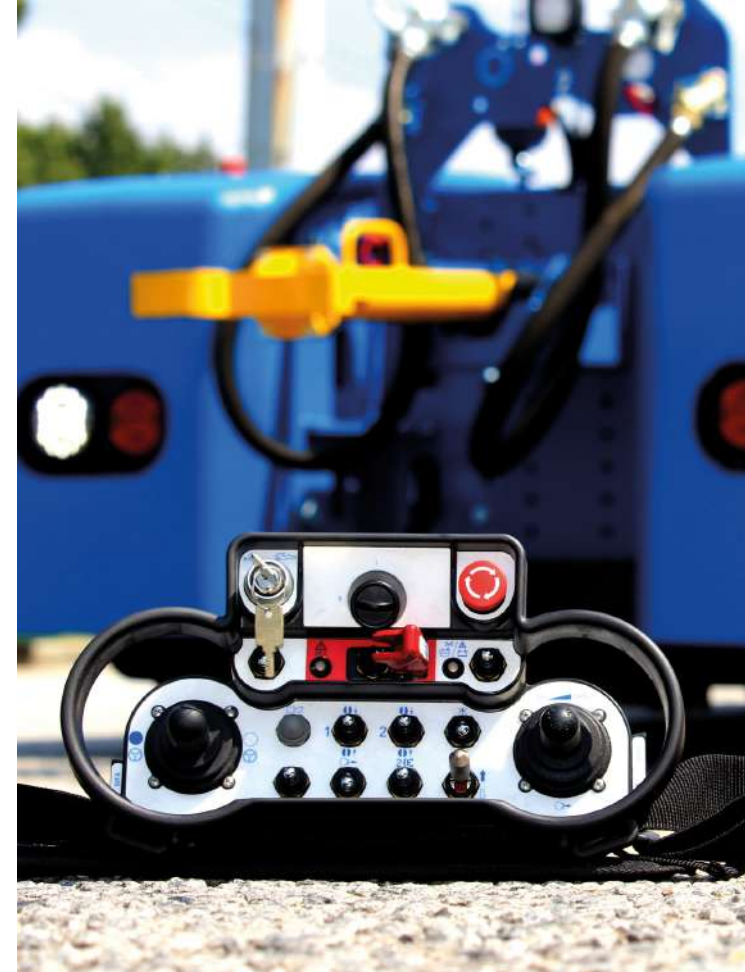
Enhance your railway shop operations with premium tools and equipment.

08

pag. 35

Service and Maintenance

We can cover the routine maintenance & emergency repair of all types of rail & automotive equipment.



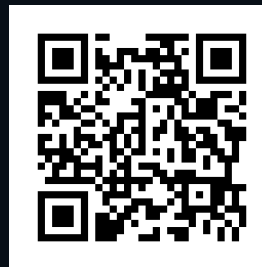
Railcar Movers

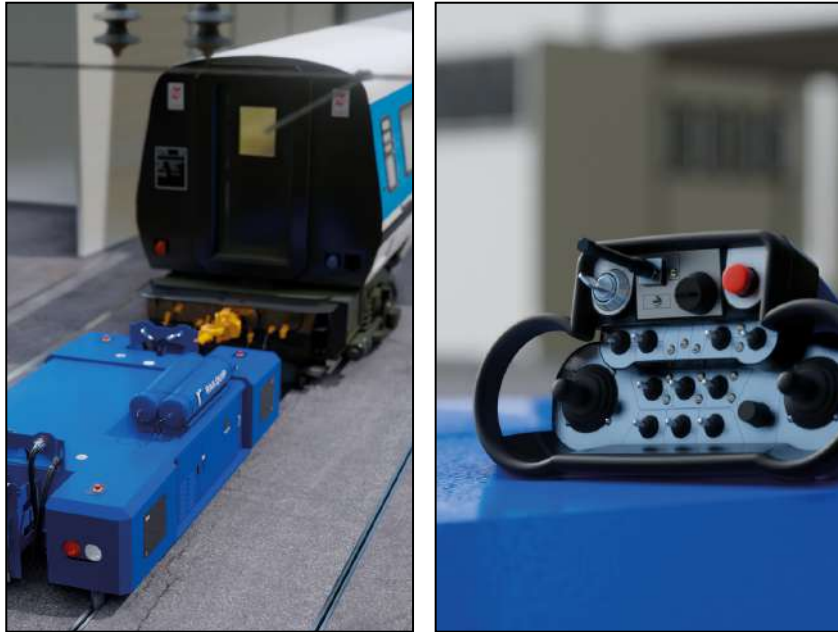
Exclusive Distributor for:

ZAGRO



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The most **efficient and safe railcar movers system** in the world.

1

Safety Enhanced

Some railcar movers can be operated remotely, improving operator safety in hazardous environments.

2

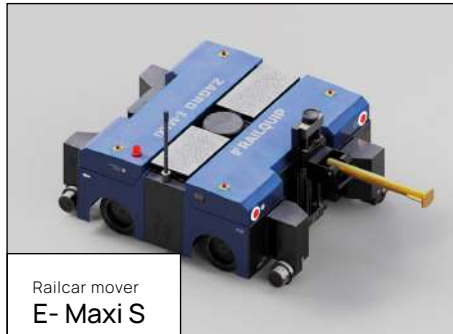
Cost Optimization

Railcar movers can lead to significant cost savings in terms of labor, maintenance, and fuel costs.

3

Environmental Compliance

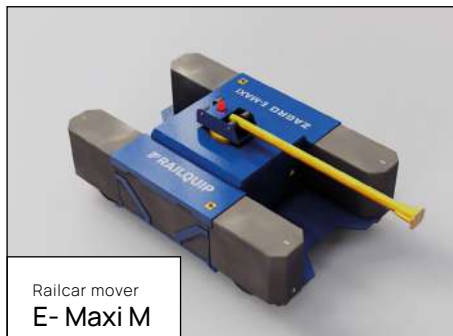
The Railquip battery powered railcar mover series offers emission-free operation in workshops thanks to the electric drive.



Railcar mover
E- Maxi S



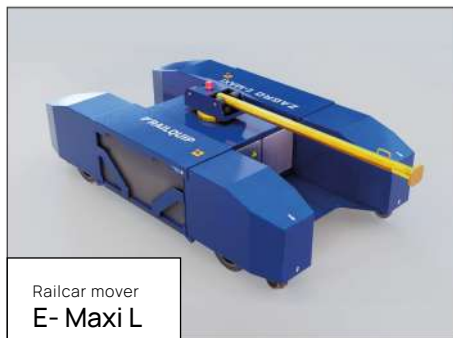
Railcar mover
E- Maxi XL



Railcar mover
E- Maxi M



Railcar mover
E- Maxi XXL

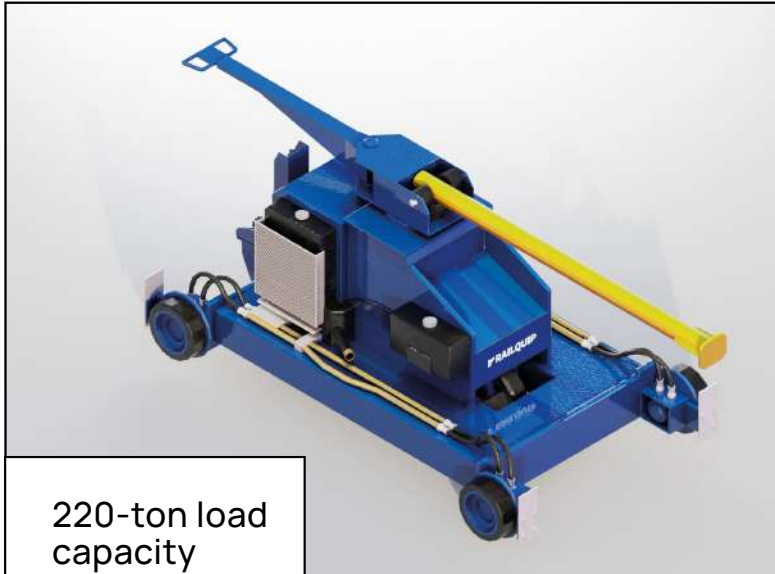


Railcar mover
E- Maxi L

Battery Powered Railcar Movers

The Railquip Battery Powered Railcar Mover Series offers emission-free operation in workshops thanks to the electric drive. It also offers patented rail guidance equipment, which allows easy on and off-tracking.

- Greatly reduced maintenance costs.
- Quiet operation (no noise pollution).
- “Green” design concept, no air pollution, and not affected by fluctuating fuel costs.
- Remote-controlled operation (optional).
Range: 1,200 feet.
- Capable of moving up to 2,000 tons on straight and level tracks.
- Extreme maneuverability: 360° on-spot turns, 90° side-to-side movement.



220-ton load capacity

LPG / Gas Maxi Railcar Mover

The Maxi Railcar Mover offers maneuverability, cost-effective operation, and multi-directional capabilities previously unknown in the railroad/rail transit maintenance shop. The expense of purchasing and maintaining large vehicle shunting equipment is virtually eliminated.

- Handles loads of up to 220 tons.
- Push or pull car mover.



Minimal maintenance

Forklift Powered Railcar Mover

An economical way to switch rail cars with superior component reliability. The Portable Railcar Mover is designed for a normal track gauge of 56.5". Due to its solid construction, the Forklift Powered Railcar Mover is almost maintenance-free.

- Operated by forklift trucks weighing 2 to 7 tons.
- Moving speed is 1.5 to 3.1 mph.



Case Study

BNSF - Railcar Mover System

Turnkey Supply.

- **Context & Goals:**

The current process to maintain the train wheels at BNSF was using unsafe practices and unnecessary pollution in the workshop.

- **Results:**

Our Railcar Mover allowed for BNSF to offer a safe and reliable solution for shunting locomotives over a wheel truing machine. The electric railcar mover we selected for this project is: E Maxi – L.



Lifting Equipment

Exclusive Distributor for:



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World's safest and most durable lifting jacks.

1

Exclusive Supplier in North America

We represent the world's premier manufacturers with superior engineering and quality standards. Our commitment is on advancing American railways operations with faster, safer and reliable equipment technology.

2

Safety Enhanced

Our tools are engineered to enhance the safety and reliability of your lifting tasks, ensuring that your operations run smoothly and securely. Including features like: load sensors, nut wear detection, steel safety follower nut and automatic lubrication.

3

Easier to Maintain

Our lifting equipment is designed to allow for enough height and space for maintenance procedures, this means you don't need to take an extra effort by buying or creating self-made height extensions. Our lifting equipment can save you money and reduce risks.

4

Durability & Extended Warranty

Our lifting equipment's standard lifetime goes up to 30 years. All equipment includes a 2 year warranty. Quality assurance: according to ISO 9000.

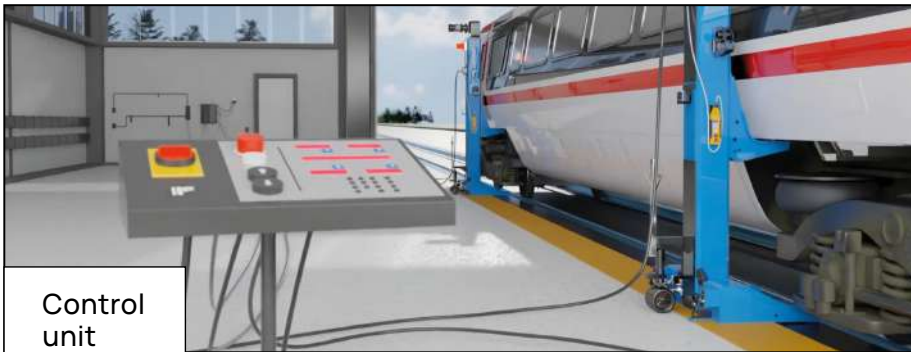
5

Environmental Compliance

We offer a range of lifting equipment that not only optimize space but can contribute to achieving your sustainability goals with emission-free operation.



Pendant controller



Control unit



Load detection

Portable Jacks

Portable electric jacks for the rail transit/railroad industries are normally supplied as a set of four (4) lifting columns (or multiples as required) controlled by a Central Control Console. Each jack is equipped with a fixed or horizontally movable lifting cantilever. The columns are movable by hand or may be designed to be moved electrically on an embedded auxiliary rail.

■ Practical & easy to move

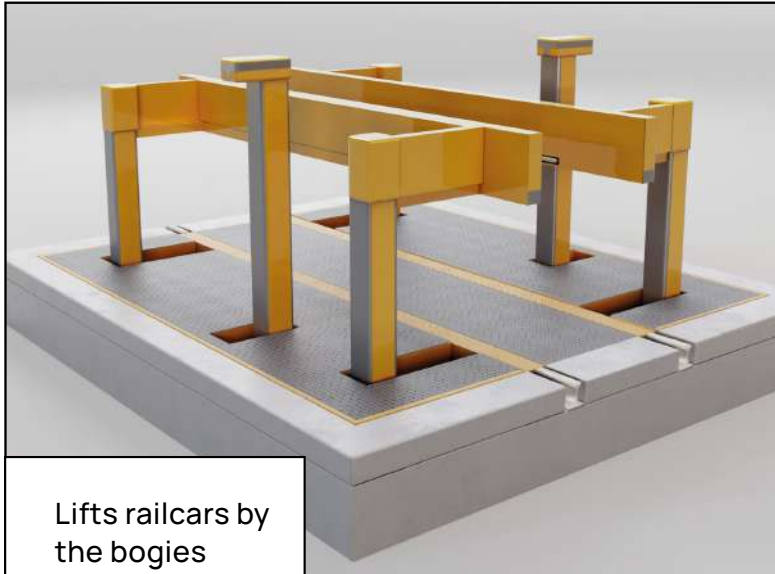
- This can be done by hand, with a forklift or even with an overhead crane.
- Unbeatable spare parts and service pricing. All jacks lifetime is typically up to 30 years.

■ Control unit

- Equipped with emergency stop & deadman push button for operation. Expandable units to add extra control panels.
- Valuable diagnostic information available, as well as each jack's current lifting height.

■ Pendant Controller

- Provided on each jack for individual operation until lifting arm is in contact with load.
- Displays height of jack and includes E-stop pushbutton.

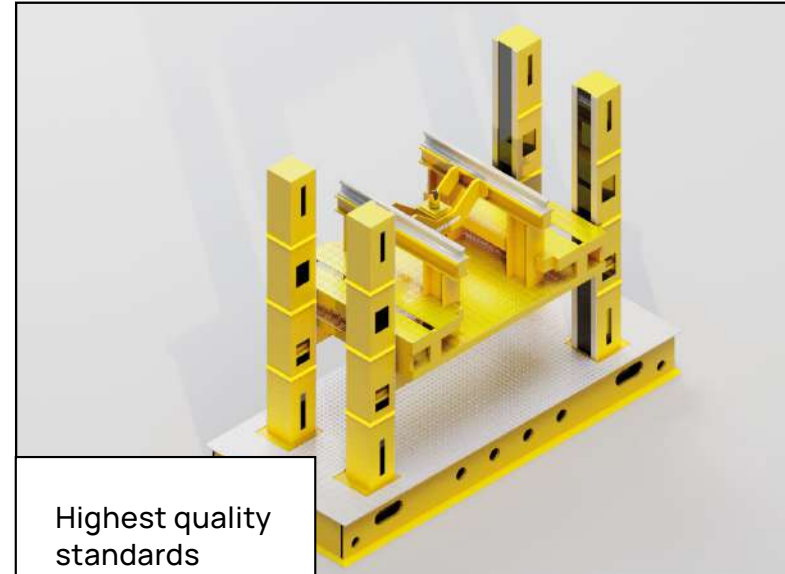


Lifts railcars by the bogies

Underfloor Car Hoist & Body Supports

The car/truck hoist is designed for lifting bogies for maintenance, inspection, and repair work. The equipment usually consists of 4 car hoists, 8 body stands, and a complete electrical kit. Each hoist and stand comes with high and low limit switches, including emergency limit switches.

- Successive emergency limit switches and an automatic stop.
- Quality assurance: According to ISO 9000.
- Lifting power: 2 x 4.8 HP = 9.6 HP.



Highest quality standards

Single Axle Drop Table

The drop table is used to release, lower, and transfer all single axle traction motors from any locomotive to and from a service track or multiple service tracks to a release area for replacement.

- Designed and fabricated to achieve smooth, quiet, convenient, and efficient operation.
- Numerous safety and self-monitoring features included.
- Full truck drop tables also available.



Coupler Lift System 50-Ton

The lift is positioned by a forklift underneath the couplers of two railcars or under the body of a railcar with a high centersill. It is hydraulically operated with a remote control equipped hydraulic pump unit.

- Hydraulic pump unit with remote control.
- Lifts fast, efficient, and safe.
- A3-speed power shift with electronic controls.



Heavy Duty Mobile Support Stand

The support stand has a capacity of up to 15 tons with a cradle support pad. The stand is adjustable from 49 inches to 71 inches, in increments of four inches (4). The cradle support pad is fitted on a screw/nut irreversible device to allow the fine adjustment of the stand pad under the load.

- Other capacities available.
- Variable support heights possible via telescoping column design.
- Easy to move with 3 spring supported rolling wheels.



Case Study

WMATA - Washington

Metropolitan Area Transit Authority.

■ Context & Goals:

Replacement of drop table system for locomotive bogies. WMATA's existing stationary drop table at the Shady Grove S&I was needing a prompt and cost-effective replacement.

■ Results:

We custom designed a solution to fit WMATA's existing equipment pit, installed in a shorter time period than the rebuild was going to take.





Railway Cranes

Exclusive Distributor for:



Our cranes are suitable for:

- Railway underpasses
- Railway bridges
- Substations
- Trackside railway structures



The world's strongest
telescopic railway crane.

1

Designed to Fit the Purpose

Any technical data can be modified at the design stage if the progress allows for the requested modifications can be equipped to operate in super elevated curves under full capacity.

2

Stability & Safety Features

The cranes can be equipped with advanced stability and safety features to keep the crane's center of gravity point and ensure the protection of both personnel and machinery.

3

Preventive Maintenance - Troubleshooting & Repair

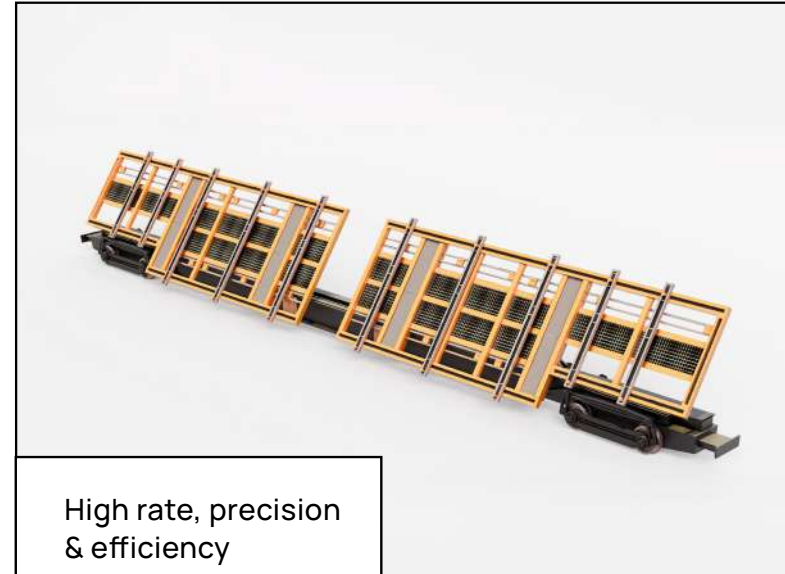
We offer turnkey service and preventive maintenance. Our dedicated service team will collaborate with yours to keep your operations running smoothly, preventing downtimes and unexpected issues.



Up to 172-ton capacity

Railway Crane

- **High Lifting Capacity:** Engineered to handle substantial loads with a lifting capacity of up to 172 tons, railway cranes are ideal for heavy-duty applications such as installing large track sections and infrastructure components.
- **Advanced Maneuverability:** The railway crane's advanced mobility feature allows it to navigate tight spaces and operate efficiently under overhead electric lines, ensuring precise placement of materials and components.



High rate, precision & efficiency

Switch Tilter

- **Mobility and Adaptability:** The switch tilter is designed for easy transportation and setup, allowing it to be quickly deployed. Its compatibility with different railway cranes and vehicles ensures flexibility for diverse project needs.
- **Robust Construction:** Built with high-strength materials and designed to withstand harsh working conditions, the switch tilter can handle substantial loads and is suitable for demanding railway applications.



Case Study

AMTRAK

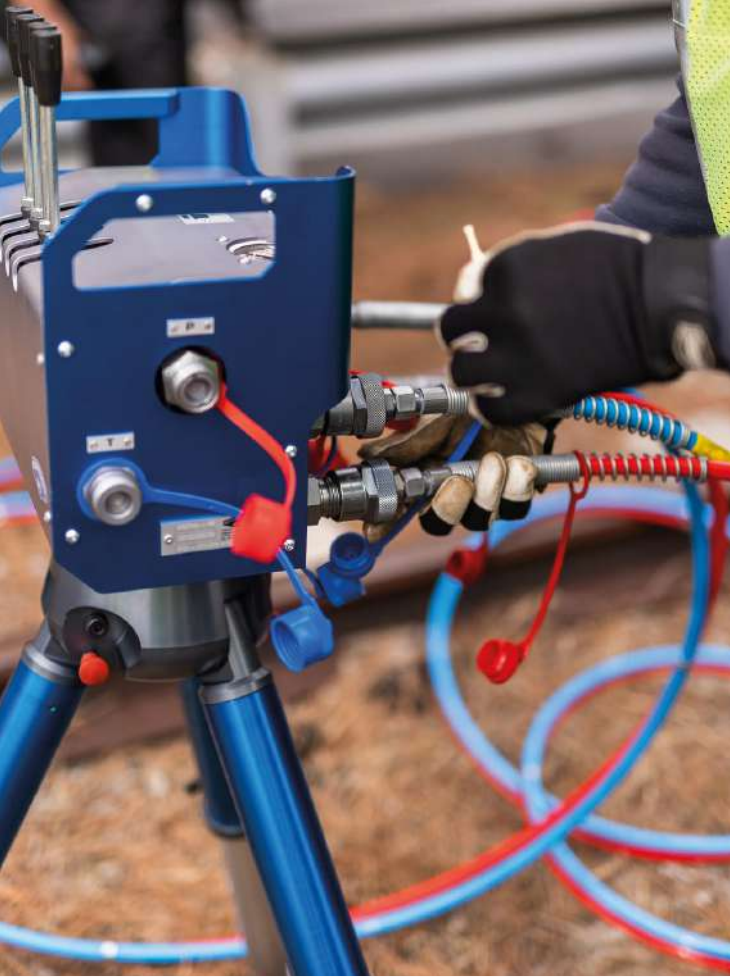
110-Ton Railbound Railway Crane & Tilt Cars.

■ Context & Goals:

AMTRAK required a specialized 'Railbound Tunnel Crane' for the NY Penn Station Rehabilitation Project, specifically to work within the clearance envelopes established by AMTRAK and be able to operate beneath and in New York Penn Station tunnels under catenary. In addition, for loading/unloading track and switch panels traveling to locations at speeds up to 60 mph (100 km/hr) for precise orientation and placement in right-of-way while maintaining level load.

■ Results:

Railquip, along with our technology partner and OEM crane builder GK Rail Service, worked together with AMTRAK to design the custom 110-Ton Railbound Railway Crane, Tilt Cars and Lifting Fixtures. The Equipment was designed, custom built, and delivered to AMTRAK Wilmington Yard, Wilmington, Delaware USA, during and overcoming the challenges caused by the global covid pandemic, and supply-chain limitations caused by the Russian-Ukraine war in Europe.

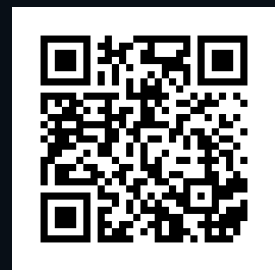


Rerailing Equipment

Exclusive Distributor for:



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Safest rerailing equipment
in the Americas.

1

Portable & Safe

We are the exclusive supplier of Portable Hydraulic Rerailing Equipment to solve rerailing problems safely, quickly and cost-effectively due to its unique lightweight and easy operation features.

2

Designed to Fit the Purpose

We can customize any technical data at the design stage to fit your operation needs and purpose.

3

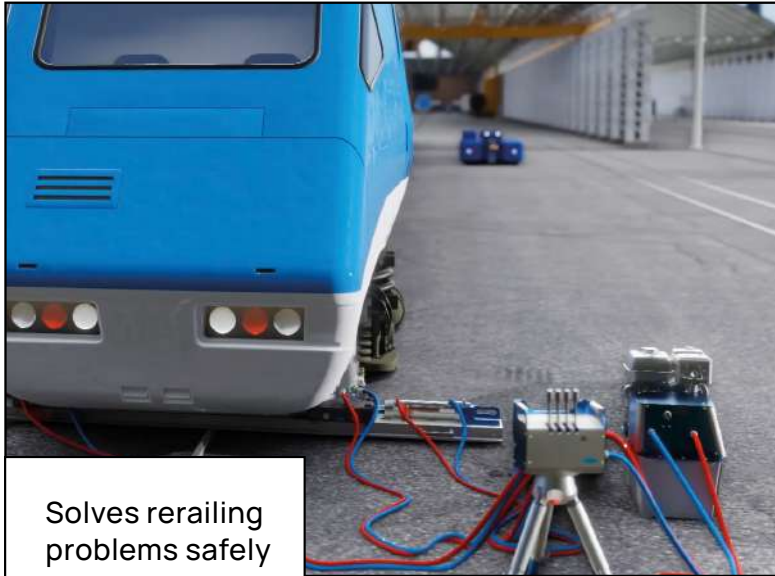
Save on Maintenance Cost

Thanks to its long-term durability, our new equipment offers a significant reduction in maintenance costs.

4

Turnkey Service & Troubleshooting

We offer turnkey service and preventive maintenance. Our dedicated service team can engage in preventive checkups of your equipment to extend the lifespan, prevent downtimes and unexpected issues.



Solves rerailing problems safely

Portable Hydraulic Rerailing Equipment

- Cost effective and lightweight.
- Features an integrated base plate for excellent stability as well as a reliable safety valve.
- Custom designed packages are available depending on the type of rolling stock.



Support axle loads of 35 tons

Locked Axle Dollies / Portable Wheel Dolly

- Supporting axle loads of 35 tons at 20 mph and intermittent loads of 75 tons at 10 mph.
- Custom-made for either light rail or heavy rail vehicles with single or dual motor trucks.



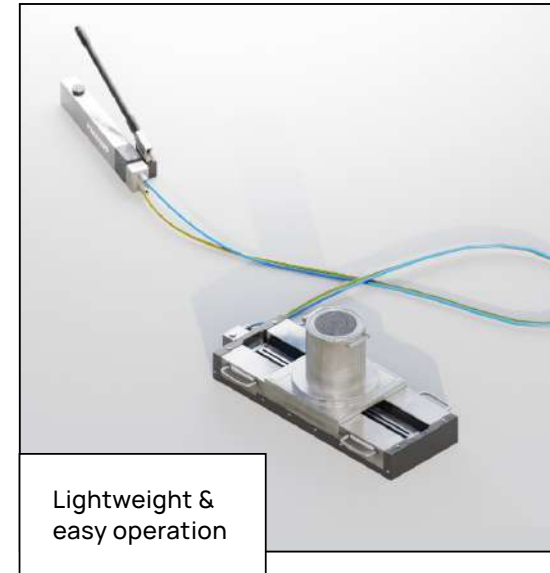
Rerailing Equipment Trailers

- Designed to carry loads of up to 9,500.
- Suitable for being towed on both roads or rail tracks.
- Suitable for a nominal track gauge of 4' 8-1/2".



Rerailing Equipment Containers

- Equipped with forklift slots and lifting eyes at each corner.
- Fabricated with mild steel material ASTM A36.



Compact Rerailing Unit

- Easy to transport to site thanks to small dimensions and light weight.
- For handling minor derailments.
- For rerailing Track Maintenance Equipment and LRVs quickly and safely.



Case Study

MTA (LIRR)

Long Island Railroad.

■ Context & Goals:

LIRR was looking for a safe and efficient way to rerailed trains because they were having several derailments throughout the year that required costly contractors.

■ Results:

Thanks to our portable hydraulic rerailing equipment and the provided training, LIRR has been successfully rerailing through over 30 years, keeping it in house.

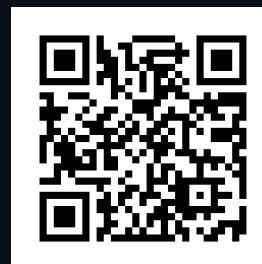


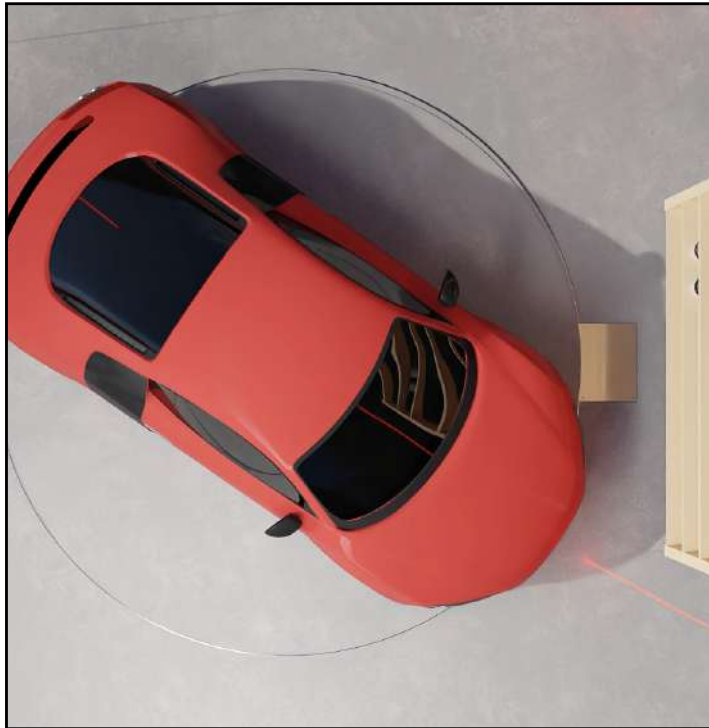
Turntables

Exclusive Distributor for:



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Choosing us means choosing practical and innovative solutions that help **maximize space and enhance efficiency.**

1

Space Optimization

Turntables simplify cars and truck movements to get in and out of a property or project, increasing the available space for more valuable uses.

2

Increased Safety

Driver's blind spot risk associated with reversing maneuvers will be completely eliminated with a turntable.

3

Customizable Options

To stand out or blend in, our turntables can have multiple customizable options including dimensions, weight capacity, extra safety features and custom finish.

4

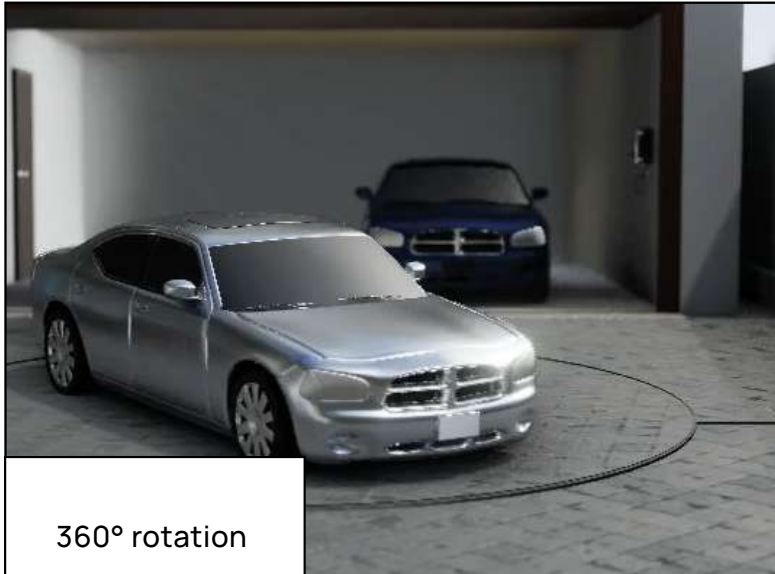
Easy Installation

We provide turnkey installation service for a seamless experience.

5

Versatility

Residential, commercial or industrial. Our turntables have been carefully designed with purpose to serve almost any type of application.



360° rotation

Car Turntables

A modern and innovative parking solution that will help car owners to easily maneuver their vehicles in and out of tight spaces. With the ability to rotate a car 360 degrees, the car turntable allows for seamless parking, even in the most challenging environments.

We combine cutting-edge design with practicality to offer a versatile range of turntables, accommodating any size and capacity for residential, commercial, and industrial purposes.

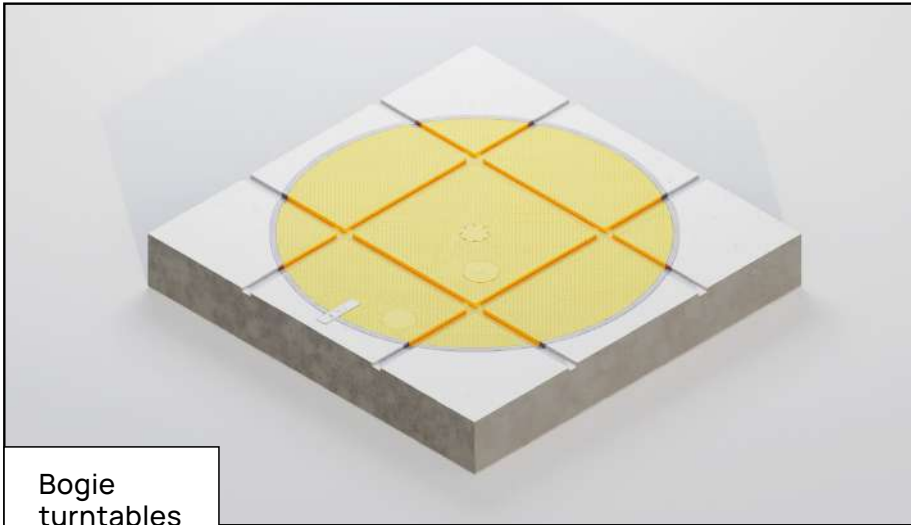


Optimize space

Truck Turntables

Heavy vehicle turntables are sturdy and built to last. Design to enhance safety and optimize space in construction projects, tunneling & mining, loading dock operations and many others.

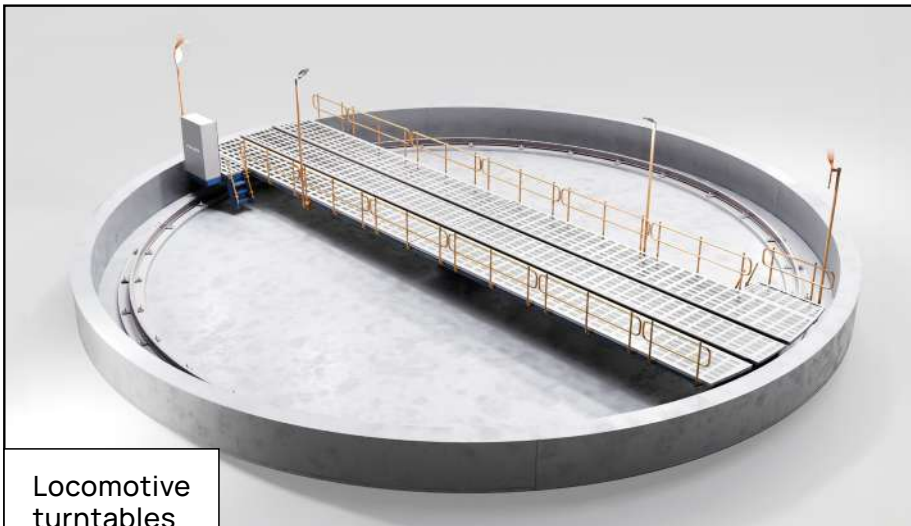
Understanding the diverse needs of heavy-duty transportation, we offer customized solutions that are as robust as they are versatile. Our truck turntables are not only designed to sustain significant weight and frequent use but are also tailored to fit the specific requirements of your operation.



Bogie
turntables

Bogie Turntables

Designed to optimize the maintenance workflow within facilities by redirecting the bogies between work line and service line in a simple turn.



Locomotive
turntables

Locomotive Turntables

The pinnacle of engineering excellence, experience the ease and simplicity of turning locomotives 360 degrees without the need for extra railyard space.

Case Study



Bay Area Rapid Transit Authority
Railcar Turntable

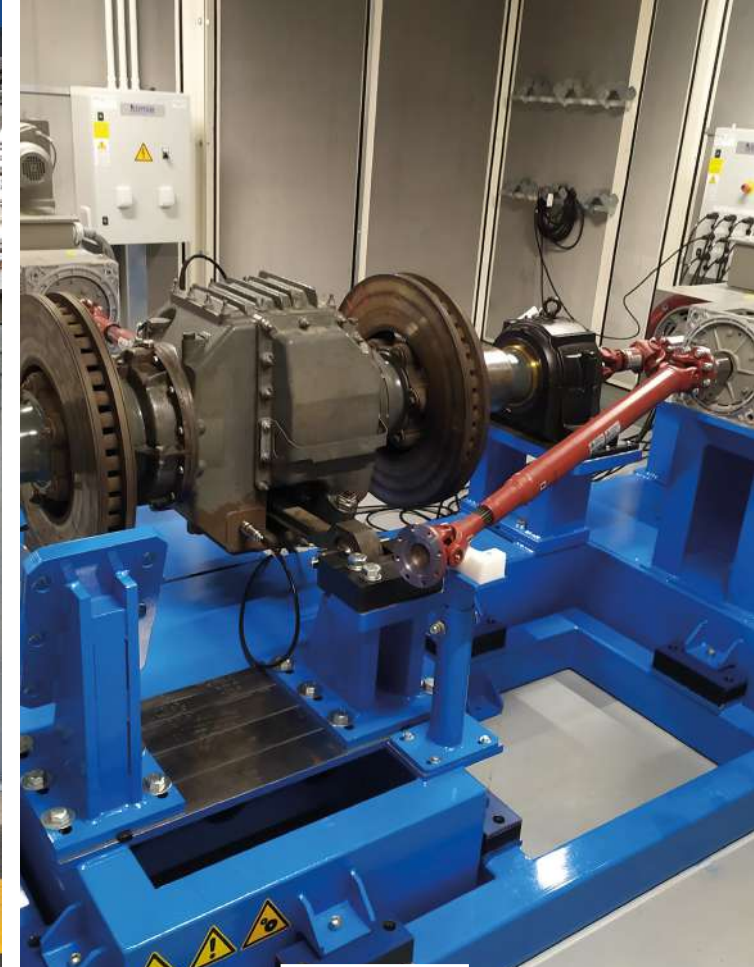
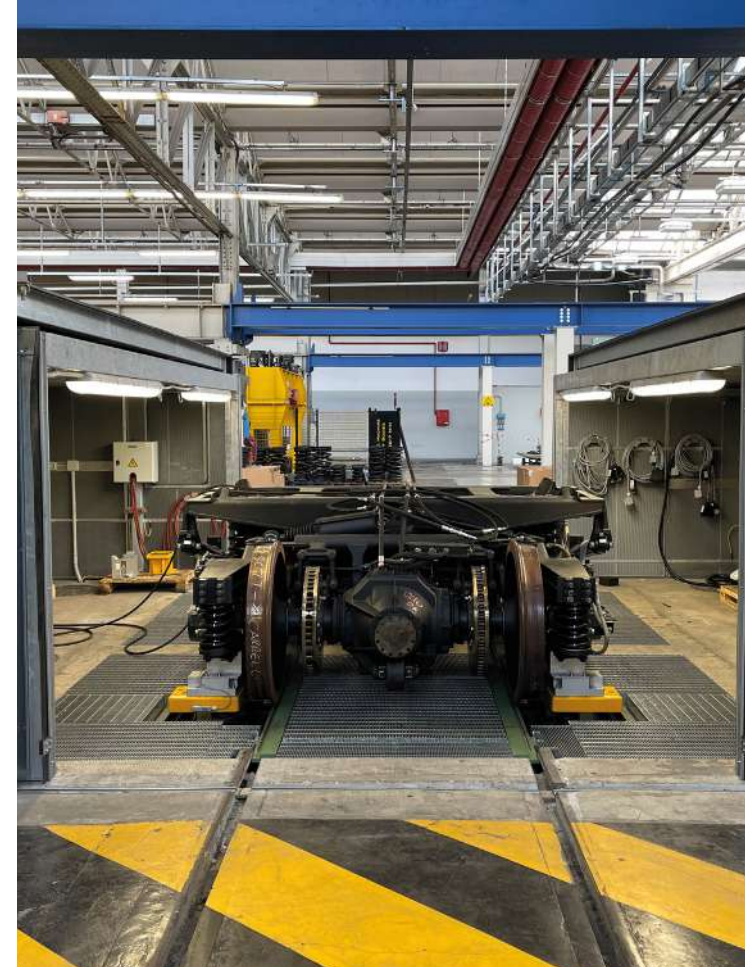
- **Context & Goals:** With an established maintenance system featuring multiple tracks a gap existed in an existing railyard where the directional change of railcars lacked a viable solution.
- **Results:** Deployment of our Automated Railcar Turntable boasting a substantial 72-foot span to accommodate railcars with a robust 50-ton capacity, allowed railcars to be rotated 180 degrees in a quick, automatic process.

Case Study



TLC Casino Enterprises, Inc.
Rotating Bar Floor

- **Context & Goals:** Our task was to design, manufacture, & install a rotating bar floor in an existing 2nd-floor restaurant, taking into consideration the limitations imposed by the existing building structure, which imposed restrictions on weight and height.
- **Results:** The resulting solution was a rotating bar floor with a 32ft outer diameter & a 20ft inner diameter. It maintained a height of 12" and was constructed from aluminum to minimize overall weight.



Testing & Assembly Equipment

Exclusive Distributor for:



- Our range includes advanced truck pressing & testing solutions, from basic presses to fully automatic stands, equipped with optional remote diagnostics for maximum efficiency.



Ensure reliability, compliance, & efficiency at every stage.

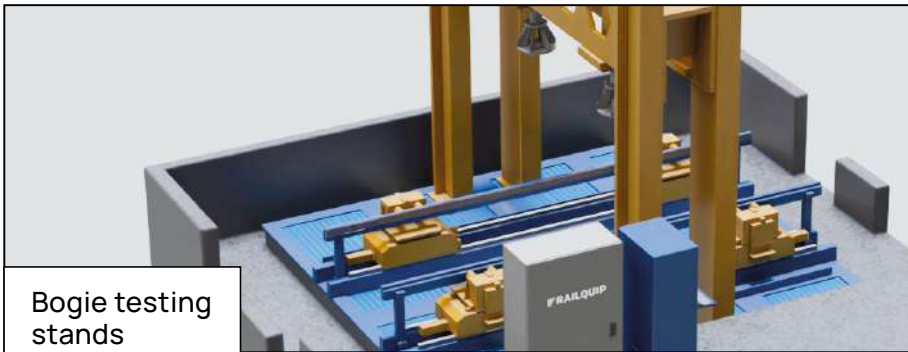
Trusted by North America's leading rail & transportation companies and in partnership with global leading manufacturers, at Railquip we offer cutting-edge testing & assembly equipment in adherence to industry standards.

Our range includes advanced truck pressing and testing solutions, from basic presses to fully automatic stands, equipped with optional remote diagnostics for maximum efficiency.

Safety is our top priority as we offer a range of high-quality equipment tailored for the railroad industry, including truck testing, brake testing, bogie testing, damper testing, spring testing, and wheelset presses. Each of our products is meticulously designed to ensure optimal performance, reliability, and seamless integration into rail operations.



Truck testing benches



Bogie testing stands



Brake testing benches

Test Benches

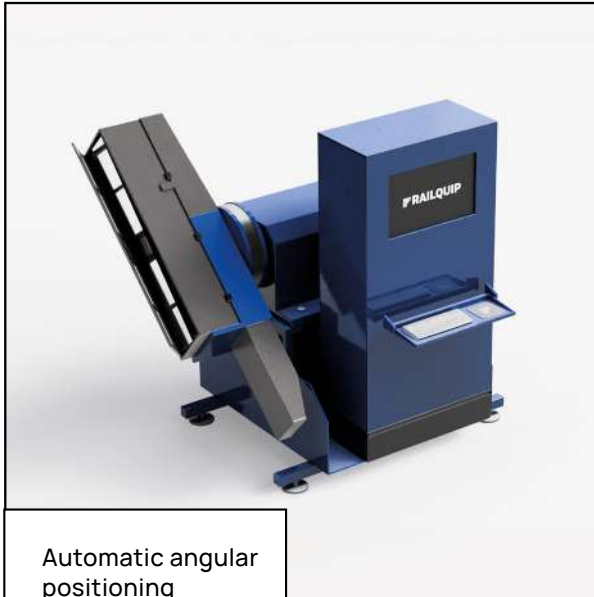
Explore our diverse range of truck pressing and testing equipment, from basic presses to fully automatic testing stands.

Truck Testing

The tests carried out on our platforms cover the entire industrial process: from the production phase through to maintenance, enabling the identification of solutions aimed at ensuring absolute product quality.

Brake Testing Equipment

Specialized equipment dedicated to precise brake testing, ensuring optimal performance and safety.



Automatic angular positioning

Damper testing

Uncover our expertise in damper testing, essential for maintaining optimal ride quality and performance.



Automatic testing

Spring testing

Precision spring testing solutions to ensure the resilience and durability of critical components.



With RACOS - software

Wheelset presses

Our wheelset presses deliver the force and precision needed for efficient assembly processes.

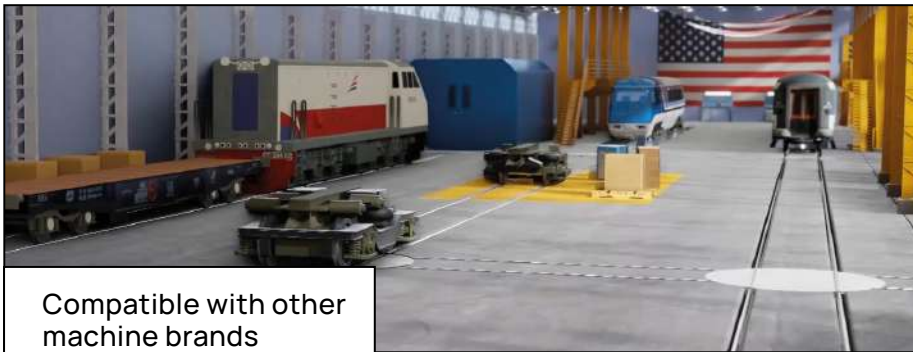


Railshop / Railyard Equipment

- Large range of products
- Compatible with other machine brands
- Outstanding customer service



Long range of products



Compatible with other machine brands



Outstanding customer service

With a focus on durability, reliability, and performance, our equipment is trusted by the railway industry worldwide.

As North America's Railroad equipment specialist we offer a comprehensive range of railshop and railyard equipment designed to enhance the efficiency and safety of your rail operations.

- **Forefront technology:** We represent the world's premier manufacturers with superior engineering technology.
- **Durable & reliable:** Durable, high-performance equipment that's built to withstand the rigors of railway maintenance.
- **Environmental compliance:** We are experts sourcing for environmentally friendly machinery & materials to support emissions reduction and compliance.



Comfortable operator cabs

Mobile & Stationary Train Wash Units

- 90% water recovery for re-use.
- Lithium battery powered for longer working cycles and quick recharging.
- Training of operating personnel.



Environmentally friendly

Mobile Bogie Lift Carts

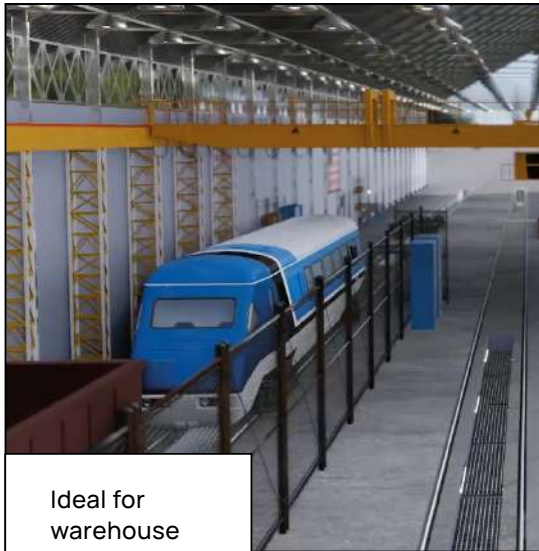
- U-shaped lifting frame for easy maintenance access while positioned under raised railcar.
- Battery powered, rail guided travel.
- Integrated wheel chocks.



No reading errors

Switch Inspection Systems

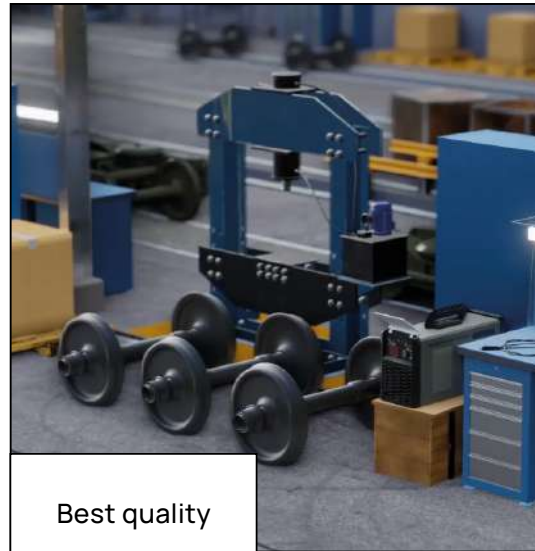
- Flexible, mobile, reliable, one-person operation.
- PTP is resistant to any electromagnetic effects and can be used in any weather.



Ideal for
warehouse

Overhead cranes

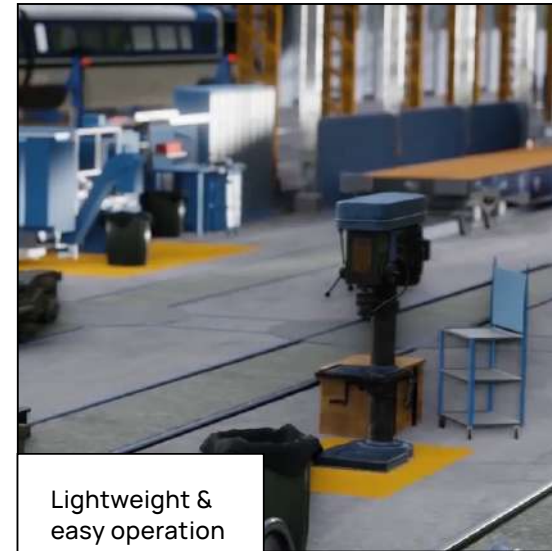
Safely and efficiently lift and move heavy components such as locomotive engines, bogies, and railcars.



Best quality

Hydraulic presses

Designed for a variety of heavy-duty applications such as straightening and bending rails, pressing bearings into wheel hubs, and assembling or disassembling components.



Lightweight &
easy operation

Drill Vertical Table

A stable platform for drilling operations, ensuring accuracy and precision for drilling holes in components such as rails, sleepers, and other structural elements.



Service & Maintenance

- 40+ years of experience in servicing railroad & automotive maintenance equipment. We cover both routine maintenance & emergency repair for rail shop equipment from multiple manufacturers.



Railquip is a provider of turn-key machinery installation as well as servicing all types of rail & automotive maintenance equipment.

Our expertise covers a wide range of equipment, including hoists, turntables, transfer tables, drop tables, automotive turntables, and more.

- **After sales service:** Your equipment is a considerable investment. Our team of experts covers: customer service, maintenance and inspections, installation and installation supervision, equipment servicing, on-the-spot operation and maintenance training, and know-how transfer and periodic service contracts.

- **Repair & spare parts:** We carry common spare parts and the necessary special tools for testing machines. Repairs must be performed efficiently and with the proper technical expertise to ensure minimal issues in the long-run. If on-site repair is required, we can provide you with an upfront estimate of costs prior to delivering the service.

- **Services & turnkey maintenance:** Our team covers the following fields:
 - Design Of Maintenance Facilities
 - Installation & Installation Supervision
 - Project Management
 - Commissioning
 - Training Of Operating & Maintenance Personnel
 - Periodic Service Contracts

IF RAILQUIP

Contact us directly for
detailed specifications &
our expert advice



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Catalog

Products & Services

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