

The Future of Rail Delivery Is Here!

Advance your PSR Pursuits with this Powerful Technology



HERZOG

Herzog's Innovative Technology Disrupts Traditional Rail Delivery

Moving thousands of miles of continuous welded rail from steel plants to jobsites across North America has always been a time-consuming and labor-intensive job.

Herzog takes rail delivery to a new level with a powerful equipment combination engineered for safety, productivity, and reliability. When operated together, Herzog's Rail Unloading Machine (RUM) and Automated Tie-down Car® (ATC) are a revolutionary choice for railroads focused on maximizing PSR opportunities.

A Dynamic Combination Engineered for PSR-Focused Operations

Herzog's ATC works in tandem with the RUM to automate the rail delivery process. The ATC secures CWR to most existing rail train configurations with more power and faster operation than conventional systems – all controlled remotely with no risk of injury.

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Rail Unloading Machine (RUM)

Road-to-rail alternative to a conventional winch car for precise rail placement with no human contact



Automated Tie-Down Car (ATC)

Remote-controlled ATC provides unparalleled loading and unloading flexibility and safety with no ground personnel



PRECISION TECHNOLOGY THAT DELIVERS FROM START TO FINISH



Rail Loading at Plant

- Clamp opens
- Rail is loaded in rail pocket
- Rail is secure and undamaged in clamp
- Clamp closes



Rail in Transit

- Rail is secure in transit with fail-safe, mechanical holding power



Rail Unloading at Project Site

- Remote is used to select the rail pocket on the ATC
- Clamp unlocks and opens; rail is threaded into the RUM
- Unload rail onto the ground



PSR Results

- More efficient
- No injuries
- Reduced labor
- Flexible rail loading/unloading sequencing
- Versatile scheduling and equipment deployment
- Exceptional reliability

Herzog's RUM and ATC

This Combination Executes Rail Delivery to Exacting Standards

Unlock the Power of these Operational Advantages:

- Eliminate exposure to virtually all hazards.
- Complete work in shorter windows so there's more time for revenue trains.
- Choose a solution customized to your operation and engineered for multiple CWR train configurations, including 4 x 10, 5 x 8, 5 x 10, and others.
- Gain maximum operations flexibility to adapt to evolving work conditions.
- Replace inefficient, manual processes with bottom-line savings.

The choice has never been more clear. Herzog's ATC combines with the RUM to execute rail delivery with the power and precision necessary for PSR operations.

Team Herzog is ready to revolutionize your rail delivery.

Now Rail Delivery Can Be Perfectly Executed, Even When It's Not Perfectly Planned.

Rail Delivery Factors	Conventional Tie-Down Car	Automated Tie-Down Car (ATC)	Impact of RUM-ATC Combination
SAFETY			
Exposure	- Hands-on, manual process - Requires mounting/dismounting rail cars	Zero human exposure, automated via remote control	Fail-safe process with no exposure
Injuries	High injury risk	Zero risk/zero injuries	Perfect safety record
Rail-holding Mechanism	Manually applied bolts and plates required to secure rail	- Mechanical system clamps/unclamps rail - Provides consistent, secure holding force	Automated process with no rail damage or slippage in transit
PRODUCTIVITY			
Loading at plant	- Approximately 2 minutes per rail - Slow, cumbersome to sequence and bolt in rail - Extensive planning necessary for sequencing rail delivery	5 to 10 seconds per rail - Fast and flexible - No load sequencing required	- Faster loading with no additional time to plan/sequence rail on cars - Controlled remotely
Unloading at jobsite	- Approximately 5 minutes per rail - Hands-on - Tie-down personnel use air compressors with air-operated impact wrenches to unscrew 4 bolts and 2 plates per rail	- Approximately 5 to 10 seconds per rail - Hands free - Controlled remotely from RUM	- Fast, all rail types - Unload remotely, precisely where needed, no matter where rail is on the CWR train - Straight, curved, and transition rail does not require sequential unloading
RELIABILITY			
Rail Placement	Unreliable	- Unloading flexibility - Hands free	- Precision 2 CWR sticks simultaneously - Option to cross pull
Maintenance	- Rarely receive regular maintenance - Often requires maintenance upon arrival - Impact wrenches can be lost or broken	- Fully maintained by Herzog 99% uptime dependability	- No delays - No additional maintenance resources required
LABOR			
Personnel requirements	- Labor-intensive, manual process with multiple layers of tools - Inflexible scheduling	- No additional personnel required - Flexible to accommodate schedule changes	Automated process results in reduction of operating personnel

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