



CRANEMASTERS®
RAILROAD EMERGENCY AND CONSTRUCTION SERVICES



Retarder Replacement and Installation

Engineered Installation for Complex Hump Yard Projects

Over 30+ years of experience replacing retarders with purpose-built equipment that minimizes disruption and maximizes installation efficiency.

CRANEMASTERS

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**Emergency 24/7/365
800-624-0543**

Cranemasters' innovative equipment and strategic systems operations reduce railroad operations downtime. Our cranes pick and carry assembled large retarder structures so you can build them where it makes the most sense in your yard.

Those same efficiencies keep jobs like retarder replacement, complex track installation and repair, load adjustment and transfer, and railcar and locomotive maintenance and repair under control, predictably reducing your total cost of ownership.

Built for Railroad Operations

Retarder replacements are more than lifting projects—they're carefully coordinated railroad operations. Cranemasters works within scheduled outage windows, collaborates with railroad Communications & Signals personnel, and uses equipment designed to give railroads greater flexibility in how and where assemblies are staged and installed.

Why Railroads Choose Cranemasters

- 30+ years of retarder replacement experience
- Scheduled installations planned around railroad operations
- Experienced crews familiar with hump yard environments
- Purpose-built equipment designed specifically for railroad work
- Flexible installation methods that reduce operational constraints

Cranemasters Delivers

- Reduce outage duration
- Improve jobsite safety
- Minimize lifting and handling
- Protect surrounding signal infrastructure
- Install larger assemblies with greater precision

Purpose-Built Makes the Difference

Rather than requiring railroads to adapt to the limitations of conventional lifting equipment, Cranemasters adapts its equipment to the needs of the project.

Our railroad-specific cranes and engineered lifting systems allow crews to:

- Pick and carry assembled retarder structures
- Transport larger assemblies longer distances
- Assemble components where it's most convenient
- Maneuver around and under existing railroad infrastructure
- Reduce stress placed on fabricated structures during installation

Conventional Methods	Cranemasters
Multiple lifts	Fewer lifts
Large stationary cranes require complex assembly on-site disrupting adjacent track traffic and delaying start of work	Purpose-built railroad crawler cranes pick and carry across yards under overhead obstructions and around ground barriers
Equipment determines assembly location	Railroad determines assembly location
More handling	Less handling
More operational constraints	Greater operational flexibility



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Cranemasters Railroad Services:

- Emergency Derrailment
- Track Construction & Repair
- Railcar Maintenance & Repair
- Design & Manufacturing
- Load Adjustment & Transfer
- Natural Disaster Response
- Heavy Equipment Recovery
- Complex Track Panel Installation
- Bridge Span Replacement

Cranemasters is a full-service railroad contractor uniquely equipped to work with all Class I, regional, and short-line railroads, and rail-connected private industrial siding operations. Since its inception, the company has charted a steady course of growth and innovation, offering expert railroad construction and emergency services. The company's success is rooted in a steadfast commitment to excellence, encapsulated in a "no shortcuts" philosophy that permeates throughout its talented and experienced employees. Cranemasters is the industry's leading manufacturer of purpose-built railroad heavy-lift equipment and developer of safe and efficient processes for the industry's toughest challenges.