



AMECO

AMERICAN EQUIPMENT COMPANY

***INTERNATIONAL SUPPLIER OF
RAILWAY EQUIPMENT***

AMECO

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INTRODUCTION

American Equipment Company (AMECO), services railway clients worldwide, and is one of the most diversified suppliers of railway maintenance of way equipment in the world. Company headquarters are located in Boca Raton, Florida with sales and service office throughout the world including Australia.

AMECO is proud to contractually represent many internationally recognized suppliers of railroad maintenance of way equipment, including Nordco, Rail Construction Equipment, Stanley Hydraulic Railroad Tools, Teleweld, Encore, and IPS Cranes.



STANLEY

TELEWELD

IPSCRANES

RCE



Nordco®

IPSCRANES

RCE
UNIT

STANLEY®

AMECO

TELEWELD

BADGER
EQUIPMENT COMPANY
Custom Built In America. For Today. For the Future.



Encore®
Rail Systems, Inc.

AMECO

AMERICAN EQUIPMENT COMPANY

A WORLDWIDE PRESENCE



AMECO

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STRATEGIC AUSTRALIAN PARTNER

gbs Railroad and Mining Services

Sales Office:

■Street Address:

Unit 1, 8 Resource Way

Malaga

WA 6090

Postal Address:

PO Box 916

Mount Lawley

WA 6929

Telephone:

08 9249 4220

Mobile:

0438 855 011

Fax:

08 9249 4227

Email:

glenn@gbsrailmining.com.au



NORDCO MAINTENANCE OF WAY EQUIPMENT

Nordco is an internationally recognized supplier to the Class 1's, regional and short-line railroads, public transit systems, and railroad contractors.

Nordco's equipment helps to build, improve, maintain, and inspect track infrastructure on railways around the world.

Drawing on our extensive knowledge, engineering capabilities, R&D expertise, Nordco continues to design products and craft solutions that meet the specific needs of our customers.



M7 Ballast Regulator



TRIPP Tie Replacer



SP2R Spike Puller



CX Spike Driver



BC60 Brushcutter



Ride On Adzer



Road Ready Ballast Regulator



Road Ready Tamper



NORDCO RAIL SERVICES AND INSPECTION TECHNOLOGY



Nordco's Ultrasonic Rail Flaw Detection technology leads the industry. The full size Hi-Rail NRS-260 Prime vehicle is designed for long distance mainline testing with the highest accuracy.



The Nordco OnePass single rail system includes the same ultrasonic transducer technology as its full-size vehicle counterpart, but it is built into a compact and portable device which is perfect for short distance testing and supplemental testing by the NRS-260 crews.

One Pass Ultrasonic Inspector

Hydraulic Railroad Tools

HYDRAULIC TRACK MAINTENANCE TOOLS



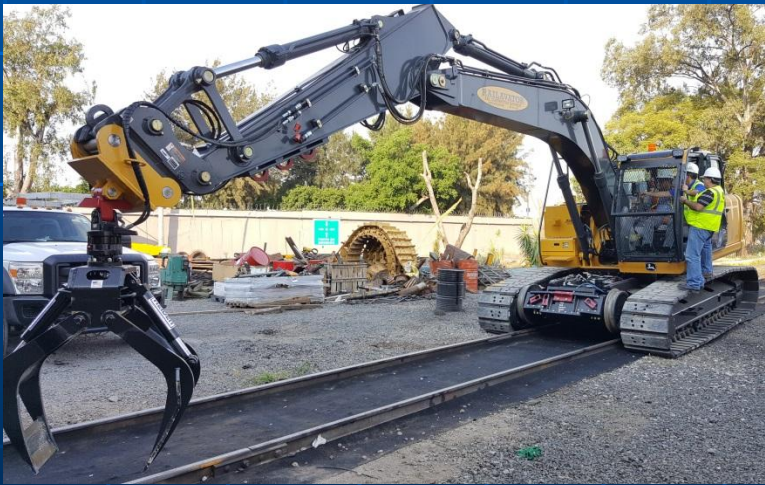


Railroad Construction Equipment

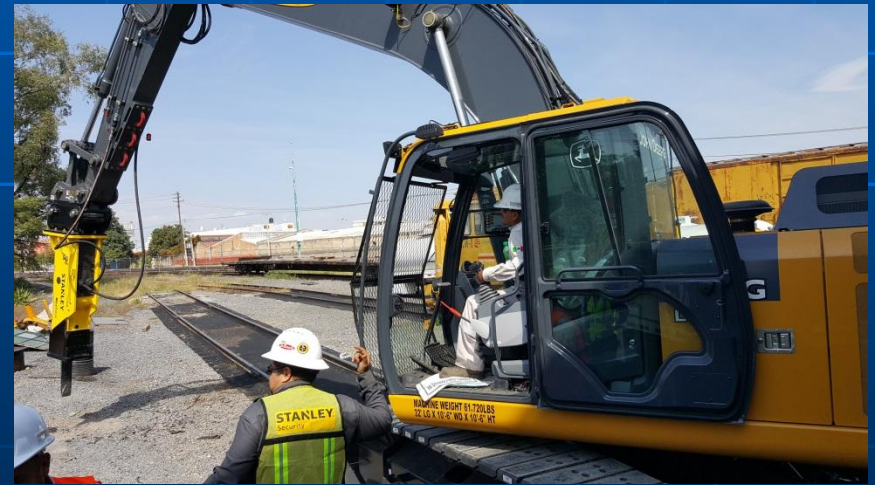
Railavator equipped with:

- Tie Grapple
- Hydraulic Breaker Hammer
- Electromagnet System
- 12' Undercutter Bar
- Excavating Buckets

Whether it's pulling rail, cutting brush, craning items, under cutting, tamping ties, or just digging and trenching - the Railavator will arm you for top productivity. With its patented hydraulic powered retractable high rail, you can take it anywhere you need it.



RCE - John Deere 210G Railavator with Tie Grapple



RCE - John Deere 210G Railavator with Stanley Breaker



Railroad Construction Equipment



RCE - John Deere 210G Railavator with Hi Rail Equipment



RCE - John Deere 210G Railavator with Undercutter Bar



AMECO Machine Commissioning Team 2016



BADGER – LITTLE GIANT RAIL CRANES



SPR48 20T Rail Crane



CD4430R 30T Rough Terrain Hi-Rail Crane

TELEWELD

Rail Heating Equipment



Series I CWR Rail Heater Car with Operator's Cab Upgrade



Series I CWR Rail Heater Car

TELEWELD ON-TRACK RAIL HEATER

The Series I propane fueled, air inspired rail heating crucibles offer exceptionally high efficiency factors.

Approximately 75% of the available B.T.U.'s in the propane are converted to heat in the crucible. The flame is confined to the sides of the rail which minimizes the possibility of igniting ties and other flammable material adjacent to the road bed.



Ohio Locomotive Cranes

OHIO MODEL DE-650 – Serial 6501



Pile Driver



Operator's Cab Upgrade



Powered Fold Away Stairs

DE650 Remanufactured with Upgrades



ENCORE - LIFE EXTENDING CROSS TIE TECHNOLOGY

Encore's ongoing investment in research has provided constant innovations to the industry making us the single-source provider of tie plugging and rail seat abrasion prevention and repair equipment and compounds. Encore's life extending crosstie technologies are supplied to most Maintenance of Way divisions of Class I and short line North American Railroads.



Series 1500 RTP Ride On Tie Plugger



1500 ml Electric Dispenser



Encore Walk-Behind Applicator

Encore Rail Concrete Tie Repair System



Encore[®]
Rail Systems, Inc.

Encore History

In 2002 Encore Rail developed new equipment and epoxies for the purpose of repairing the rail seat abrasion. By formulating odorless epoxies that would set in a matter of minutes rather than hours and mixing the product through a static mixer. Encores' concrete tie machine and products helped speed up the rail relay and tie repair process to be as fast as on wood.



History

Encore Rail was responsible for developing many of the specifications for the epoxy used for seat abrasion. We developed two distinct products for the different applications needed. Both products are 1 to 1 in ratio. The medium viscosity is for deep seat abrasion ($>1/2"$). The other for light seat abrasion. Both products were designed to develop high adhesion and compressive strengths so that the epoxy would take the brunt of the wear as well as seal the concrete from moisture.



Encore Rail Tie Epoxy Specifications

Description:

System 33-60R/33-58H is a two component, flexible, gray, filled, epoxy system designed especially for the repair of concrete ties. The two part system is formulated to withstand the heating necessary for application with no crystallization. This material can be heated up to over 400 Degrees F without signs of coagulating or crystallizing. The two part system cures at ambient temperatures within 10 to 20 minutes (<40 F) to a minimum of 50 Shore D hardness. It has been determined that at a Shore D hardness of 50, the epoxy is hard enough to withstand the weight of a locomotive with out distortion.



Encore Rail Epoxy Seat Abrasion Specifications

Hardness – 70-80 Shore D Compressive

Strength(ASTM-D-695)

13,000 psi at 7 days

Bond Strength (ASTM-C-882) 3,000 psi at 14 days

Modulus of Elasticity (ASTM-D-790) 535,000 psi

Meets all ASTM-C 881 specifications for Type I, II, IV, AND V Grade 3, Class B and C.

Encore Rail tests its products at independent laboratories. Documentation of testing available at request.



Encore improves the process and products

SpeedSet® UV Light Curing Epoxy System is a patent-pending UV light curing epoxy system for rail seat abrasion protection.

SpeedSet® is a single-part, clear, unfilled, low viscosity, epoxy system designed for instant setting with UV light, and performance in all climates.



Encores' Commitment

Encore Rail provides the equipment and training necessary to insure the products and application of the concrete tie repair materials is consistent with improved productivity. Encore can provide epoxy equipment or the dual purpose RTP to suit whatever production needs are.



AMECO

American Equipment Company appreciates the confidence that Railways Worldwide have extended to us as a trusted supplier of maintenance of way equipment and supplies.

We look forward to building a long standing relationship in Australia, and the opportunity to work together to provide solutions for your maintenance of way challenges in the years ahead.

American Equipment Company - 4755 Technology Way, Suite 208 - Boca Raton, Florida 33431 USA

Tel. (561) 997-2080 - Fax: (561) 997-2010 - Email: info@ameco.net



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