

Vallmar Engineering Announces High-Rail Maintenance and Repair Solution

New heavy equipment design allows railroad maintenance groups the ability to efficiently perform maintenance and repair on difficult to access railway.

AKRON, OH, USA, February 6, 2014 /EINPresswire.com/ -- For years, railroad maintenance groups have struggled with the ability to efficiently and effectively perform maintenance and repair tasks in difficult to reach locations. Access to areas on and around the tracks, and transportation of maintenance equipment to and from the area to be repaired and maintained often proves problematic at best. The challenge is that most of the same technology has been in place since the 1940s, and dependence on this outdated methodology has cost the industry in financial terms as well as in a lack of efficiency and reliability.

One hi-rail equipment supply company decided there had to be a better way. Vallmar Engineering was brought in with the goal of engineering a high-quality design that would increase safety and decrease costs when it comes to repair and maintenance in the high-rail industry.

Vallmar's solution was a friction-powered machine that works on both rough terrain and on rail. Powered by its

own engine and rotation of the existing tires, this [Friction Drive Rail](#) solution allows existing machines to become rail-ready through consistent components and applications. It offers the flexibility to adapt to the need of the equipment and OEM accessories to fit the repair/maintenance application at hand. In addition, it allows for several future opportunities, including hydrostatic-powered, hybrid system and all-electric solutions.

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Taking an innovative concept from inspiration, through development, to real-world application is our core business ... and our greatest reward.

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About Vallmar Engineering - Engineering Product Design For Vallmar Engineering, product design and engineering is a passion. The company is known for its ability to achieve client goals while meeting the quality, delivery and cost objectives set for each product design and engineering project. Their services include: Turnkey Development & Production Management, Reverse Engineering, Electronic Engineering, [Custom Machine Design](#), Engineering Analysis and ROI Evaluation, 2-D & 3-D CAD Works. Specialty services include:

[Heavy Equipment Product Engineering.](#)



High-Rail Maintenance and Repair Solution

History of Vallmar Engineering

Founded in 2008, Vallmar Engineering has a straightforward approach that moves from an initial design and the building of short-run tooling to the finished products. This approach reduces a design process to its fundamentals by segmenting it into basic parts while placing a strong emphasis on reducing costs and lead-time. The process has been developed by combining cutting-edge technology with years of experience in Europe and the United States. Vallmar Engineering has a staff of seven licensed engineers, including product design engineers and additional professionals in graphics, marketing and related fields. Vallmar Engineering is a division of Vallmar & Co a family group of businesses since 1984.

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Vallmar Engineering

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