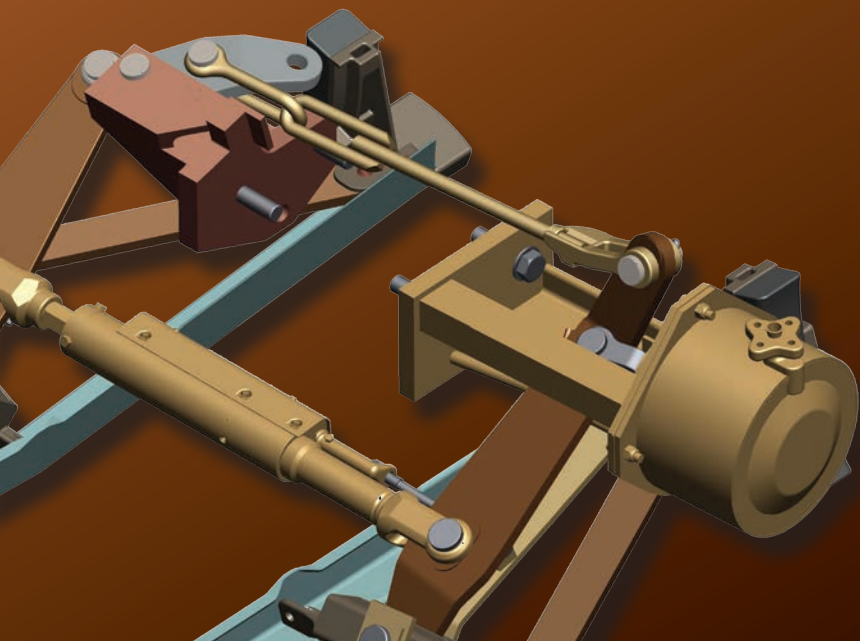


Precision-engineered for maximum reliability.



Amsted Rail[®]



Providing comprehensive brake system solutions, from fully integrated to conventional

When you're trying to bring a hundred-car freight train to a halt in a harsh environment, there's no margin for error. You need braking systems and components that set the standard worldwide for innovation, reliability and performance: Amsted Rail.

Amsted Rail is a world leader in manufacturing brake systems for the heavy haul market. We offer the broadest array of advanced braking equipment, with each component designed to meet the exacting tolerances demanded by the rigors of heavy hauling. They're built to go long distances with low maintenance and never compromise an inch on stopping distance.

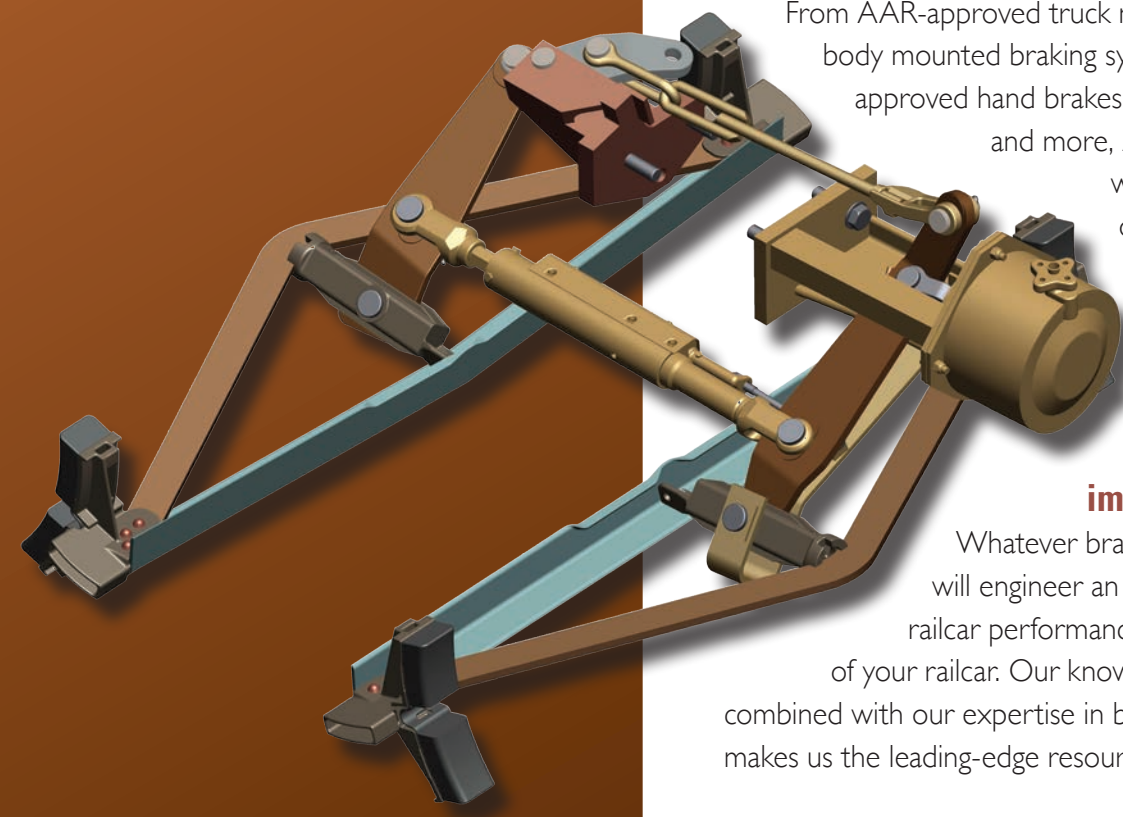
Single-source advantage

Our unmatched single-source capability makes Amsted Rail the only stop you need to make for braking systems and components.

From AAR-approved truck mounted braking systems and body mounted braking systems, to a complete line of AAR-approved hand brakes, empty load devices, brake cylinders and more, Amsted Rail has precisely what you want, precisely when you want it. And our superior global manufacturing capacity ensures we respond to customer needs quickly and efficiently, wherever your railcars reside.

Integrated solutions improve performance

Whatever braking system you choose, Amsted Rail will engineer an integrated solution that can enhance railcar performance and increase the lifecycle savings of your railcar. Our knowledge of everything under the box, combined with our expertise in brake systems and components, makes us the leading-edge resource for all your braking needs.



The innovators in integrated truck mounted brake systems

Amsted Rail is a pioneer in developing advanced Truck Mounted Brake (TMB) Systems for heavy haul applications. As the first manufacturer to fully integrate the brake cylinder into a truck/bogie system, we lead the way in designing systems engineered for greater safety, efficiency and seamless performance. Already deployed in thousands of railcars worldwide, the AAR-approved Amsted Rail TMB System is a proven high mileage, low maintenance system that can help lower the total cost of railcar ownership.

The Amsted Rail Truck Mounted Brake System is also easy to configure. Because our system fits on standard AAR bolsters and employs standard brake beams and packing cups, it allows for efficient assembly and versatile retrofitting to existing railcars.

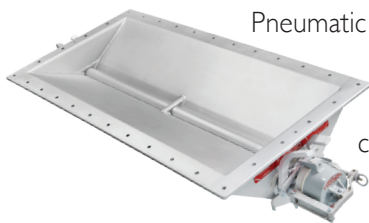
A critical feature of the Amsted Rail TMB System is an automatic slack adjuster that automatically compensates for brake shoe or wheel wear and maintains proper brake piston travel to meet AAR guidelines. It's just one more way Amsted Rail Truck Mounted Brake (TMB) Systems optimize railcar performance.

A complete line of components for railway braking systems

Whether you require a component for a conventional body mounted brake system or a truck mounted brake system, Amsted Rail has an inventory unmatched in the industry. We can service, replace, or upgrade virtually any mechanical or pneumatic braking component—no matter what railcar braking spec you have to satisfy.

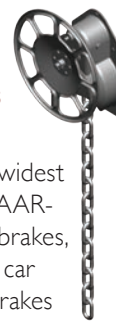
And, with a global presence on six continents and greater global manufacturing capacity, we stay close to our customers by providing 24/7 technical support and getting their parts shipped in a hurry.

Consider these Amsted Rail products for specific heavy haul applications



Pneumatic Outlet Gates permit fast unloading of pelletized commodities without contamination.

The Tank Car Ball Valve is a full port ball valve designed specifically for tank cars. Available in various sizes with a "quick-connect" to bolted flange configuration.



Hand brakes

Amsted Rail has the world's widest product line of AAR-approved hand brakes, including freight car vertical wheel brakes for any type of freight car.

Slack Adjuster

Amsted Rail offers both conventional and truck mounted automatic slack adjusters to maintain constant piston travel, minimizing loss in brake shoe force due to shoe and wheel wear.



Empty-Load Devices

Available for all freight car types, Amsted Rail empty-load devices sense whether the car is loaded or empty and proportions



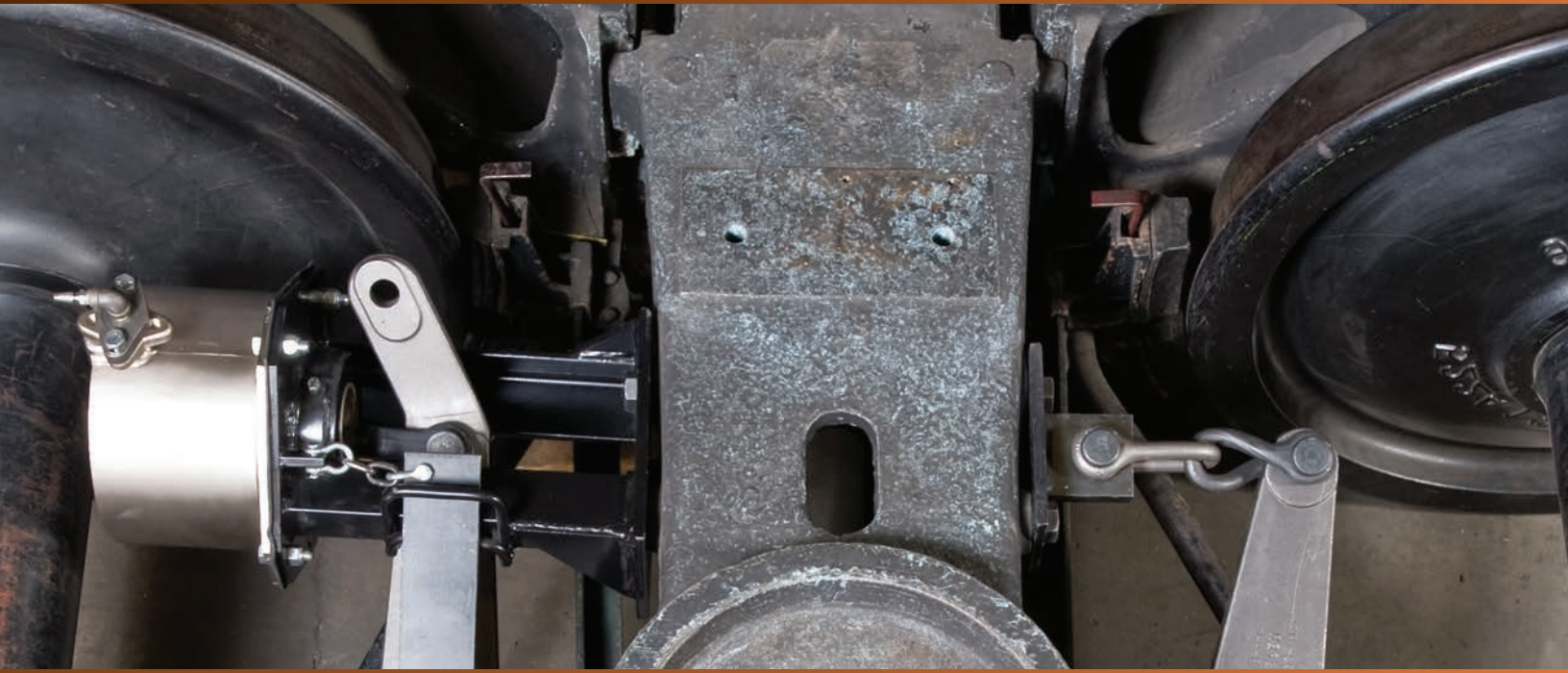
brake-cylinder pressure accordingly.



ABU Brake Cylinder

The ABU body mounted brake cylinder is lightweight, corrosion resistant and interchangeable with existing cylinders.





**Amsted Rail, the global leader
in fully integrated freight car systems
for the heavy haul rail market.**



Amsted Rail has been an industry leader in freight railroading for more than 100 years. Our experience, dedication and efficiency in servicing today's demanding heavy haul operations is unequalled as we keep railcars rolling in some of the world's toughest railroad environments. To learn more, visit www.amstedrail.com.

Amsted Rail[®]

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