Amsted Rail’s complete bogie assemblies – built for the long haul in heavy haul.

Amsted Rail is the driving force in building the most reliable bogie car assemblies in the world. Through our ASF-Keystone Division, Amsted Rail designs and manufactures a range of complete bogie systems to satisfy every application, thrive in every environment and meet every challenge. All backed by our century-old AAR record for proven reliability.

Strength, safety and durability in one lightweight package.
Utilizing our patented lightweight process, ASF-Keystone has been producing durable heavy haul lightweight bogie systems for customers from Brazil to Burma. By combining higher-yield B+ steel with a proprietary coring process, we’re able to reduce weight by as much as 800 pounds per carset on average — without sacrificing strength.

Around the globe, ASF-Keystone® bogies consistently exceed the million-mile barrier, even in the ever-changing harsh operating climate of heavy-haul freight transportation.

Fully customizable assemblies.
Amsted Rail also has the capability to build custom bogie assemblies. Our team of engineers will work with you to customize a bogie assembly specifically suited to your needs.

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 serving today’s demanding heavy haul operations is unequaled as we keep railcars rolling in some of the world’s toughest railroad environments.

To learn more, visit www.amstedrail.com.

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Advanced Bogies

Motion Control®
Delivering increased payloads and increased service time

Amsted Rail pioneered the Motion Control design in 2003, and developed the first Motion Control system to get certification for North American AAR Interchange Service.

To stay at the forefront, every Motion Control bogie is engineered, designed and tested with Amsted Rail® core components. This ensures product interaction, providing optimal stability in the harshest operating environments while maximizing the wear life of components.

Key Benefits:
• Most versatile variable damped bogie for all asset types
• Lightest and most commonly specified M-976 bogie system available
• Lowest lifecycle maintenance costs
• Adapter Plus® steering pad provides improved wheel and bearing service life
• Longer friction wedge life
• First bogie to achieve unconditional AAR M-976 approval
• Optimal for 286,000 pound Gross Rail Load/32.5 tonne Axle Load

Swing Motion®
Premier suspension design for safety & stability at high speeds

Swing Motion® was developed over 40 years ago to provide railways with safe high-speed capability and improved ride quality for reduced lading damage. This bogie system provides maximum performance benefits with evolutionary enhancements only ASF-Keystone® can deliver.

Key Benefits:
• The ultimate in freight rail bogie performance for lading protection
• Proprietary Swing Motion stabilization system unsurpassed in high-speed stability
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Reliable Bogie Components

Precision-engineered innovation

At Amsted Rail, we provide more than parts: We deliver performance. We lead the way in supplying the highest quality, most reliable bogie components. No matter where in the world you’re hauling freight, Amsted Rail’s heritage of manufacturing and trust ensures your sensitive cargo will get there in one piece.

Friction Wedges
Our highly engineered friction damping systems improve ride quality and performance, providing a longer, lifecycle for wagon components.

Coils
Coil Springs from our state-of-the-art manufacturing facility provide unparalleled quality and reliability.

Adapter Plus®
Adapter Plus enables steering and provides 25% longer wheel life, and longer roller bearing life than other bearing adapters.

PreLoad Plus® Constant Contact Side Bearing
PreLoad Plus retains over 95% of its new condition preload after hundreds of thousands of miles, providing significantly longer service life than conventional CCSB’s.

Wheels
Griffin® Wheel casting process ensures steel cleanliness, and consistent taper size and rim tightness for world class quality and reliability.

Axles
Axes provides the highest quality axles to the most exacting standards from the world’s most technologically advanced axle manufacturing facility.

Wear Prevention Products
Hollube® and Hollamax® Wear Prevention Products are made with an advanced plastic strong enough to outlast steel and proven to reduce wear up to 88%.

Bearings with Low Torque Seal and Tru-Fit Backing Ring
Brenco® Bearing options provide better fuel efficiency and lower fretting replacements with higher reliability and longer life.

IONX® Asset Monitoring – 24/7 Remote Management
IONX asset monitoring systems enable you to better manage your fleet, providing data that can help you improve shipment safety, security, turn cycles and total fleet optimization. IONX delivers location and condition status reports in near real-time — regardless of your asset’s location — and complements all federal government reporting requirements. Insights gained from IONX analysis are helping shippers and owners around the world reduce costs and meet productivity goals.
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Friction Wedges
Our highly engineered friction damping systems improve ride quality and performance, providing a longer lifecycle for wagon components.

Casts
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