

# RAILCAR AND TRUCK UNLOADING





# IMPROVE SAFETY AND PRODUCTION

Safely and efficiently unload covered hopper gravity discharge railcars and trucks.

Our railcar and truck unloading products are designed to reduce workers' exposure to safety hazards and improve production by unloading material faster. Manual methods can be timely, costly, and dangerous. Improve safety and efficiency with reliable and durable unloading solutions.



# WHY MARTIN



With over 75 years in business, Martin Engineering is a proven leader in effective and innovative solutions to commonly-faced problems in railcar and truck unloading.

We have the background, knowledge, and on-the-job experience to work with you to find the best solution to keep your operation running at maximum productivity. We value safety and the wellbeing of those working in this industry which is why safety is at the forefront of our services and product designs. Confident in providing solutions, our products are backed by an Absolutely, Positively, 100% Money Back guarantee.

Making Railcar and Truck Unloading CLEANER, SAFER, and MORE PRODUCTIVE Since 1944



# OPEN AND SHUT

## MAKE QUICK WORK OF STUBBORN GATES

Using compressed air, our railcar openers safely, efficiently, and powerfully open and close stubborn gates. Our non-impacting and impacting openers produce from 1750 ft/lbs to 10,000 ft/lbs of torque. Track-side space can be limited with rough terrain, our walk-behind openers are adjustable for comfort and mobility as well as easy to maneuver.

We offer a variety of openers and models, from portable to heavy duty, to suit your needs.





# SHAKE IT OUT



## UNLOAD QUICKLY AND COMPLETELY

By applying engineered vibration, railcars can be unloaded faster and emptied more completely, resulting in more cars being unloaded per day/shift and less material left in the cars.

Increase safety and productivity by preventing the need for backbreaking labor from hammering on the sides of railcars to activate the material. Our portable and powerful vibrators keep material flowing. We have an extensive line of models available to suit specific materials and/or plant requirements.



# KEEP IT CLEAN

## TRUCK AND RAIL

Boot-Lift® Connectors provide material containment in between railcar/truck gates being unloaded and the conveying system, eliminating the need for personnel to crawl around/under to connect/disconnect equipment. Our Boot-Lift® comes in two styles – vertical or horizontal – and several different sizes and configurations to accommodate a wide range of gate sizes and/or site arrangements.





# BOOT-LIFT® ACCESSORIES

We offer a full line of accessories to further help with your unloading needs.

**Adapter Sheet:** Forms a seal between the Boot-Lift® Connector funnel and the discharge gate

**Aligner (pneumatic or manual):** Provides several inches of movement to ensure the Boot-Lift® Connector is properly aligned with discharge gate

**Funnel Grizzly:** Prevents large chunks from entering the conveying system. Available in stainless or abrasion-resistant steel with 2", 3", or 4" openings

**Funnel Cover:** Prevents workers from being exposed to an opening while keeping weather and/or rodents out when the Boot-Lift® Connector is not in use

**Lift Cylinder Covers:** Protects lift cylinder rods and seals from dust or contamination







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