



**MARTI-TECHNOLOGY U.S., INC.**



***Berry Metal Company's partnership with Marti-Technology brings to steelmaking customers advanced equipment that is easily interfaced to the steelmaking process, is simple to operate, and improves steel product throughput, accuracy, quality and profitability.***

# RMIC

## Remote Media Coupling System

The Remote Media Coupling System, used on ladle cars and vacuum tank degassers, automatically connects the gas hoses at the LMF to the porous plug located on the ladle.



- The RMC provides greater safety for operators and improved performance for steelmaking customers.
- Marti's engineered RMC system provides the most rapid connection possible to minimize the gas purging interruption, and avoids blockage of the plugs.
- The proprietary "break-away" bolt design protects expensive machinery in case of severe misalignment and forced rapid departure of the ladle.
- An exclusive horizontal pneumatic cylinder actuation permits precise timing of actual connection and start of gas flow.
- Spring-loaded suspension of the cylinder and the large coupling tolerance compensates for small errors in ladle positioning and location.
- The system is designed to allow acceptable distance from the source of potentially harmful heat and pollution.
- The funnels are welded to the sidewall of the ladles, and require no heat-sensitive seals. Marti's connecting nozzle can withstand very high heat and pressure.
- Complete equipment enclosures provide protection from dirt and contamination, as well as possible overspills.
- The RMC system can be used with single and dual plug ladles.
- The RMC is designed to work with either one or two independent stirring gases through one connection rod.
- The RMC is heavy-duty and mill-worthy, and eliminates operator fatigue, enhancing consistency and repeatability.
- Adequate safe distance for operating personnel is provided.

For more information on this and other technological innovations made available through our partnering agreements, contact Berry Metal Company at 724-452-8040 or [www.berrymetal.com](http://www.berrymetal.com), or Marti-Technology at 330-220-0833 or [www.marti-tech.com](http://www.marti-tech.com).



**Advanced Steelmaking Technologies**

