



GLOBAL SOLUTIONS

NEWS RELEASE



For Immediate Release

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**News for the Aggregate, Coal Processing
And Minerals Processing Industries**

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Only Eriez® Offers Dry-Type Suspended Electromagnets Backed by Third-Party Certifications for Hazardous Installations



Erie, PA—[Eriez®](#), a pioneer in the development of [suspended electromagnets](#), is the only supplier today that offers dry-type suspended electromagnets backed by third party certifications for installation in hazardous locations with combustible dust and flammable gas or vapor environments. Notable certifications include [Canadian Standards Association](#) (Series D800) and [Underwriters Laboratory](#) (Series 700U).

“Our dry-type suspended electromagnets do not contain any transformer oil inside, so there is no flammable liquid that could catch on fire,” explains Bill Dudenhoefer, Market Manager-Heavy Industry. He adds, “These magnets utilize a thermal epoxy to transmit heat to the outer magnet shell for cooling.”

While other magnet manufacturers provide their magnets for hazardous locations, they do not have third-party approval for their designs, according to Eriez. “Many competitors’ magnets have transformer oil inside which poses a fire risk,” says Dudenhoefer.

Eriez developed Series 700U explosion-proof and Series 800 air-cooled separators with magnetic strength equal to Eriez oil-cooled units. They automatically remove large amounts of tramp iron from heavy burdens on belt conveyors or chutes while providing unparalleled protection against fires or explosions.

The Series 700U explosion-proof and Series 800 air-cooled magnets offer the traditional quality, performance, reliability and value of Eriez electromagnets, with added features to increase safety, productivity and profitability. Eriez dry-type [suspended electromagnets](#) are designed with a special static conducting self-cleaning belt to eliminate sparking from static electricity. A zero-speed switch stops the unit in the event of belt failure or jamming.

For more information about Eriez’ full line of suspended electromagnets, visit <http://erieznews.com/nr407>.

Eriez is recognized as world authority in separation technologies. The company’s magnetic lift and separation, metal detection, fluid filtration, flotation, materials feeding, screening, conveying and controlling equipment have application in the process, metalworking, packaging, plastics, rubber, recycling, food, mining, aggregate and textile industries. Eriez manufactures and markets these products through 12 international facilities located on six continents. For more information, call toll-free (888) 300-ERIEZ (3743) within the U.S. and Canada. For online users, visit www.eriez.com or send email to eriez@eriez.com. Eriez World Headquarters is located at 2200 Asbury Road, Erie, PA 16506.

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