



## NEWS RELEASE

*For Immediate Release*  
**News for the Minerals Processing  
and Coal Processing Industries**

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### **Eriez® Offers Products and Expertise for Suspended Electromagnet Applications where Apron Feeders are Utilized**



Erie, Pa. --Eriez offers experience and products designed for apron feeder applications such as the SER series of large rectangular core [suspended electromagnets](#), specifically engineered for 84 to 150-inch wide conveyor belts and feeders used to remove large, unwanted tramp metal objects in hard rock and coal.

In most applications, electromagnets are suspended 3 to 4 inches over the top of the material burden and are mounted in one of two positions: magnet over material leaving the head pulley or magnet over the conveyor belt prior to the head pulley.

At conveyor belt speeds of less than 350 fpm or for apron feeder applications, the suspended trajectory of the material is minimal and becomes near vertical. In these cases, the magnet must be positioned over the material burden as it free falls.

Eriez has installed apron feeder magnets around the world. Eriez' engineers design each SER magnet with the appropriate magnetic field configuration to ensure optimum performance for its unique application.

Eriez' SER magnetic circuit provides cross-belt coverage of up to 150 inches while generating a powerful magnetic field capable of penetrating deep burdens on fast-moving conveyors used in mines. These magnets incorporate technology similar to that found in the 7000 series designed for 12 to 72-inch belt widths. Electromagnets are available in manual or self-cleaning versions.

To learn more, contact Eriez and request brochure SB-324.

Eriez is recognized as world authority in advanced technology for magnetic, vibratory and inspection applications. The company's magnetic lift and separation, metal detection, x-ray, materials feeding, screening, conveying and controlling equipment have application in the process, metalworking, packaging, recycling, mining, aggregate and textile industries. Eriez manufactures and markets these products through ten 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](http://www.eriez.com) or send e-mail to [eriez@eriez.com](mailto:eriez@eriez.com). Eriez World Headquarters is located at 2200 Asbury Road, Erie, PA 16506.

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