



## NEWS RELEASE

*For Immediate Release*

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### **Revolutionary Design Allows Enhanced Sensitivity in Metal Detection**

Erie, Pa. — The innovative [Eriez® Metalarm MA3600 Metal Detector](#), with pulse induction technology, provides balanced coil detection sensitivity and performance. There are two models available with the MA3600 Metal Detector; the Hawk and Eagle. Both of these models are suitable for installation in quarries, mines and other arduous locations, each having different sensitivity capabilities.



According to Eriez, the MA3600 outperforms all existing pulse induction detection systems. John Klinge, Product Manager, Metal Detection, explained, “We designed the MA3600 according to specific customer needs to ensure that even the smallest tramp metal will be detected.” He added, “This unmatched protection for crushers, screens, pumps and conveyor belts saves time and improves productivity by reducing maintenance and downtime.”

Both the Hawk and Eagle models are microprocessor-based with self diagnostics and fault indication. These standard features allow varied operating frequency to better suit different applications and sensitivities. The control has a twenty segment LED signal display and a dual channel for metal and belt clip signals with coarse and fine sensitivity control.

The Hawk Metalarm coil is typically utilized for standard applications with a sensitivity that is 5% of the aperture height. Less sensitive settings are available upon request. The Hawk is designed for use on steel corded belts and can be operated with highly conductive products, such as iron ore, for more efficient protection.

The Eagle is used where high sensitivities are required, nominally 2 percent of the aperture height.

The Hawk and Eagle Metalarm Metal Detectors are easy to install and do not require that the customer cut their belt in order to mount either one on their conveyor.

The control unit is IP66 rated and can be supplied either with a painted steel or stainless steel enclosure with anti-condensation heater.

A wide variety of features including local or remote on/off, remote sensitivity control, healthy signal relay, trip counter, high pile detector and tramp metal marking systems such as bag dropper and ink jet marker can be added. The system can also be used with the new SpyMet digital metal location indicator.

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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