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NEWS RELEASE



For Immediate Release

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**News for the Chemical and
Minerals Processing Industries**

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Rising Demand for Lithium Prompts Increased Sales of Eriez® Dry Vibrating Magnetic Filters- Unique 5,000 Gauss Unit Reduces Contamination Dramatically



Erie, PA— According to Eriez®, sales of [Dry Vibrating Magnetic Filters \(DVMF\)](#) to the lithium sector are significantly increasing as worldwide lithium production is rising to meet rapidly growing demands spurred mainly by lithium-ion batteries. DVMFs effectively remove fine paramagnetic contaminants from dry powder.

“We are observing a significant influx of projects related to lithium--especially in top lithium producing countries such as Argentina, Australia, Canada, Chile, China and the U.S.--from mining to processing in fluid as well as dry form,” says Jose Marin, Director of Minerals and Materials Processing. “Lithium producers are incorporating DVMF units before and after the mill to improve the purity of lithium before it goes to the user.”

[DVMFs](#) utilize a high intensity electromagnet and a revolutionary flux converging matrix. The DVMF is fed vertically via gravity flow. The feed material filters through the matrix and exits out the bottom. The matrix captures and holds the magnetic material while the non-magnetic material passes through.

Eriez [DVMFs](#) are available in two strengths: 2,000 and 5,000 gauss. “We are the only company today offering 5,000 gauss units,” notes Marin. “This enables our DVMFs to reduce contamination in some cases to parts per billion rather than per million.”

Eriez state-of-the-art [DVMFs](#) are fully automated and feature a simplified cooling system. Other highlights include programmable controllers and the ability to handle 4 and 12-inch diameter sizes.

Eriez offers additional equipment used in lithium projects, including [magnetic traps](#) and [HydroFloat™ separators](#). To learn more about Eriez’ full line of equipment for minerals processing, visit <http://www.eriez.com/Markets/Index/Mineralsprocessing>.

For more information about Dry Vibrating Magnetic Filters, visit <http://www.eriez.com/Products/Index/Dryvibratingmagneticfilters>. To view a new animated video which offers an up-close look at DVMFs, go to <http://erieznews.com/nr418>.

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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