

For Immediate Release

News for the Minerals Processing Industry

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Eriez® Flotation Equipment is Helping Advance and Support Customers' Commitment to Environmental, Social and Corporate Governance Issues

Erie, PA—Eriez Flotation, one of the foremost mining and minerals processing industry equipment providers in North America and throughout the world, is taking a leadership role in environmental, social and corporate governance issues (ESG). The company is continuing and advancing its efforts by working closely with customers to support their ESG initiatives through ongoing equipment improvements and expert guidance to configure equipment flowsheets and operations to offer the greatest sustainability possible with state-of-the-art technology, according to Eric Bain Wasmund, Ph.D., Vice President-Global Flotation Business.



“Our company and our customers are taking diligent action to improve the mining business in terms of energy and water intensity,” Wasmund says “Our [StackCell®](#) and [HydroFloat®](#) solutions are two breakthrough technologies well-known for their ability to substantially decrease environmental and safety costs and risks.” He adds, “Our technologies offer better processing performance with a smaller footprint.”

The [HydroFloat® Separator](#) for coarse particle mineral concentration delivers the capacity of a density separator with the selectivity of a flotation device. Using a novel aeration system to disperse fine bubbles into a fluidized-bed environment, the HydroFloat Separator significantly increases the selective recovery of coarse particles by applying flotation fundamentals to gravity separation.

The high capacity [StackCell](#) was developed as an alternative to both conventional and column flotation machines. This technology makes use of a pre-aerated, high-shear feed canister that provides efficient bubble-particle contacting, thereby considerably shortening the residence time required for industrial flotation. Other potential advantages of the process include lower energy requirements, lower capital and installation costs, and increased flexibility in plant retrofit applications.

According to Eriez, its findings indicate that its equipment can make an extensive impact on sustainability in the mining business. “For example,” says Wasmund, the use of the HydroFloat can reduce the amount of fine tailings and water sent to storage facilities by 30% or more. This is critical in parts of the world threatened by water shortages.”

Wasmund continues, “Our customers are extremely motivated and excited to find new, innovative and unique ways to incorporate our flotation equipment to make step-change ESG improvements. Our technical staff works in cooperation with clients to develop and perfect applications using these technologies.”

To learn more about Eriez Flotation’s HydroFloat and StackCell flotation technologies, visit <https://www.eriezflotation.com/flotation/>.

About Eriez Flotation

Eriez Flotation is a world leader in advanced flotation technology and is a wholly owned subsidiary of Eriez Manufacturing Co. Eriez Flotation provides advanced testing and engineering services, sparging and column flotation equipment, and game-changing innovations in process technology such as HydroFloat® and StackCell® for the mining and mineral processing industries. For more information, visit www.eriezflotation.com or call (604) 952-2300. We can also be contacted at efdca@eriez.com.

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