



Aggregate Industry



Eriez® Vibratory Feeders Provide **Uninterrupted** Aggregate Plant **Productivity**

Covia is a leading provider of diversified mineral solutions, serving a variety of industrial markets. The company's comprehensive product catalog comprises a wide array of resources, ranging from diverse minerals to high-purity silica sand, nepheline syenite, feldspar, clay, kaolin, resin systems, and advanced coated materials. Covia is unwavering in its commitment to producing high-quality products that underpin sustainable and robust supply chains across industries such as construction, glass production, ceramics, and more.

Located in Chardon, Ohio, Best Sand is one of Covia's longest-operating aggregate facilities. With a specialty in mining and refining the highest quality sand and silica products that play an indispensable role in daily life, this facility has depended on Eriez® equipment for nearly three decades. This enduring partnership helps ensure the seamless and uninterrupted flow of Best Sand's aggregate operations.





The Significance of Equipment Uptime


Paul Kimmy, a seasoned maintenance supervisor at Covia responsible for heavy equipment upkeep, underscores the critical importance of uptime in the world of aggregates. He explains, “Malfunctioning feeders can cause significant issues for us, and the consequences of unexpected downtime are severe. A single glitch in a feeder can grind the entire processing plant to a halt.”

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Dave Sitzmann
Maintenance Supervisor
Covia

Since their installation in the mid-1990s, five Eriez 65B vibratory feeders and six magnetic separators have steadfastly delivered optimal performance in the aggregate plant’s gravel drying and screening operations, all while requiring minimal maintenance.

Kimmy acknowledges the unique challenges posed by the age of the Best Sand facility, constructed in 1938. “As maintenance workers, my team and I always have plenty to do in a plant as old as Best Sand. The reliability of the Eriez equipment reduces one threat of potential downtime, and that’s very reassuring.”



Covia sand is utilized in sports turfs, golf courses and more.



Putting Performance to the Test

In a bid to enhance its operations, Eriez offered Covia the opportunity to upgrade one of its 65B vibratory feeders to the latest 65B-HC high-capacity models. The transition was seamlessly executed, as the new 65B-HC feeder shares the same footprint as the original design, requiring no adjustments to the existing hopper or hanger locations to suspend the feeder.

This trial program allowed Covia to evaluate the new feeder's improved throughput capacity and overall value as an investment, while also providing Eriez the chance to assess their equipment's performance in a challenging real-world setting.

The Eriez 65B-HC electromagnetic vibratory feeder provides complete operational reliability and has significantly greater capacity than the original model. In fact, during performance testing of this state-of-the-art feeder, it achieved roughly two times the throughput compared to the previous model.



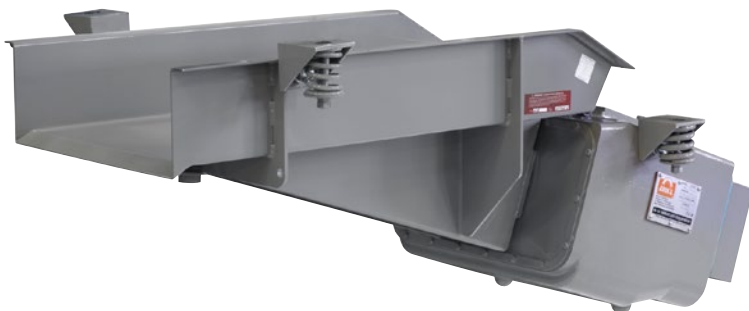
"Every model we introduce must meet the uncompromising standards customers have counted on for years from Eriez vibratory feeders."

Rob Yandrick
Global Product
Manager-Vibratory
Eriez

Proven Reliability

Rob Yandrick, Eriez Global Product Manager-Vibratory, emphasizes the company's commitment to delivering innovative solutions that align with customer expectations, such as the 65B-HC. He explains, "Every model we introduce must meet the uncompromising standards customers have counted on for years from Eriez vibratory feeders."

Kimmy echoes the sentiment, affirming, "Our reliable Eriez vibratory feeders have helped prevent unexpected downtime and efficiency-related issues."



For more information
about Eriez® Vibratory
Feeders & Conveyors
and other separation
technologies,
visit Eriez.com



ERIEZ

World Headquarters
2200 Asbury Road
Erie, PA 16506

Established in 1942, Eriez is a global leader in separation technologies. Our commitment to innovation has positioned us as a driving market force in several key technology areas, including magnetic separation, flotation, metal detection, and material handling equipment. The company's 900+ employees are dedicated to providing trusted technical solutions to the mining, food, recycling, packaging, aggregate, and other processing industries. Headquartered in Erie, Pennsylvania, USA, Eriez designs, manufactures, and markets on six continents through 12 wholly owned international subsidiaries and an extensive sales representative network. For more information, visit www.eriez.com.

CALL: 814-835-6000 **EMAIL:** eriez@eriez.com **VISIT:** www.eriez.com

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