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FOR IMMEDIATE RELEASE

Haver & Boecker Niagara Launches New Niagara F-Class Vibrating Screen

ST. CATHARINES, Ontario (August 4, 2022) — [Haver & Boecker Niagara](http://www.haverniagara.com) has revolutionized its signature [Niagara F-Class vibrating screen](#) with new technology for simplified maintenance combined with maximum performance and longevity. The new design retains the technical benefits the original F-Class is known for, such as improving performance in material stratification and reducing blinding and pegging.

“Our new design results in a more durable and easy-to-maintain vibrating screen with the same industry-leading performance customers expect from the F-Class,” said Duncan High, the product manager behind Haver & Boecker Niagara’s new F-Class design.

The vibrating screen is now primarily manufactured with vibration-resistant lockbolts instead of the traditional welding used in previous designs. Lockbolts are more effective at maintaining structural integrity during the demanding load-bearing, high-vibration operation of a vibrating screen, while making maintenance more convenient, safer and cost-effective. Bar rails are now fastened to the cross beams with lockbolts, making them easy to exchange if they become worn. The robustness of the machine also permits cross beams to be positioned and lock-bolted every four-feet instead of every two-feet, allowing for better clearance and easier maintenance.

The new F-Class design provides the option to upgrade the machine with Haver & Boecker Niagara’s new Drop Guard system. The liners provide protection for the machine’s cross beams, both reducing wear and extending vibrating screen life. The blue liner simply drops over the cross beam with no adhesive or tools required, making installation quick and easy.

Additionally, Haver & Boecker Niagara redesigned the flat deck models of the new F-Class to create the largest amount of open area possible for modular screen media. Featuring replaceable polyurethane anchors, the new high open area modular deck is suitable for virtually any pin and

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sleeve modular screen media. The polyurethane anchors are easy to replace and prevent premature wear on the deck frame. Additionally, the open design of the modular deck prevents material build-up on the bar rails.

The F-Class can also be manufactured for side-tensioned or bottom deck end-tensioned screen media. Each new side-tensioned machine comes with Haver & Boecker Niagara's signature [Ty-Rail™ quick-tensioning](#) system with the ability to cut screen change-out times in half.

The new F-Class continues to feature the hallmark performance the machine is known for in tough applications, such as scalping, wet and dry screening, dedusting and more. Supported by high-performance, double-spherical roller bearings, the machine's double eccentric shaft assembly creates a constant stroke to maintain g-force during material surging, providing constant material stratification to ensure product specification. It also creates a dynamically balanced system that transmits virtually no vibration into the structure — or chassis — preserving the integrity of the structure while also allowing for multiple machine installations. Additionally, the double eccentric shaft assembly reduces blinding and pegging while improving overall screening efficiency.

The vibrating screen continues to be equipped with shear rubber mounts rather than springs. Shear rubber mounts minimize the lateral movement caused by traditional springs. This reduces noise, maintains smoother operation and extends the life of a vibrating screen.

The F-Class is available with a variety of configurations and upgrades, and can be used in both stationary and [portable applications](#).

All Haver & Boecker Niagara vibrating screens undergo extensive testing, inspection and the industry-leading [Pulse Vibration Analysis](#) prior to shipping to ensure correct balance and smooth operation.

For more information, contact Duncan High at d.high@haverniagara.ca or visit www.haverniagara.com.

About Haver & Boecker Niagara

Haver & Boecker Niagara is a leading provider in screening, pelletizing and mineral processing plants and systems. The company's mission is to deliver the best of these technologies to customers in the mining, minerals, aggregates, cement, building products, fertilizer and salt and recycling industries. With deep roots and years of experience in these industries, Haver & Boecker Niagara uses its innovative and shared technologies to effectively meet the needs of customers around the

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