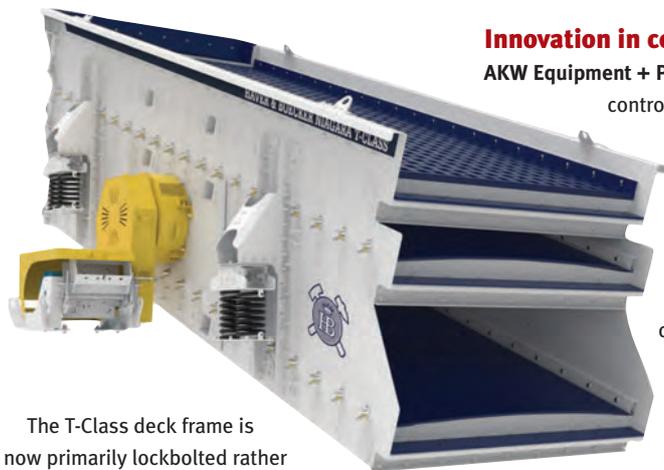


The T-Class, Haver & Boecker Niagara says, retains the technical benefits the original concentric technology is known for while improving screening uptime and performance with new features



The T-Class deck frame is now primarily lockbolted rather than welded to provide optimum strength, reliability and safety. Lockbolts have proven to be more effective in ensuring the machine's structural integrity than welding in the demanding, load-bearing, high-vibration operation of a vibrating screen, the company says. The robustness of the machine also permits cross beams to be positioned and lockbolted every 1.2 m instead of every 0.6 m, allowing for better clearance and easier maintenance.

The new design allows producers to upgrade their vibrating screen with Haver & Boecker Niagara's new Drop Guard system, further minimising maintenance. The liners provide 100% cross beam protection, both reducing wear and extending the life of the vibrating screen, according to the company. The system drops over the cross beam with no adhesive or tools required, making installation quick and easy, it says.

Additionally, Haver & Boecker Niagara redesigned the flat deck frames of the new T-Class vibrating screen for simplified maintenance. The pin and anchor deck frame is adaptable to virtually any pin-style modular screen media. It features polyurethane anchors that 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 cap and slide deck frame, meanwhile, is adaptable to virtually any groove-style modular screen media and features full rail protection.

The T-Class can 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, which cuts screen change-out times in half, the company claims.

Duncan High, the Product Manager behind Haver & Boecker Niagara's new T-Class design, said: "The new, more robust T-Class was designed specifically to offer more strength in

the middle of the machine – where it's needed most. Each update was engineered with ease of maintenance in mind, to keep downtime low while providing cost efficiency.

Innovation in control software

AKW Equipment + Process Design's AKOREL

control software will be one of the major talking points on its Bauma stand.

The company has been supplying the AKOREL free-fall classifier technology for many years, offering a wet classification solution that corrects the sieve curve of raw sand ranging from 0-2 mm or 0-4 mm, in line with customer requirements.

Even at high throughputs from 40-500 t/h (depending on the size), the AKOREL classifier consistently produces high-quality building sands with the same product quality, independent of the sand feedstock.

By decomposing the sand feedstock into six to 16 individual fractions, and re-blending them afterwards with the use of a user programmable control unit, the AKOREL can generate one or two quality sands with the desired grain size range.

In addition to the target of providing the customer with a robust, reliable and low-wear installation, much attention has been devoted in recent years to intelligent use of modern control technologies for data acquisition and processing. The objective of this has been to make classification more flexible and cost efficient, and, thus, contribute more decisively to the conservation of resources.

This focus has seen the company offer two different levels of control systems to its clients: the 'Basic Standard-Control Option' suitable for

the production of simple and constant quality sand output, and the 'Premium-Control Option' for when the production requires flexibility in the handling of various input and outputs.

These software capabilities have gained significant market acceptance over the years, according to the company.

To offer customers even more convenience, AKW has made the software even easier to use through an optimisation process that factors in the need to accommodate throughput, operational, grain size fluctuation and product quality requirements from customers. This will mean customers, in the future, can benefit from:

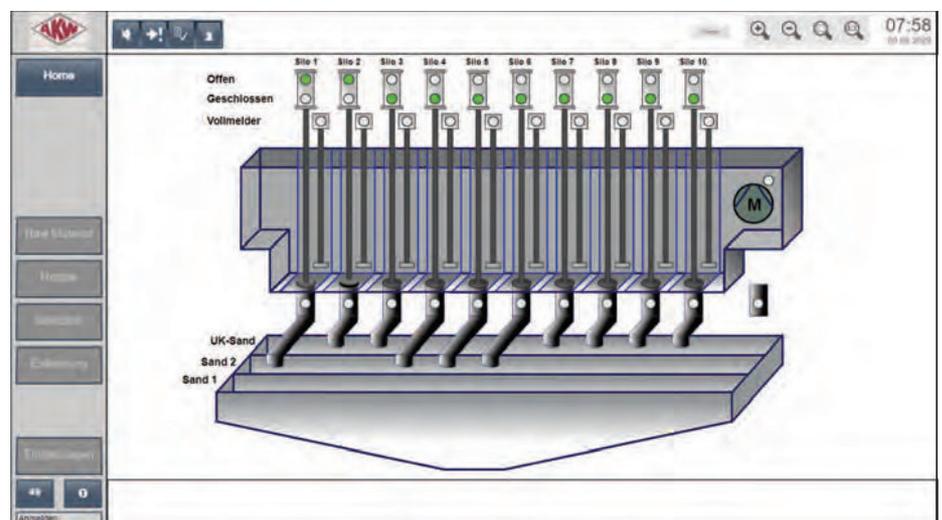
- Maximum user-friendliness;
- A simplified, clear arranged software display and interface;
- State-of-the-art technology including the newest features; and
- An automatic recipe adjustment to raw material fluctuations, without operator intervention.

This updated software can be retrofitted on existing AKOREL classifiers, ensuring customers can leverage these benefits for many more years, the company says.

Enerpac to do the heavy lifting

Enerpac, a leader in high pressure hydraulic tool, controlled force products, portable machining, on-site services and solutions for precise positioning of heavy loads, plans to use the upcoming fair to showcase not only its construction-focused offering, but solutions for handling and maintaining mining equipment.

The centrepiece of the Enerpac stand will be the new SBL600 telescopic hydraulic gantry, along with the company's entry-level gantry system for handling mining equipment – the ML40 Mini Lift Gantry. The new E-mover battery-powered load skate will also be demonstrated



AKW has looked to make its AKOREL control software even easier to use through an optimisation process that factors in the need to accommodate throughput, operational, grain size fluctuation and product quality requirements from customers