

Sep 6, 2018, 8:00:00 AM

GSI Introduces Z-Series™ Bins with Flexwave® Technology

New System Automates Bin Cleanout More Efficiently and Safely

Assumption, Illinois (Sept. 6, 2018) - GSI is introducing its new Z-Series™ Bins with Flexwave® Technology in a 24-foot diameter model that will be available to U.S. and Canadian farmers this fall. This first-of-its-kind grain system technology gives farmers a safer, more efficient and less labor-intensive option for unloading their grain bins.

Standard grain bins are typically emptied through a combination of gravity and sweep augers, but there's always a remaining level of grain on the bin floor that needs to be removed using brooms or shovels. It's hard, time-consuming, dusty work that can also be dangerous if this chore is performed while a sweep auger is still running.

GSI's Z-Series Bins utilize two large liners made of durable fabric that alternately inflate and deflate, gently pushing the remaining grain into a central reclaim for removal. "The result is 99.9 percent cleanout, without the need to enter the bin," said Jonathan Waits, GSI product manager for storage and accessories. "The inflation/deflation process automatically turns off when the bin is emptied.

Waits noted that each inflatable liner can unload more than 100 tons of grain at a time using less than one psi of air pressure. The liners are constructed of durable, commercial-grade material designed to last over 30 years under normal conditions. In addition, they can easily be repaired in case of accidental puncture with a simple glue patch.

The 24-foot Z-Series Bin has a storage capacity ranging from 5,000 to 25,000 bushels, depending on height. "This model size can also be a higher-capacity and more cost-effective alternative for similar-sized hopper tanks with cone bottoms," Waits added. "A flat bottom storage tank that sits on the ground not only holds more grain, but also eliminates the need to install legs."

Z-Series Bins include an easy-to-use touchscreen control to automate the process and a unique aeration system proven through field testing to maintain uniform grain quality comparable to conventional systems. Air is distributed through the central reclaim to flexible tubes that move with the liners.

For 2019, GSI expects to expand its Z-Series Bins with Flexwave Technology with larger-capacity sizes. To learn more, farmers can contact their local GSI dealer or visit www.grainsystems.com/z-series.

Contact