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NEW GENIE® LIFT GUARD™ CONTACT ALARM PROTOTYPE FOR SLAB SCISSOR AND VERTICAL MAST LIFTS TO BE SHOWN DURING OSHA NATIONAL SAFETY STAND-DOWN WEEK
New system alerts operators, occupants and ground personal to potential hazards when working at height.

REDMOND, WA (May 8, 2018) – Genie® protective solutions continue to evolve. Highlighting a new generation in innovative solutions, a prototype of the Genie Lift Guard™ Contact Alarm system for Genie GS™ slab scissor lifts and Genie GR™, GRC™ and QS™ vertical masts will be shown to customers in North America during the OSHA National Safety-Stand Down, May 7-11. This system is an electronic secondary guarding solution designed to activate when an obstruction makes contact with an activation whisker mounted to the lift's platform guardrails, alerting operators, occupants and ground personnel to a potential hazard. The prototype will also be shown to Genie customers during Vertikal Days in Leicestershire, United Kingdom, May 16-17, and at HIRE18 in Brisbane, Australia, May 30-31.

“Operator safety and productivity are key considerations in the Genie design process,” says Michael Flanagan, Genie Product Manager, Terex AWP. “The goal of OSHA’s National Safety Stand-Down is to raise awareness of best practices for working safely at height. The Genie Lift Guard Contact Alarm system for slab scissors and vertical mast lifts is designed to supplement a trained operator’s situational awareness and provide a secondary layer of guarding while working at height. Showing this prototype during OSHA’s National Safety Stand-Down week gives us the opportunity to engage with Genie customers and end users, gaining feedback from them so we can tailor our future protective solution offerings to best meet their needs and expectations.”

According to Flanagan, the standard configuration for the Genie Lift Guard Contact Alarm system for slab scissors and vertical mast lifts will include two activation whiskers — one mounted on the front of the platform and one mounted on the rear.

How does it work?

The Genie Lift Guard Contact Alarm system for slab scissors and vertical mast lifts is designed to activate when an activation whisker is deflected by an obstruction, triggering the limit switch in the base of the assembly. When the system is activated, all machine motion will stop, an alarm will sound and beacons will flash. The operator will be able to continue driving or elevating the platform into the desired working position after acknowledging the activation system and machine stopped condition. According to Flanagan, a free-movement zone will exist between the activation whisker and guardrail, to allow mobility for operators and occupants after the system is activated.

Why this design?

“Genie customers throughout the world are committed to workplace safety, and we want to support their efforts with focused market solutions. We designed the Genie Lift Guard Contact Alarm system for slab scissor lifts and vertical masts to provide a level of secondary guarding equivalent to that available on boom lifts, in a package that meets the unique needs of scissor and vertical mast lift applications,” says Flanagan.

The Genie Lift Guard Contact Alarm system for slab scissor lifts and vertical mast lifts will go into production in late 2018. A retrofit kit will be available at time of production to allow for compatibility with Genie Smart Link™ system-enabled scissor lifts and vertical masts produced from 2011-2018.

For more information about Genie products and services, visit: www.genielift.com.

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About the OSHA National Safety Stand-Down to Prevent Falls in Construction

According to OSHA, fatalities caused by falls from elevation continue to be a leading cause of death for construction workers, accounting for 370 of the 991 construction fatalities recorded in 2016 (BLS data). The National Fall Prevention Stand-Down effort raises fall hazard awareness across the country in an effort to stop fall fatalities and injuries. OSHA is encouraging everyone to share Stand-Down stories on social media with the hashtag: **#StandDown4Safety**. For more information on OSHA’s Safety Stand-Down efforts, visit <https://www.osha.gov/StopFallsStandDown/>.

About Terex

Terex Corporation is a global manufacturer of lifting and material processing products and services delivering lifecycle solutions that maximize customer return on investment. Major Terex brands include Terex, Genie, Powerscreen and Demag. Terex solutions serve a broad range of industries, including construction, infrastructure, manufacturing, shipping, transportation, refining, energy, utilities, quarrying and mining. Terex offers financial products and services to assist in the acquisition of Terex equipment through Terex Financial Services. More information about Terex is available on its website: www.Terex.com, and on its LinkedIn page — www.linkedin.com/company/terex and Facebook page — www.facebook.com/TerexCorporation.