Dyno Nobel introduces electronic initiation system

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Dyno Nobel's new Ranger electronic initiation system will power the DigiShot blasting system. Photo: Dyno Nobel

Dyno Nobel released its new Ranger electronic initiation system, which will power the DigiShot blasting system.

Traditionally, Dyno Nobel says detonators are assigned a hole location only and delay times are set at the time of blasting.

A flexible tagging option provided by the Ranger system allows for assigning both hole location and delay time at the hole or assigning delay times at any time. This also enables users to adjust the process to their needs, speeding up the tagging process. Delay time can also be changed with the push of a button, Dyno Nobel says.

Additionally, the Ranger offers a "tag by plan" option that provides a predesigned pattern. Users only need to align the correct hole with the valid hole number on the tagger, reducing the risk of potential user error.

"Eliminating misfires is crucial to ensuring safety and productivity," says Braden Lusk, president of Dyno Nobel Americas. "The Ranger delivers the safety and reliability that customers need by providing both automatic detonator detection and voltage verification in an easy-to-use unit."

Along with the DigiShot tagger, Dyno Nobel says Ranger seamlessly integrates with ViewShot to provide for a complete blast optimization system.