

2017 WJTA-IMCA Safety Award

Terydon, Inc., Navarre, Ohio, is the recipient of the 2017 WJTA-IMCA Safety Award. The award is presented in recognition of Terydon's leadership and tireless efforts in creating and providing an innovative means of safety for the high pressure waterjet industry.

Terydon focuses on implementing safety-oriented, state-of-the-art technology with the end-user in mind.

Using a unique market approach that reflects the company's investment in safety, Terydon created the Lunch Box Universal Wireless Control, which reduces the risk of "slips, trips and falls" injuries and removes the operator from the blast zone. The Lunch Box provides wireless control to a variety of waterblasting tools via a touchscreen tablet.

This technology is also incorporated in Terydon's Wireless Jack Track Cutting System, with an embedded Gravity Sensor that automatically shuts off water should the bug sense irregular motion. The wireless control allows the operator to control the tool from a safe distance beyond 25 feet so that the operator is not only out of the blast zone, but also far enough away that he does not have to wear a slicker suit, which contributes to heat exhaustion.

For cleaning tube bundles, Terydon has developed two hose feeding devices that fully contain the high pressure hose and feed the hose.

Terydon's LiSENSE Sensor Technology with Electric RSV-60 Bi-Mode turns off high pressure water should the sensors fail to recognize the surface being cleaned. Once these sensors become removed from the cleaning surface, the electric signal back to the dump valve shuts water off in less than a half second, four times quicker than an industry-accepted pneumatic dump valve. Terydon's focus on safe hands-on tooling is also showcased by being the first manufacturer to put Anti-Withdrawal Clips on hose connections to hand guns, a procedure that is now a standard in the waterblasting industry.

Based in Northeastern Ohio, Terydon Inc., has been designing and manufacturing high pressure waterjet systems since 1994. With 23 years of ultra high experience, development, and design, Terydon has presented a product line that does not promote safety as a luxury, but instead as an expectation. Its slogan "Common Sense and Technology" describes Terydon's approach to the market since its origin; user-friendly tools that are enhanced by advanced mechanization and low voltage electronics.



The Terydon safety team, clockwise from top left: Terry Gromes Sr., Gary Manack, Gordon East, Jon Shockey, Terry Gromes Jr., Kristen Gromes, and Elizabeth Gromes. Not pictured is Jamie Gromes.