

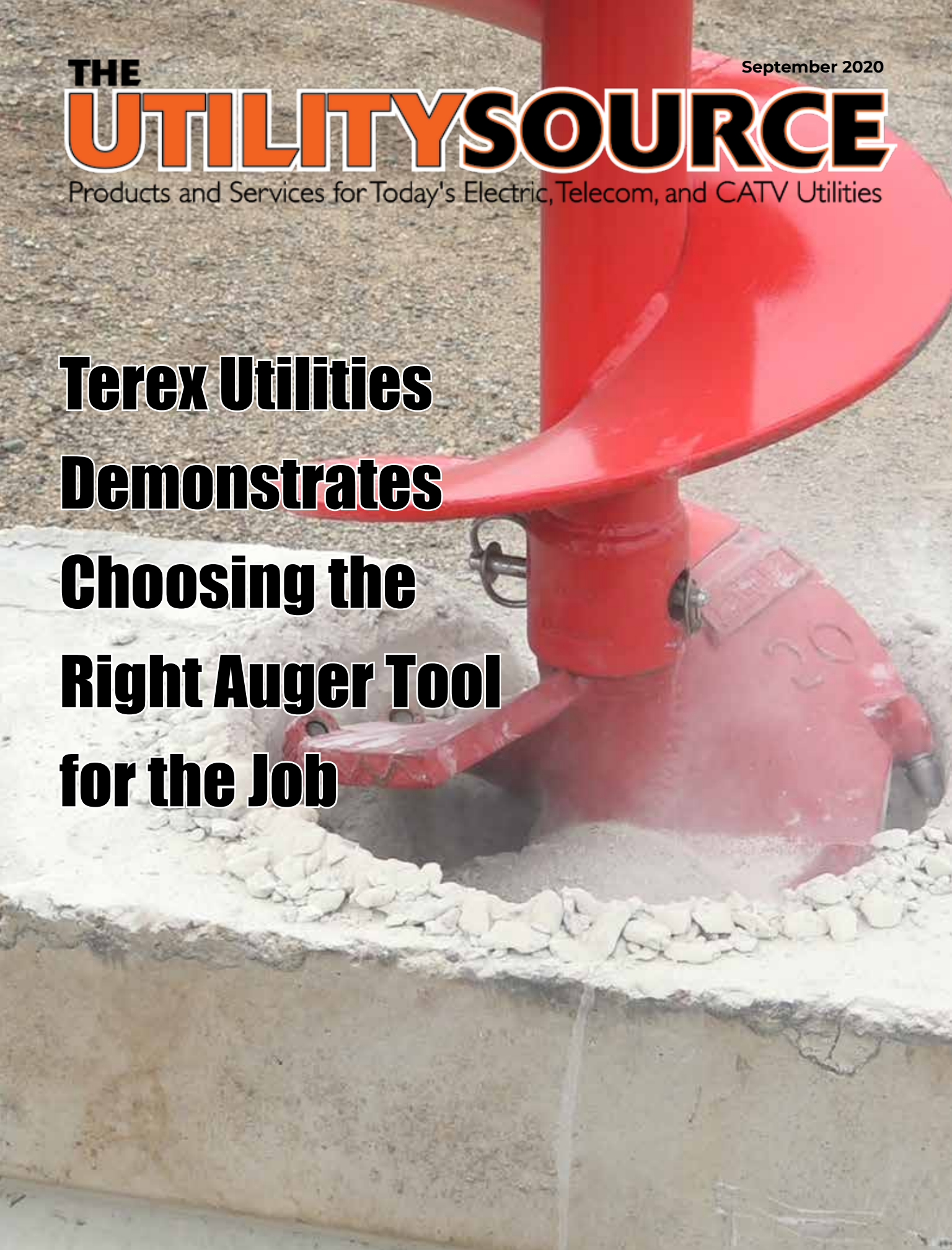
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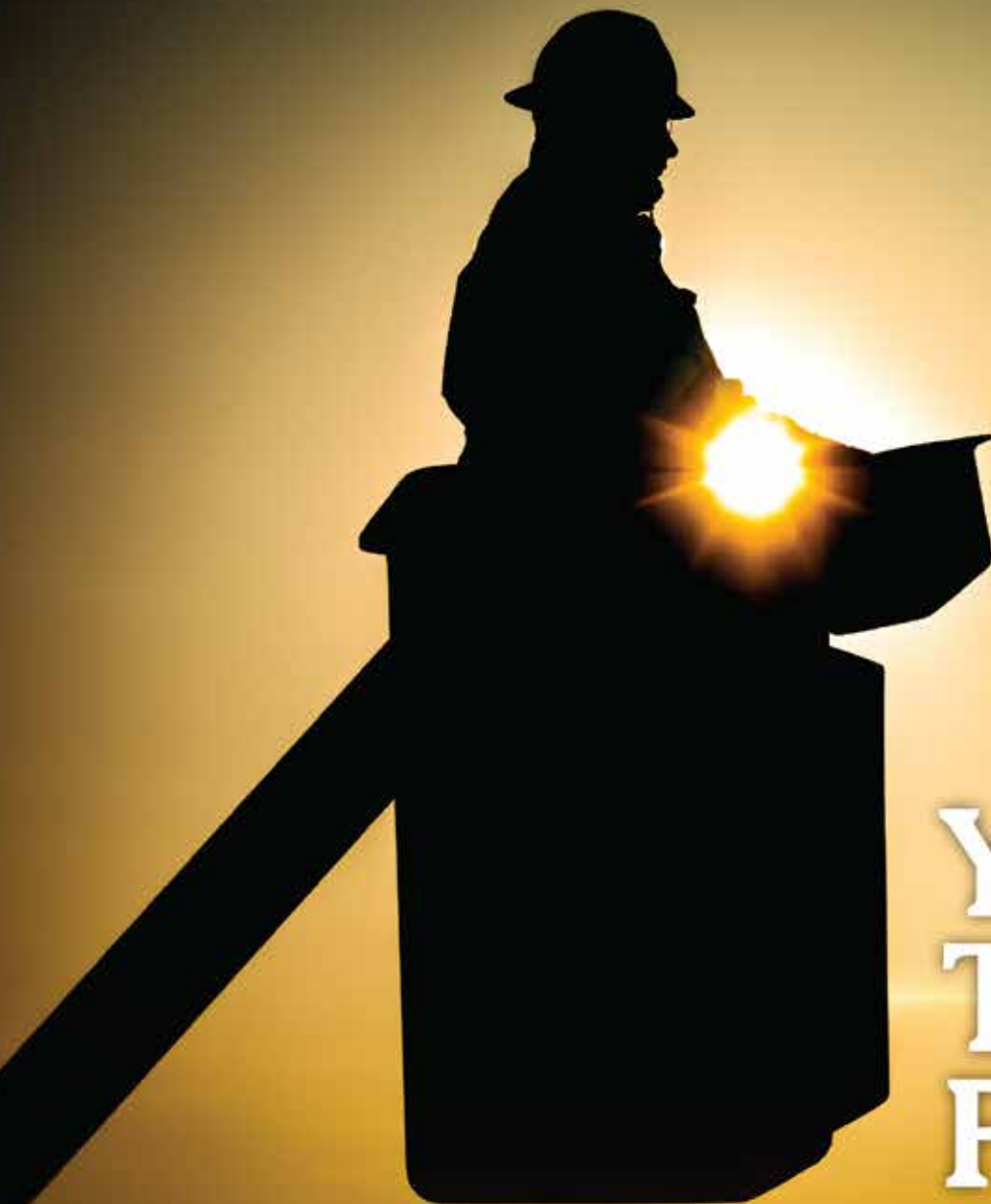
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## **Terex Utilities Demonstrates Choosing the Right Auger Tool for the Job**





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# THE UTILITYSOURCE

Products and Services for Today's Electric, Telecom, and CATV Utilities

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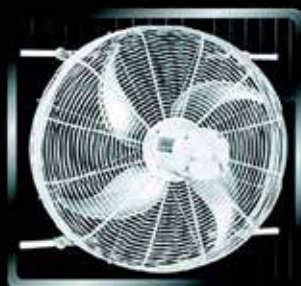
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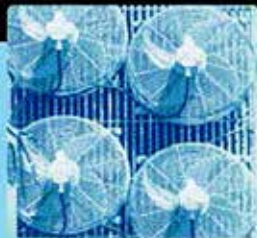
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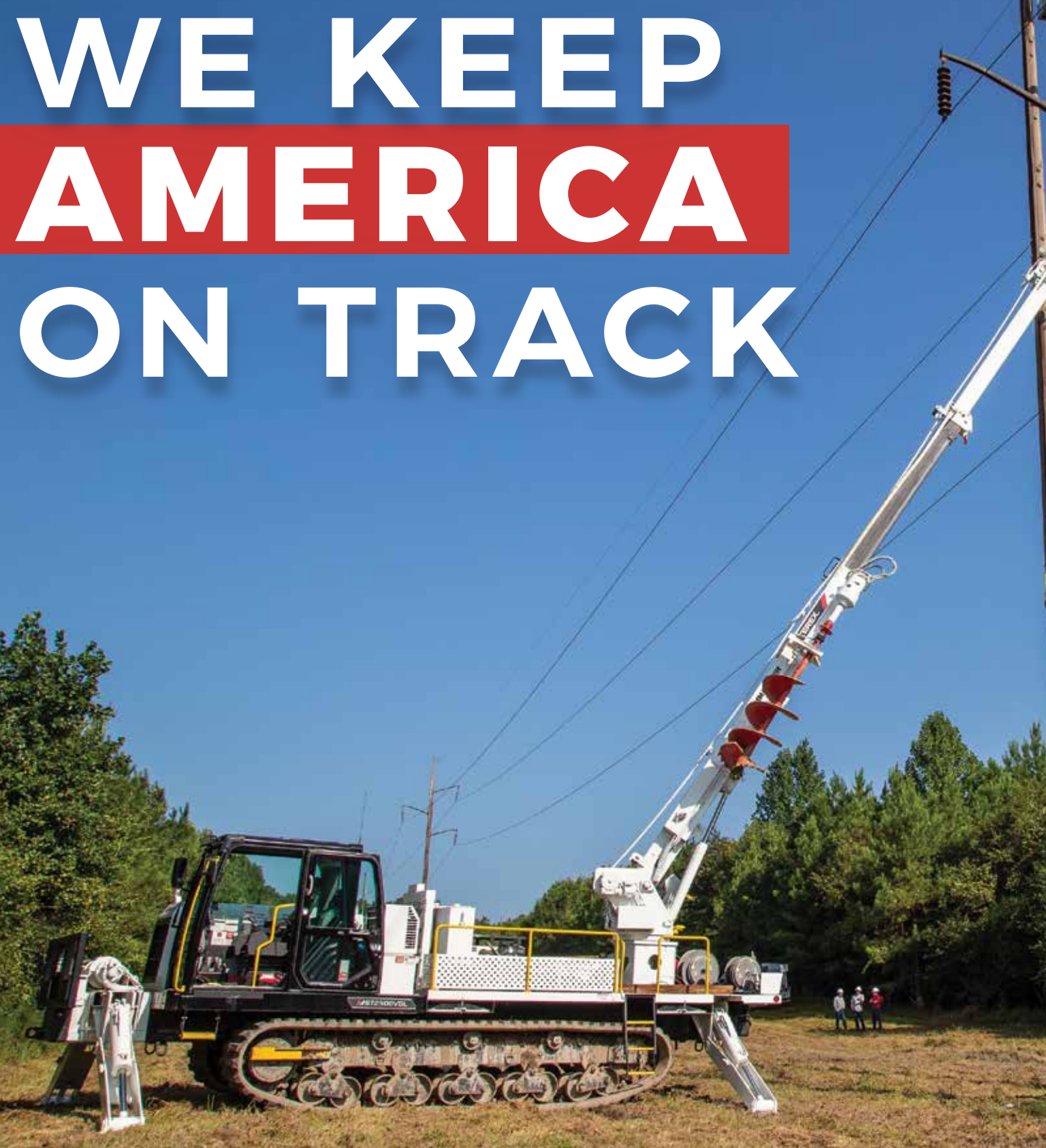
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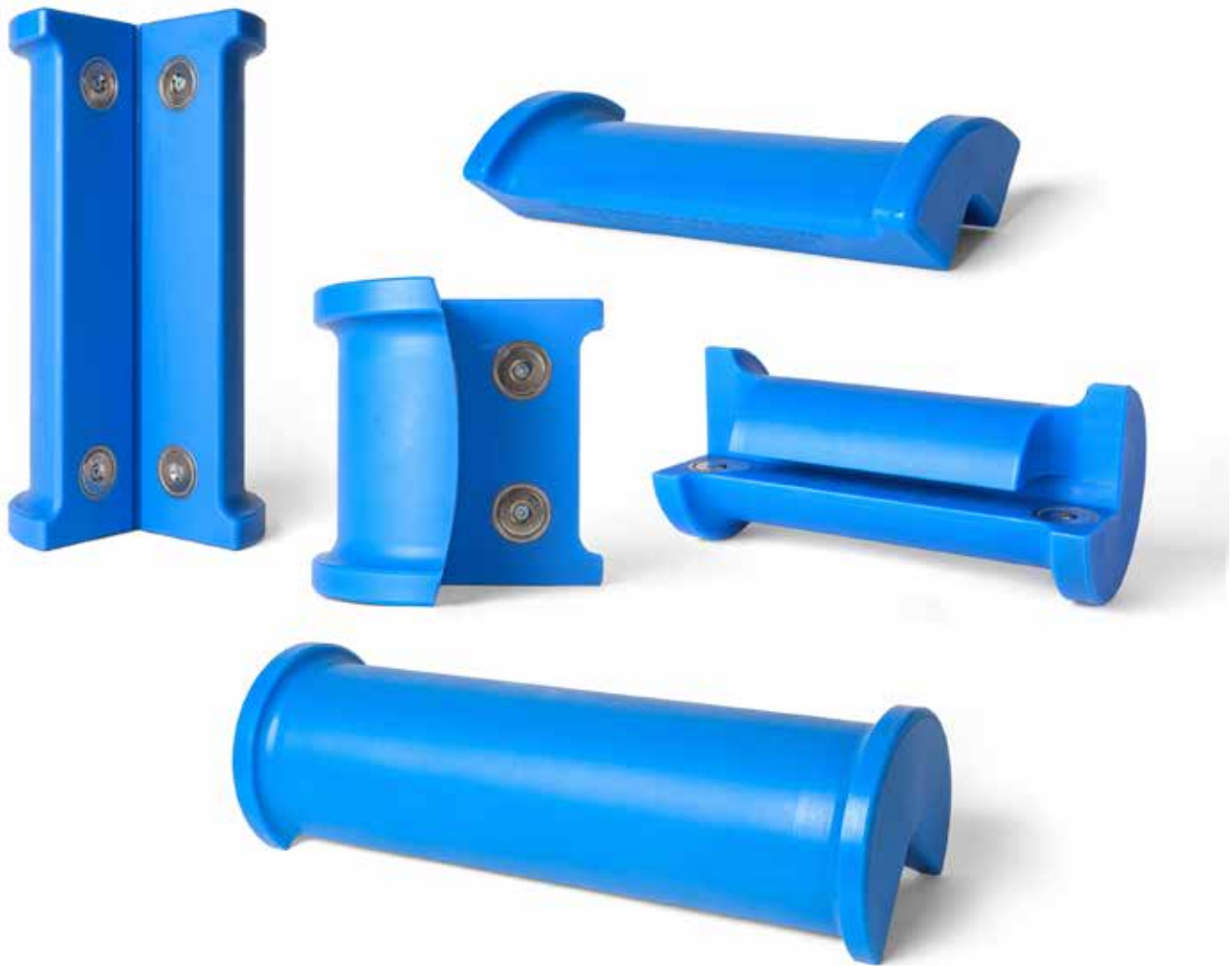
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## DICA Announces LiftGuard Magnetic Sling Protectors

DICA announces a brand name change for its acquired Linton Rigging Gear line of products to “LiftGuard Magnetic Sling Protectors.” LiftGuard joined the DICA family of engineered products following the company’s acquisition of Linton Rigging Gear earlier this year.

LiftGuard Sling Protectors prevent damage to slings caused by contact with abrasive edges, corners, or protrusions from loads being lifted. They also keep the sling away from other significant contact points during lifting operations. Medium Duty, Heavy Duty, and Coil Edge protectors have magnets installed to make the placement of these edge protectors simple, safe, and efficient. As a bonus, LiftGuard protectors weigh 1/7th the weight of steel. They are available with optional Velcro® straps to ensure proper sling placement, allowing the protectors to stay attached to the slings when removing them



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from loads placed at higher elevations.

“We made the name change to highlight the phenomenal dual sling and load protection benefit LiftGuard provides. All slings, especially synthetic web and round slings can be damaged during lifting, and loads are susceptible to damage from chain and wire rope slings if they are not properly protected,” said Kris Koberg, CEO of DICA. “Edge protection with sling use is critical in preventing sling failure and is an OSHA requirement and ASME standard,” he explained. (OHSA 29 CFR 1910.184(c)(9) and ANSI B30.9)

When using synthetic web slings, the capacity of Medium and Heavy Duty LiftGuard Edge Protectors is calculated at 12,500 psi/1” of sling width per protector. When using synthetic round slings, wire rope slings, or chain slings, LiftGuard product capacities are 12,500 psi of compressive strength per protector.

In addition to cut and abrasion protection, LiftGuard Sling Protectors also provide sling capacity benefits. The shape of each LiftGuard protector creates a D/d ratio of 5/1 or 5. This high D/d ratio allows users to utilize 75% to 90% of their sling capacity. Lower D/d ratios severely limit sling capacity utilization and can lead to sling overload.

LiftGuard Magnetic Sling Protectors are available in Medium Duty and Heavy Duty models. Specialty Grooved units are designed for I-beams and Coil units are available for lifting steel coils.

Medium Duty Protectors are ideal for use with all synthetic web slings. They can be used with wire

rope and chain slings when lighter loads or lower frequency use is planned.

Heavy Duty Protectors are specially designed for lifting heavy loads with wire rope and chain slings. The additional material thickness allows for better load distribution and long-term durability.

Grooved Protectors are available in both Medium and Heavy Duty models. These protectors allow for a secure connection to the flange of an “I-Beam” or the edge of a steel plate.

Coil Protectors are designed to fit securely within the center bore and top radius of steel coils.

“Cut and damaged slings are the cause of many rigging related accidents. Using LiftGuard eliminates the need to use makeshift load or sling protection, or take unnecessary risks. We are excited to bring the LiftGuard product line, and all of its merits to the industries we serve,” said Koberg.

#### *About DICA*

*DICA, Guthrie Center, Iowa, has been specializing in building a better outrigger pad since 1988. By creating engineered solutions for improving equipment stability and ergonomic safety, DICA is leading the way in product innovation for outrigger pads, crane pads and cribbing.*

*DICA outrigger pads and crane pads are used in 38 countries and on 6 continents around the world in construction, maintenance, electrical utility, oil and gas and tree care as well as local, state and federal government agencies. Learn more at [www.dicausa.com](http://www.dicausa.com)* •



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# Terex Utilities Demonstrates Choosing the Right Auger Tool for the Job

Terex BTA Spiral  
Auger with Carbide  
Bullet Teeth

Concrete  
Demonstration

00:12:18:01

Terex Utilities has released a video demonstrating the importance of selecting the right auger tool for the job conditions. Selection factors include auger style tools or barrel tools, various types of teeth, and multiple tool sizes. "With the right tool, you can reduce dig time, eliminate overheating, and improve productivity," said Greg Adler, Regional Account Manager for Auger Tooling.

In the video, Terex Utilities performs a side-by-side comparison of its TXC Auger and BTA Spiral with carbide bullet teeth drilling into the concrete. The TXC is best for loose, compacted soils; stiff clays, shale, cobbles, and medium rock strata. It's not designed for cutting through concrete or hard rock. In contrast, the BTA Spiral is efficient for drilling into hard rock and concrete. After about 12 minutes, there is a drastic contrast in the amount of work accomplished by the BTA Spiral.

"Be sure to match the tool with the ground conditions. Most tool specifications will include a description of the type of applications for which the auger tool or barrel is designed. In addition, the type of teeth on the pilot bit is directly related to the application it's designed to work in," said Adler. He also recommends that the pilot bit and flighting teeth are compatible, with the same strength and cutting characteristics.

"Augers have flights to lift the spoils that are loosened by the teeth and a pilot bit that stabilizes the



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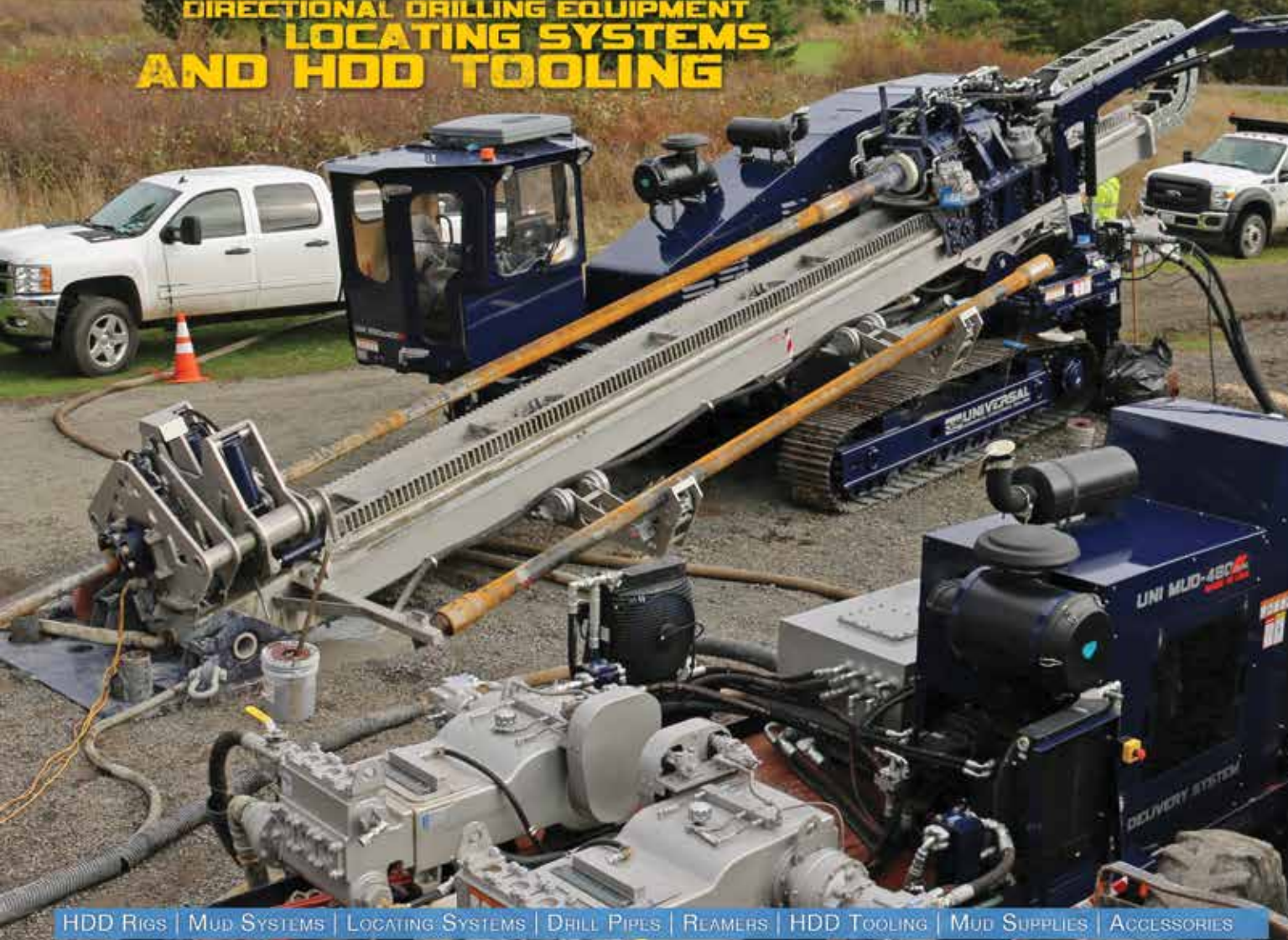
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drilling process for a straight hole, while core barrels cut a single track applying more pressure per tooth, removing rock materials by lifting out the material as individual plugs," said Dale Putman, Product Support Manager. The second demonstration in the video is of the Terex Stand Alone Core Barrel, shows just that process in action.

Find the Terex Auger Tooling Comparison video at: <https://vimeo.com/450234714>

This and other videos from Terex Utilities are available in the Video Gallery: <https://www.terex.com/utilities/en/about/video-gallery>

## About Terex

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# Enerdine Launches Halo-Valve Natural Gas Safety Breakaway to Address Gas Meter Impact Leaks

Enerdine, a natural gas equipment manufacturer working closely with GTI to improve the safety of this utility, has introduced the HaloValve natural gas safety breakaway, which creates a clean break between meter and riser and immediately seals the gas line in the event of a gas meter impact leak.

“Our partnership with GTI and OPW Engineered Systems combines the industry and engineering expertise to provide equipment that effectively addresses the biggest natural gas challenges. One of the most prevalent incidents is impact damage to residential and commercial gas meters, which can cause gas leaks,” said Dave Morrow, Director of Sales. “The new HaloValve breakaway is the only technology on the market that provides instant and effective protection against common, but dangerous, gas line breaks.”

There are five major causes of gas meter impact damage, including:

- Vehicle Impact — Distracted or impaired drivers pose a threat to meters, especially in commercial settings
- Negligence — Tractors and lawn mowers, or items improperly stored near meters
- Settlement — Over time, the settlement of the meter set puts stress on the pipes and compromises the connection
- Damaged Bollards — While designed to protect, when hit by a vehicle, bollards are often



the objects that cause damage to gas meter sets

- Acts of Nature — Falling snow and ice, tree limbs or impact caused from high winds

HaloValve is a patented breakaway valve installed to the riser where most breaks occur, including those caused by the above phenomena. Upon impact, HaloValve instantly seals the line, preventing the flow and accumulation of gas until the line can be repaired.

A safe and efficient way to power homes and businesses, natural gas is increasingly becoming the fuel of the future. To keep the supply of natural gas even safer, Enerdine works with GTI and OPW Engineered Systems to develop solutions for the industry's biggest challenges.

While a catastrophic incident is not going to result from every single meter impact or leak, it is a costly hazard for homeowners, businesses and personal safety, and one that has only been prevented by low-tech solutions like bollards. To learn more about Enerdine and its new HaloValve natural gas safety breakaway, please visit [www.halovalve.com](http://www.halovalve.com) or contact Enerdine at [www.enerdine.com/contact/](http://www.enerdine.com/contact/) •



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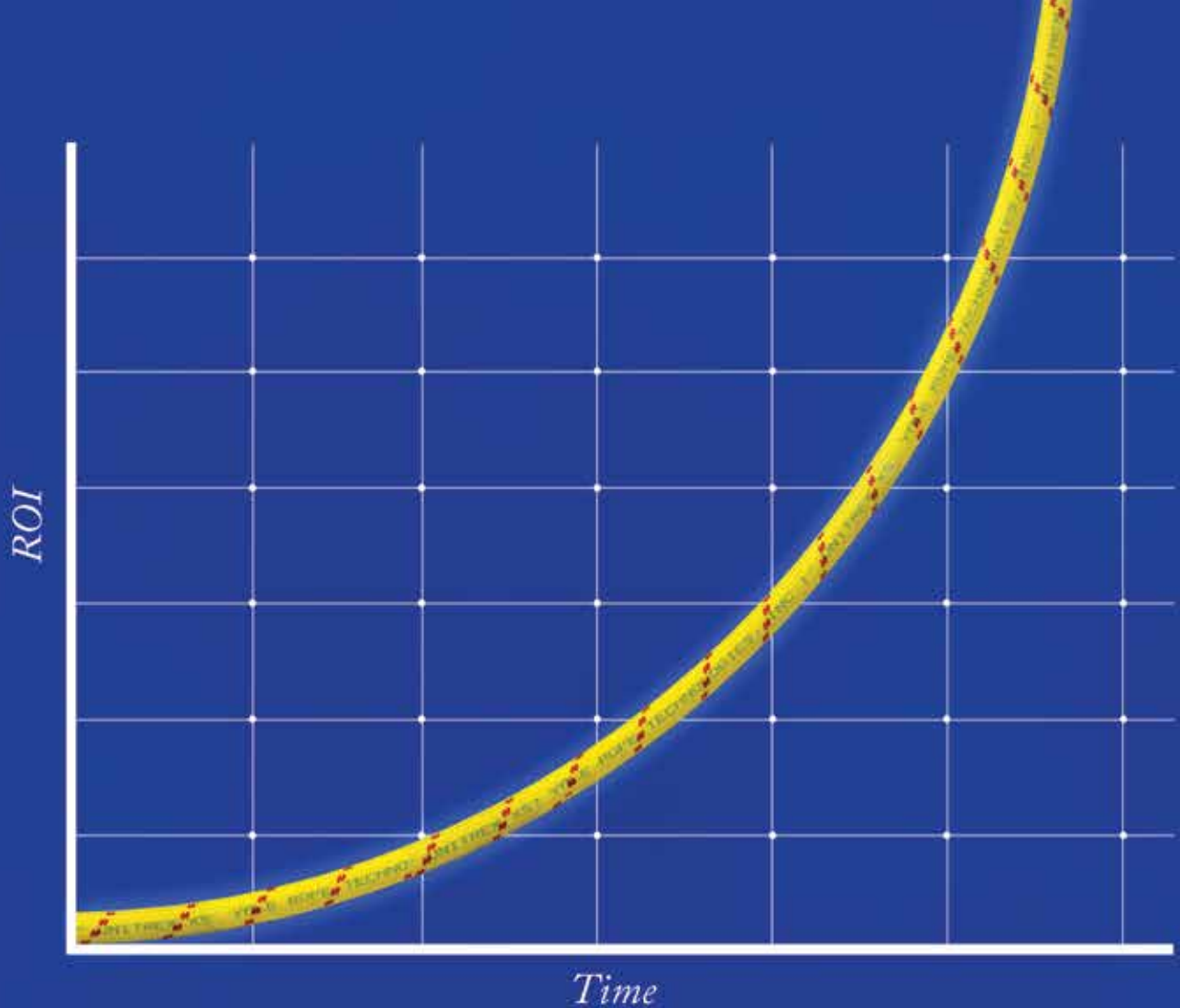


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