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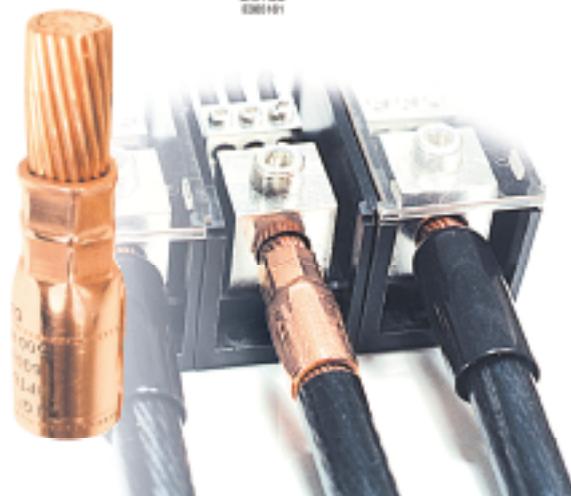
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# Klein Tools® Introduces the 2-in-1 Impact Socket Set to Help Utility and Construction Professionals Save Time Between Tasks

---



Klein Tools ([www.kleintools.com](http://www.kleintools.com)), for professionals since 1857, introduces the 2-in-1 Impact Socket Set, which includes 12 common impact socket sizes used in utility and construction applications. Its six sockets feature hands-free adjustment between sizes to help save time on the job. This convenient tool set extends Klein Tools' existing line of Impact Socket Wrenches.

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"Construction and utility workers use multiple impact socket sizes in their daily work, and manually switching between varying sizes is time consuming and inconvenient," says Kozeta Topchian, senior product manager at Klein Tools. "Klein Tools' new 2-in-1 Impact Socket Set equips professionals with 12 commonly used socket sizes. Each socket features hands-free adjustment, so professionals can switch between sizes without removing their work gloves, reducing the amount of time and effort required to finish the job."

For more information, visit [www.kleintools.com/new-products](http://www.kleintools.com/new-products) or search for #NewKleins on social media.

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# Superior Stud Detectors Improve Hardware Store Options

To meet DIYer and contractor demand, hardware stores are providing advanced stud finders with more sensors and a wider, horizontal display that enables sensing the full width of the stud

Although there are a variety of price points in the hardware market for stud finders, store owners and managers are rounding out their offerings to include units with more sophisticated sensing technology to satisfy DIYer and contractors looking for greater accuracy and ease of use.

For many, stud finders have a reputation for being somewhat difficult to operate and with varying results in identifying stud location. Even higher priced options with LCD screens typically utilize the same one or two sensors as lower-end models and so offer similar sensing technology.

Now a growing number of hardware stores are offering advanced stud finders that utilize as many as six times the sensors, along with a much wider, horizontal profile, that more accurately and effectively identify the full width of the stud.

“We’ve been really surprised and happy with the sales of the more advanced stud finders, which have rounded out our in-store offerings and given us a ‘wow factor’ that gets customers’ attention,” says Leah Nelson, hardware store manager at Caldwell True Value in Caldwell, Idaho, an independently owned affiliate of True Value.

Hardware store managers like Nelson are also finding that more accurate stud finders are proving popular with a wide range of customers. This includes everyone from DIY homeowners mounting shelves, framed pictures, and wall-mounted TVs to drywall, plumbing, electrical, and remodeling contractors.

By Del Williams



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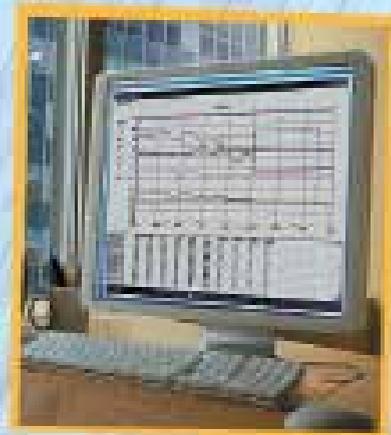
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Roberto Giannetti, Purchasing Manager of Preston Hardware, and independently owned retailer in Ottawa, Canada, agrees.

“The accuracy is what caught my eye, because it is very important for our DIY and contractor customers to know where the stud starts and where it stops,” explains Giannetti. “That way, when they are hanging items on walls they know exactly where to drill to get the strongest support for the items they are mounting.”

#### Improving Accuracy and Ease of Use

Although there is no shortage of stud finders in the hardware market, traditional units with one or two sensors may not delineate the location of studs clearly enough.

These units typically require the user to calibrate the unit by sliding it from left to right until a stud is identified by a single LED light and an audible beeping sound. Additionally, because most traditional stud finders are

vertically oriented, the units sense a narrower segment of the wall – usually 2-3 inches – and the single LED light does not show the full width of the stud. Furthermore, textured walls or even an unsteady hand can cause the unit to error out and the process re-started again.

As a solution, more advanced units with a greater number of sensors can more accurately delineate the location of the stud. Because these units are available in a horizontal configuration, the sensing area is much wider and can locate the edge and center of studs simultaneously.

Unlike traditional designs, the units by Franklin Sensors, a Meridian, Idaho based manufacturer of professional stud finders, utilize up to 13 sensors. The 7-inch, horizontally oriented device includes LEDs spaced across the entire width of the product that illuminate to show the full width of the stud – usually 3 lights for each standard 2” x 4”. Studs are shown, as well as any gap between them.

Giannetti decided to carry the advanced stud finders for the increased accuracy of the readings and the improved fastening security it brings to homes and jobsites, which is important to his customers.

“With the advanced stud finders, you know where the stud starts and where it stops, so you can fasten securely in the center of the stud,” says Giannetti, who appreciates how the lit LEDs denote the full width of the stud.

For Nelson, enhanced accuracy and ease of use was the deciding factor in initially splitting a case of the more advanced stud finders between Caldwell True Value and a nearby sister store.

Conventional stud finders typically require six steps to take a stud reading: placing it on the wall; pressing a button; selecting correct mode; waiting for a calibration beep; sliding it to find

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the stud; and repeating this process from the opposite side. Instead, the advanced unit reduces this to one step: just press the button and scan. No calibration is required.

"You press the button, slide it across the wall, and you instantly know where the stud is," says Nelson, who notes that this makes it easy to use even for customers who have never picked up a stud finder before.

To give customers some hands-on experience, Franklin Sensors provided a demo display wall to both Caldwell True Value and its sister store, so customers could actually use the devices to locate studs themselves.

Nelson says that the wall display lets customers see how easy the units are to use, and check the accuracy, either by themselves or with a sales associate. She adds that Caldwell True Value sales associates have used the units either in-store with the demo display board, at home, or both, and believe in the product, which makes sales easy.

According to Nelson, the customer response to the advanced stud finders has been very positive. Due to an increased in-store demand for the advanced stud finders, Nelson says that both Caldwell True Value and its sister



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store are continuing to reorder the units as a result of increased customer demand.

Preston Hardware's Roberto Giannetti also utilizes a wall display because, "it gives customers the opportunity to test the item and compare it to their current stud sensor."

He also reports that customer responses have been positive.

"When we're out of stock, customers always ask us when it's going to be back in stock," explains Giannetti. "We even get word-of-mouth referrals. A guy uses it at a jobsite and someone asks 'where did you get that [stud finder]?' They say they got it from Preston Hardware and that is how we are getting some new business."

For more info, call (208) 918-2405; visit <https://franklinsensors.com>; or write to Franklin Sensors Inc., 6675 N Pollard Lane, Meridian ID 83646.

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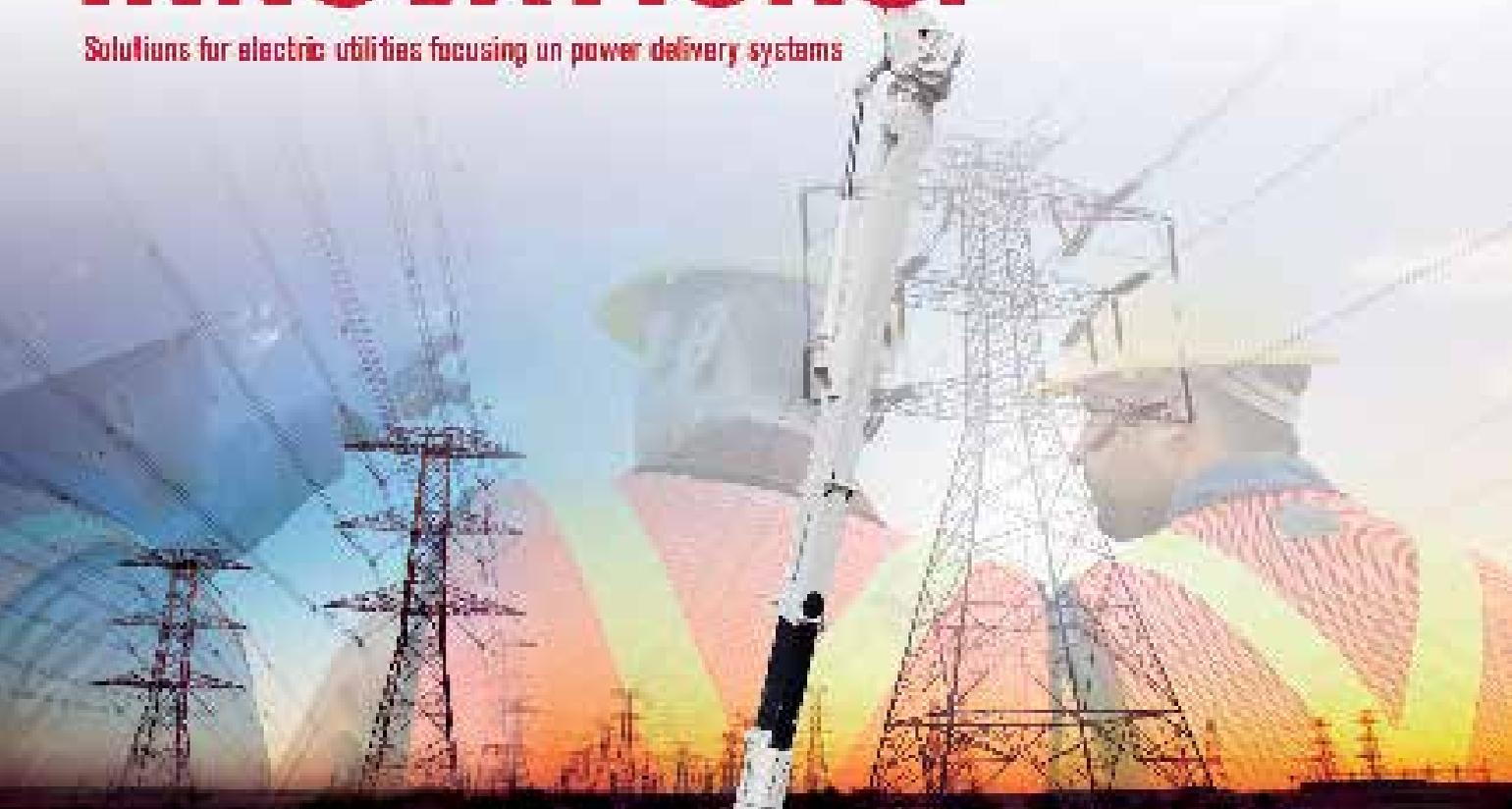
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## Terex Supports NCCCO Certification for Drill Rig Operators

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Terex Utilities announces that Dale Putman, Product Manager, was part of the first group of individuals to become a certified Foundation Drill Rig Operator. The designation is one of two new certifications developed by the National Commission for the Certification of Crane Operators (NCCCO) in conjunction with the International Association of Foundation Drilling (ADSC). Following receipt of Foundation Drill Rig certification, Putman also became accredited as an NCCCO Practical Examiner for the Foundation Drill Rig program.

“Being knowledgeable about our customer’s business extends beyond just knowing how and where Terex equipment is used,” said Putman. “We think it’s important to be a driving force to promote safe work environments for operators in the drilling industry. By getting certified myself, I can set an example when I operate Terex auger drills in the field with customers,” he said. Putman is also an NCCCO-certified Digger Derrick Operator.

Although OSHA does not currently require operators of drill rigs to be certified, employers must ensure operators are trained and qualified. Until now no independent mechanism has existed for operators to demonstrate knowledge, skills and abilities for operation of this equipment. “The unique challenges and operational practices required by drill rig equipment necessitated new certification exams different from any other NCCCO program,” said NCCCO Director of Operations, Joel Oliva.

The ADSC pro-actively sought the development of a certification because of increasing requests from Project Owners or General Contractors for such credentials, explained Richard Marshall, CHST, ADSC’s



Director of Safety. Development of the certification began in 2017. Putman and Jason Julius, Technical Support and Training Development for Terex Utilities, were members of the certification task force. "Terex Utilities generously donated their experience and time, but also excerpts from various operator's manuals for use in the development of reference manuals and candidate study guides," said Marshall.

To achieve NCCCO certification for Foundation Drill Rig and/or Anchor/Micropile Drill Rig, candidates must successfully complete written and practical exams, including demonstration of inspection; use of safety protocols; identification of controls; and ability to pick and laydown pipe, position tools, drill, and safely secure the equipment in shutdown.

In order to become a practical examiner, one must pass the written core and specialty exams, and the practical exam. Then the examiner candidate must attend an NCCCO Practical Examiner Workshop to learn policy and procedures. "Dale was one of the first individuals to become an NCCCO Certified Practical Examiner for Foundation Drill Rigs. Something that Terex Utilities should be proud of! Dale's participation helped provide the industry with quality assessments that are specifically focused on the work that foundation drill rig operators perform on a daily basis. These assessments will ensure that operators are proficient and knowledgeable and thereby reduce risk and improve safety in the drilled foundation industry," said Marshall.

Candidates and test sites interested in preparing for the NCCCO drill rig operator certification exams can find additional information at [nccco.org/DRO](http://nccco.org/DRO) or email [info@nccco.org](mailto:info@nccco.org).

#### 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](http://www.Terex.com), and on its LinkedIn page -- [www.linkedin.com/company/terex](http://www.linkedin.com/company/terex) and Facebook page -- [www.facebook.com/TerexCorporation](http://www.facebook.com/TerexCorporation).

#### About NCCCO

The National Commission for the Certification of Crane Operators (NCCCO) was formed in 1995 as an independent, non-profit organization by industry to develop and administer a nationwide program for the certification of crane operators and related personnel. Since then, NCCCO has administered over 1,200,000 nationally accredited written and practical examinations and issued more than 425,000 nationally accredited and OSHA-compliant certifications in all 50 states. For all the latest NCCCO news, follow @NCCCOorg on Twitter.

#### About ADSC

The International Association for Foundation Drilling (ADSC) is a not-for-profit trade association representing the drilled shaft, anchored earth, and micropile construction and design industries. Headquartered in Irving, Texas, ADSC has 11 regional chapters including nine in the United States and two in Canada. ADSC members represent specialty subcontractors, manufacturers, suppliers, design and consulting engineers, government agencies, and academicians working in the public and private sectors. ADSC encourages the use of the technologies designed and constructed by its members to foster safe and ethical business practices. ADSC strives to be a recognized world leader in the research, development, education, design, and construction of drilled shafts, anchored earth retention, and micropiles; with safety and quality being held as its highest value.

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# Now Available, Crescent Lufkin® Shockforce™ and Nite Eye Tape Measures Poised to Set New Standard



Built for maximum utility and enhanced durability to withstand 100-foot

Tradesmen who use a tape measure thousands of times a year know what makes one stand out from the rest. It's with their input that Apex Tool Group—a premier tool manufacturer—developed its new Crescent Lufkin® Shockforce™ and Shockforce Nite Eye tape measures with patent-pending two-sided blade design and an industry-leading 14 feet of standout.

“Our extensive research determined what users were really looking for in a tape,” said Kevin Fitzpatrick, product manager. “Saving time was critical, so when measuring on a jobsite one person can now do a two-person measuring job using this tape. And, since a tape measure is one of the most used tools on a job site, we also focused on durability to create a product that withstands drops and lasts longer.”

The compact design features metal “roll bars” to protect the lock button against drop impact damage, while the simulated diamond-coated end hook provides 50 percent more hook grasp to prevent surface slippage. The dual-sided print combined with enhanced print size provide superior legibility for quicker measuring. The Nite Eye offers the same features, but with a high visibility green-on-matte black blade to be seen in any light condition.

Crescent Lufkin Shockforce Tape Measures are available in 16-foot, 25-foot and 35-foot options at hardware stores, home centers, online retailers, and industrial and commercial distributors.

For more, visit the Crescent Tools website.

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# Mack Trucks Adds Standard Shock Absorbers to Factory Auxiliary Axles

Mack Trucks' factory-installed auxiliary axles on Mack<sup>®</sup> Granite<sup>®</sup> models now feature standard shock absorbers for improved ride comfort, durability and tire life. Mack made the announcement at the Work Truck Show in Indianapolis.

By absorbing and helping reduce excessive vibrations, the shocks help improve durability of the auxiliary axles and the complete vehicle. They also help prevent uncontrolled axle hop and increase auxiliary axle tire life, cutting tire costs for customers. The smoother operation also reduces vibration transferred to the cab to improve driver comfort.

"Mack's factory-installed auxiliary axle options offer an integrated solution that improves lead time to customers who need to meet stringent bridge laws," said Tim Wrinkle, Mack Trucks construction product manager. "And now, with standard shock absorbers, we're lowering those customers' total cost of ownership, while improving the everyday comfort of their drivers."

Mack factory-installed auxiliary axles are tested and validated to Mack standards, and feature Huck Bolt installation for added durability. The auxiliary axles are factory aligned and their operation is fully integrated. In addition to laser-engraved axle up/down

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Mack's factory-installed auxiliary axles with standard shock absorbers are available on Mack Granite axle forward and axle back models.

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Mack Granite models also offer all-day comfort, thanks to an ergonomically designed interior developed with input from thousands of drivers. Commonly used switchgear has been relocated and placed within easy reach of drivers, while new Mack exclusive seats were designed in partnership with industry leader Sears Seating.

For more information on Mack's factory-installed auxiliary axles with standard shock absorbers, visit Mack Trucks booth 3523 at the Work Truck Show or contact your nearest Mack dealer.

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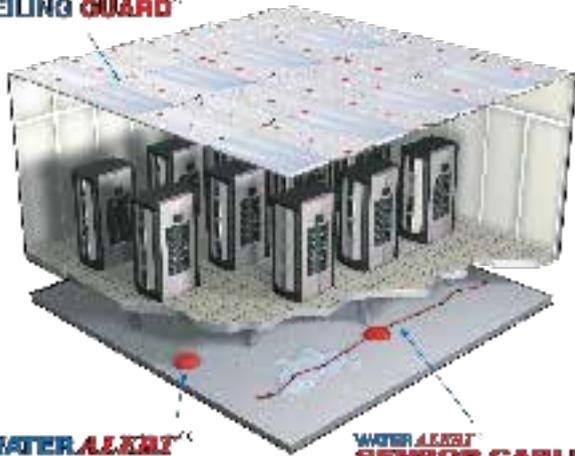
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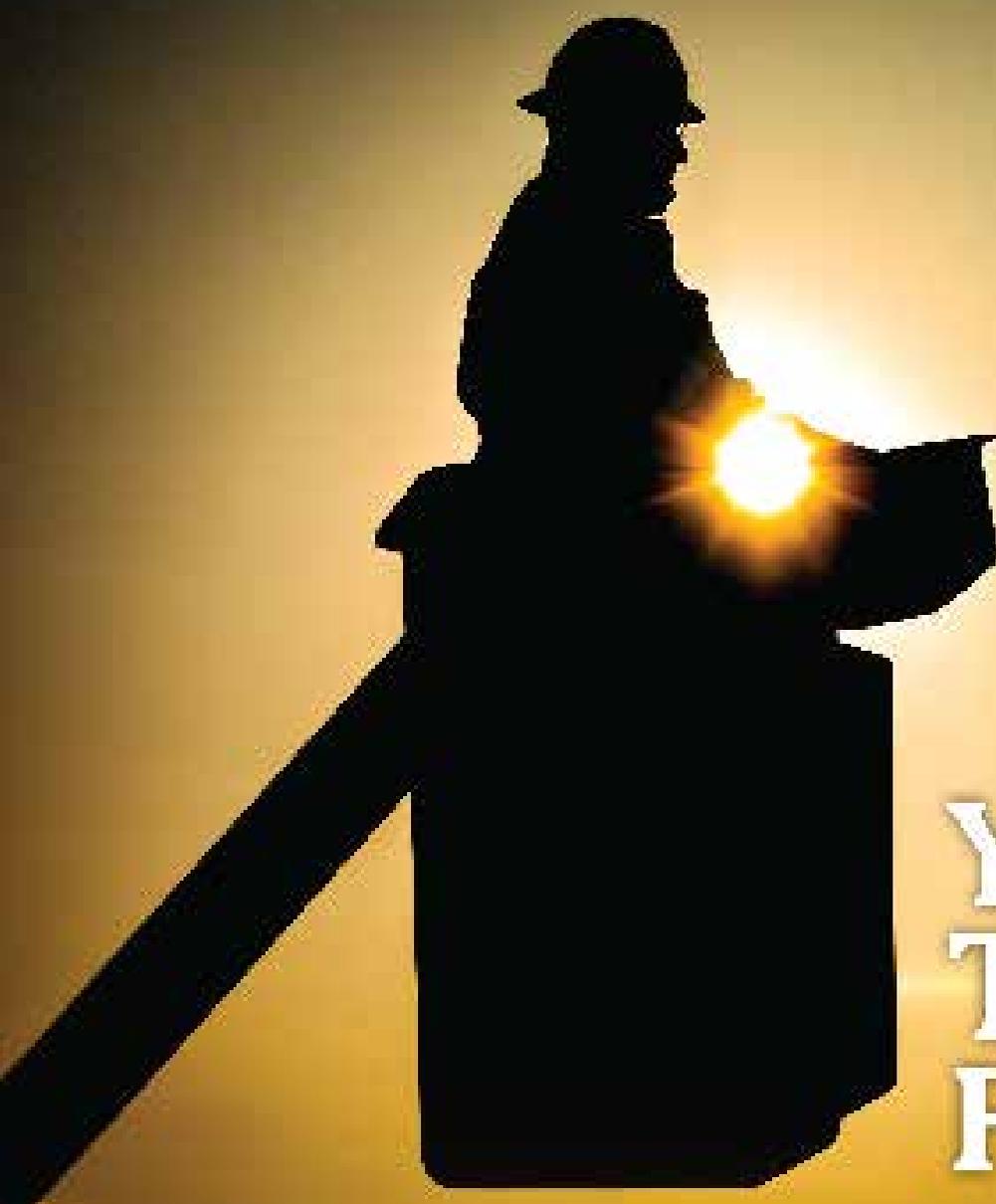
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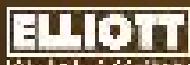
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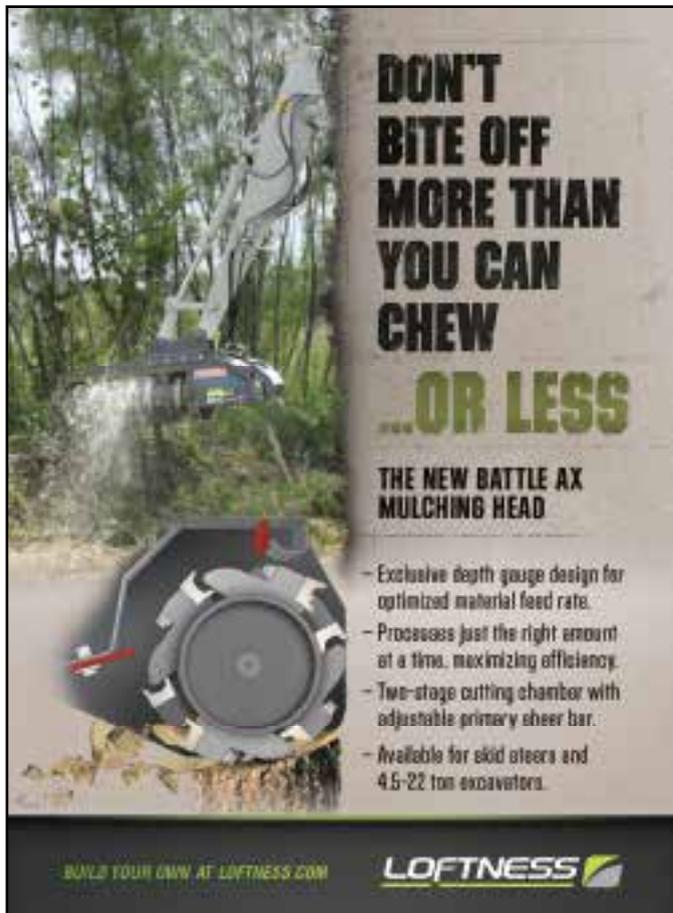
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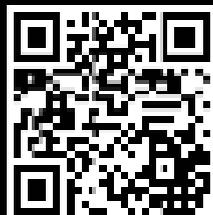


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