

THE

# UTILITYSOURCE

February 2023

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

**Mazio Demolition Attachments Line Ensures the Right Tool for Every Job**

**Three Gloves,  
One Mission:  
Comfortable  
Compliance**





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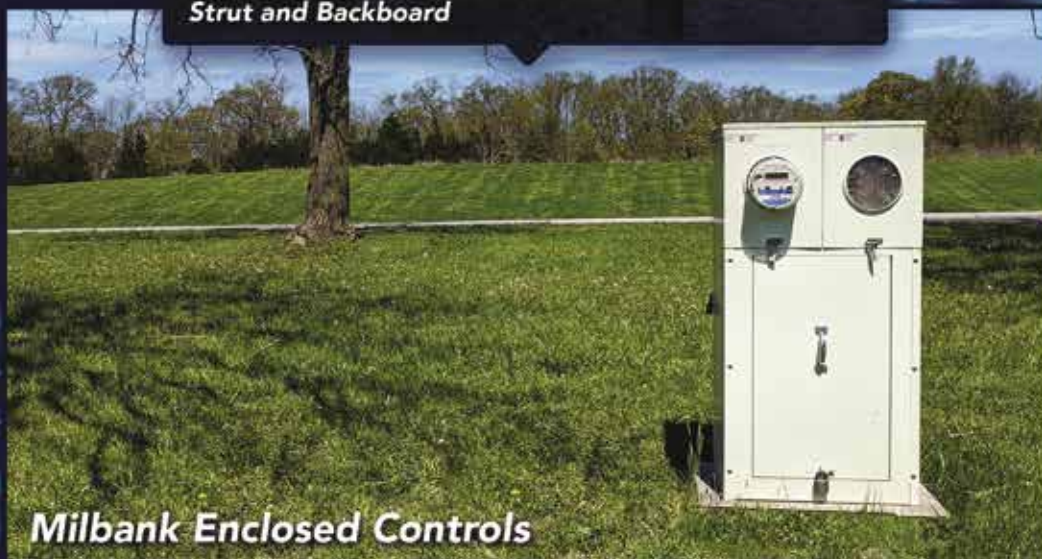


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# THE UTILITYSOURCE

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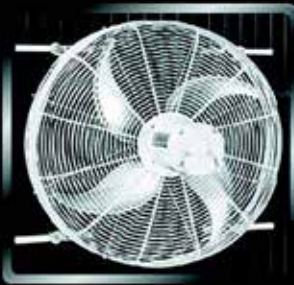
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# ALL Adds New Manitowoc Lattice Boom Crawlers



## ***MLC300 VPC-MAX, attachments, bound for national footprint***

The ALL Family of Companies is beefing up its stock of Manitowoc lattice-boom crawlers, with a focus on the versatile 330-ton class MLC300 cranes. The acquisition includes two new Manitowoc MLC300 VPC, two additional VPC-MAX attachments, one MLC300 luffing jib attachment, and one MLC650 3.5-meter-wide boom attachment.

The MLC300 VPC delivers unprecedented lifting performance with the strongest load charts in its class. A self-erect mast cylinder and other features reduce set-up time. Manitowoc's proprietary Variable Position Counterweight® (VPC®) technology actively engages all counterweight and eliminates the need for passive carbody weights — weight that can now be added to the upperworks to increase capacity while retaining performance and on-site mobility. The result is dramatically reduced transport configuration and better center of gravity for reduced ground bearing pressures.



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In addition to the VPC, the optional VPC-MAX attachment offers the ability to further increase the load chart, as well as boom and jib combination lengths. The VPC-MAX attachment increases the MLC300's max load moment and offers more compact tailswing, delivering greater lifting capacity in a smaller work environment. With VPC-MAX, the counterweight movement is dictated by forward movement changes, so the counterweight re-positions itself automatically as forward movement occurs, based on load lift, boom length, jib

length, and load radius. The VPC-MAX counterweight assembly never touches the ground, so job site preparation is also minimized.

Rick Mikut, ALL's crawler crane division manager, says the acquisition continues ALL's pledge to have the most up-to-date, best-maintained fleet. "We're excited to be updating and improving our MLC300-class offering to meet customer demand," said Mikut. "VPC-MAX and MLC300 luffing jibs have proved popular with customers in a variety of markets, including new construction, bridge construction, plant work, and others."

Mikut points to the MLC300's built-in versatility as well as its variety of attachments for making it a standout in its class. "These machines are so strong, and because the VPC-MAX doesn't touch the ground, they often use less matting than similar-class cranes. With their other features for quick set-up, they get working fast, saving customers time and money."

The new equipment, expected for delivery in early summer, will be strategically deployed across ALL's national footprint.

*About ALL*

*The ALL Family of Companies is the largest privately held crane rental and sales operation in North America. Their strategically located branches have access to one of the world's largest and most modern fleets, operating under the ALL, ALT, Central, Dawes, and Jeffers names. ALL provides rental, sales, service and jobsite analysis, helping to ensure that customers have the right equipment for the job. For more information, contact ALL Erection & Crane Rental at 4700 Acorn Drive, Cleveland, OH 44131. Phone: 216-524-6550. Toll free: 800-232-4100. Fax: 216-642-7633. On the Web: [www.allcrane.com](http://www.allcrane.com)*



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# Sherman+Reilly's New Heritage Series



The new Sherman+Reilly Heritage Series line packs in all the things expected from equipment produced by the industry leader. This new line includes a new 3,000 lbs. puller tensioner, a 2,000 lbs. pilot line winder, a 4,000 lbs. pilot line winder, and a 4,000 lbs. bullwheel tensioner, each built with the same reliability the company is known for, but in a redesigned trimmed-down style, without sacrificing safety or comfort.

"We spoke with many of our customers and distilled down what they told us they wanted: "old school" feel, solid, easy-to-use products with the operator safety features for which Sherman+Reilly units are well known," said CEO Mike Dunn. Each unit in the Heritage Series features Sherman+Reilly's patented Safe-Zone® enclosure with a curved patented OcuView™ screen and intuitive controls, ensuring safe and smooth operation.

## **PT-3000H**

First in the Heritage Series is the PT-3000H: a single-drum, multi-purpose distribution puller/tensioner. This model can pull 3,100 lbs. and tension 2,000 lbs. overhead. Tensioning at very low forces – down to





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100 lbs. hydraulically and even less force manually – is possible with the PT-3000H. An optional underground package with the capability of pulling 7,500 lbs. adds to the unit's versatility.

In addition, the PT-3000H can also be outfitted with an optional Spider® Pilot Line System with independent levelwind. Quick and easy X-Change™ bolt-action drum coupling, a Safe-Zone® enclosure with Ocu-View™, ergonomic control panel, adjustable seat, and a compact footprint round out the unit. Solidly built, the PT-3000H offers safe and easy-to-use operation at a competitive price point.

### **PLW-200H**

Next in the Heritage Series is the PLW-200H – a four-drum pilot line winder with a single drum capacity of 6,000 feet of 7/16 inch rope in an economical package. A Tier 4 Final, turbo-charged, 49 hp industrial diesel engine provides 2,000 lbs. top of drum pulling capacity. It also has an optional synchronized levelwind switch supports the installation of four conductors at once. Independent roller assemblies designed for each of

the four pilot lines are operated with remote reel engagement from the control panel inside the Safe-Zone® enclosure with Ocu-View™ screen.

### **BWT-1424H**

Also in the Heritage line is the BWT-1424H bull-wheel tensioner. It features two 42-inch diameter 5 groove bullwheels with a maximum tensioning capacity of 4,000 lbs. Equipped with the Safe-Zone® open air enclosure with Ocu-View™ screen, and a reel stand capable of a 8,000 lbs. maximum reel weight.

### **PLW-400H**

Additionally, the Heritage Series has the PLW-400H, a four-drum pilot line winder with a Tier 4 Final, turbo-charged 71 hp diesel engine providing the unit with 4,000 lbs. of pulling force. Control each of the four pilot lines by remote reel engagement accessible on the control panel located inside the Safe-Zone® enclosure with Ocu-View™ screen. Drum capacity is 16,500 feet of PE-12 or 22,000 ft. of 0.44 in. Unitrex® rope per drum. An optional synchronized levelwind switch supports the installation of four conductors at once.

Above all, with decades of experience building the safest and most reliable utility equipment on the market, Sherman+Reilly continues to steer the future of the market with innovative products. For more information on the Heritage Series and other Sherman+Reilly overhead equipment, call 423-756-5300 or go to [www.sherman-reilly.com](http://www.sherman-reilly.com) •







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## Mazio Demolition Attachments Line Ensures the Right Tool for Every Job

The complete line of demolition attachments from Port St. Lucie, Florida-based Mazio Attachments LLC offers contractors the tools they need to complete any demolition job — from primary and secondary crushers to multiprocessors, pulverizers, and grapples. Mazio offers six main attachment models, designed to fit excavators from 1 ton to 130 tons of operating weight:

- RS Series demolition crushers are designed for primary demolition work. With two hydraulic cylinders providing high strength for primary crushing, the RS Series crushers are ideal for crushing concrete, while reducing noise and vibrations. The RS offers a full 360° of rotation for accurate positioning, Hardox®/Weldox® structure, reversed cylinders to protect the cylinder rods, pressure relief valve, and interchangeable teeth and blades.
- The RV Series hydraulic rotating crusher works well in both primary and secondary demolition. Featuring a regenerative circuit for quick jaw opening and closing and a hydraulic rotation of 360°, the RV Series provides precise positioning of the crusher in every working condition. The RV features a Hardox 400 structure, reversed cylinders to protect the cylinder rods, pressure relief valve, and interchangeable teeth and blades.
- The functional and versatile MC Series multiprocessor with interchangeable jaw system is ideal for the contractor who works in both primary and secondary demolition. A fitting kit allows the jaw to be changed for demolition, recycling, and scrap applications. The MC Series has a Hardox/Weldox structure, dual reversed cylinders to protect the cylinder rods, pressure relief valve, and multiple jaw kits.
- Mazio FPV Series pulverizers for secondary demolition and recycling needs feature a 100% Hardox



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**-James "Jim" Bonner**  
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Designed with portability in mind, measuring **6" x 6" x 20"** and weighing in at **less than 10 lbs dry**. The unit is entirely self-contained and built to last with a 20,000 hour pump.



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steel structure, reversed cylinder to protect the rod, interchangeable teeth and blades, and a pressure relief valve.

- The MP Series of mechanical pulverizers provide speed and strength in pulverizing a variety of material on the demolition site, while also separating reinforcing rods from concrete. The MP Series requires no hydraulic installation because they utilize the piston pushing force of the excavator's penetrating arm to operate.
- Mazio's GR Series selection grabbers are built from wear-resistant steel and are designed to nimbly grab demolition materials for sorting and loading

In addition to its comprehensive product line, Mazio's demolition experts work in tandem with its dealers to provide contractors with guidance on ways to increase their productivity and profits, ensuring success. All Mazio demolition tools come with a 12-month warranty with no operating hour limitations.

*Mazio Attachments LLC is an Italian manufacturer of specialized attachments for the construction, demolition, recycling, mining, aggregates, excavation, scrap, and forestry industries. With engineering and manufacturing facilities located in the United States, Italy, and Colombia, Mazio designs its distinctive purple attachments to work with all makes and sizes of carrier machine, from hydraulic excavators, skid steer loaders, and backhoes to wheel loaders, tele-handlers, and more. Mazio attachments are available through a growing dealer network or direct, depending on location. The company offers immediate delivery for spare parts and service, and field training for operators. For more information, call +1 (561) 766-0899, email [sales@mazio.us](mailto:sales@mazio.us), or visit [www.mazio.us](http://www.mazio.us)*





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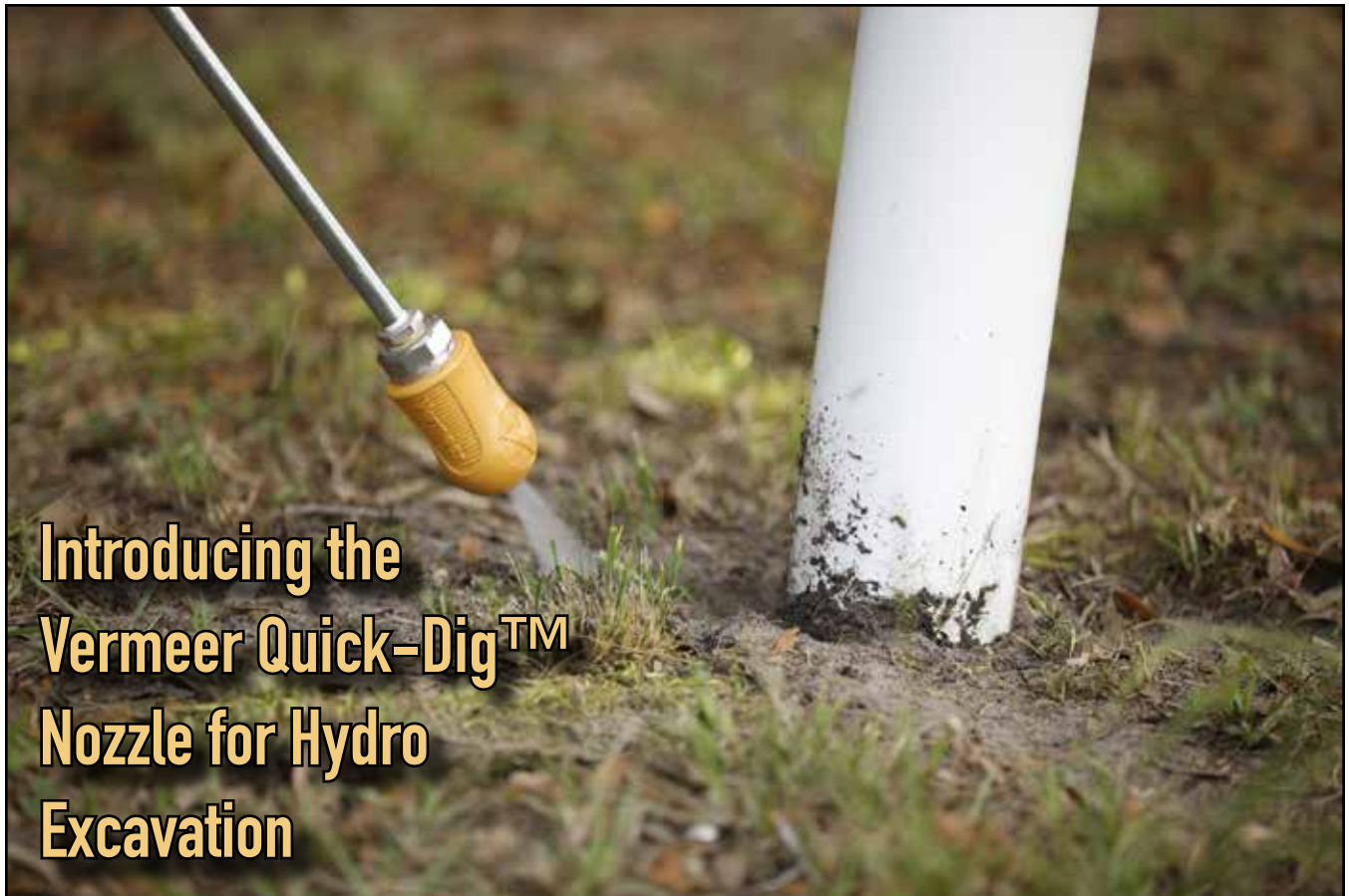
The high-capacity rechargeable battery is long-lasting and delivers maximum power. The Cannon 3K™ will even chew through a medium size run of 4 - 3/5 in 3" conduit with 4 - 90s 220' long in record time and still have half the battery life for your next pull.

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## Introducing the Vermeer Quick-Dig™ Nozzle for Hydro Excavation

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The Vermeer QuickDig™ nozzle helps vacuum excavation crews maximize their efficiency while potholing and daylighting utilities, hydro/slot trenching, and digging pile holes. The Vermeer QuickDig nozzle is up to 35% more efficient\* than a traditional rotary nozzle because of its 18-degree cone rotation and laminar flow design. All water molecules flow in the same direction at the same speed to slice through the ground minimizing water use and delivering a high aperture of coverage.

All Vermeer truck vacuum excavators and many Vermeer trailer vacuum excavators built in the calendar year 2023 will come equipped with the QuickDig nozzle. Also, this latest technology in hydro excavation will be available at Vermeer dealers throughout North America and is compatible with most industry vacuum excavator makes and models.

“When it comes to potholing and hydro trenching, productive digging and efficient water usage helps crews maximize their time on the job,” said T.J. Steele, product manager for Vermeer MV Solutions. “An often-overlooked component of a vacuum excavator is the nozzle a crew uses to dig with. It can significantly impact digging performance and the volume of water used during the process. The Vermeer QuickDig nozzle is extremely efficient with the water used, so material doesn’t become oversaturated during the digging and excavation process. It helps crews maximize digging time from their onboard water tank while extending their time between emptying the spoil tank.”

The Vermeer QuickDig nozzle is also durable, with a stainless-steel body and tungsten carbide nozzle



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tip. It can also be rebuilt in the field quickly using a QuickDig nozzle repair kit.

Vermeer offers six sizes of the QuickDig nozzle for contractors to choose from. Each comes with a .5-in (1.3-cm) inlet connection (common on truck vacs) and a .25-in (.6-cm) adapter (common for trailer vacs). Contact your local Vermeer dealer or visit [vermeer.com](http://vermeer.com) for more information about Vermeer vacuum excavation equipment.

\*According to manufacturer-provided performance data

#### About Vermeer

*Vermeer delivers a real impact on the way important work gets done through the manufacture of high-quality agricultural, underground construction, surface mining, tree care and environmental equipment. With a reputation for being built tough and built in a better way, Vermeer equipment is backed by localized customer service and support provided by independent dealers around the world. To learn more about Vermeer, products, the dealer network and financing options, visit [vermeer.com](http://vermeer.com).*

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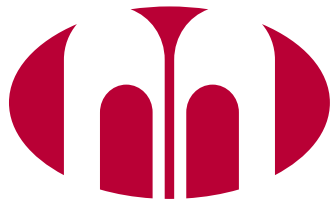


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# Company Profile:



**MILBANK**<sup>®</sup>  
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A proud American manufacturer, Kansas City based and family-owned Milbank Manufacturing's products have been powering the United States and beyond since our inception in 1927. Milbank set the standard for high-quality metering equipment and enclosures and has contributed significantly to technological advancements in the electrical industry.

From the meter socket powering your home to the enclosed control distributing power to traffic lighting or EV charging stations, it is likely that you encounter one of our products several times a day. Milbank's collective talent works to advance electrical technologies and power distribution capabilities from our four American manufacturing facilities.

Our metering, enclosures, RV/mobile home pedestals, and enclosed controls product lines are well-equipped to meet customer needs head-on and provide solutions in a rapidly evolving world.

## *Metering:*

Milbank has a metering solution for every application. We have products approved by thousands of utilities across the United States. Milbank offers hundreds of different types of single-position, residential, and self-contained meter sockets, as well as instrument rated meter sockets. Applications range from a single-family home to a large industrial factory. There are hundreds of configurations available, including many sizes, knockout configurations, terminal configurations, hubs, locks and connectors.

## *Enclosures:*

Milbank's line of commercial enclosures includes the full gamut of styles and sizes; with everything from junction boxes and transformer cabinets to telephone cabinets, wireway and push button enclosures, Milbank has a solution for your enclosure needs including NEMA 1 and 3R solutions.

## *Enclosed Controls:*

No matter your power distribution needs, Milbank enclosed controls have a solution. Put all your needs inside one secure enclosure and keep your power safe, secure and with a smaller footprint.

Milbank enclosed controls provide power distribution for outdoor lighting, traffic controls, EV charging and more. All necessary components are housed inside one secure enclosure.

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# Three Gloves, One Mission: Comfortable Compliance



*They'll Never Want to Take Off Brass Knuckle® SmartFlex™ 400 Series*

With long-lasting comfort comes increased compliance. That's the thought behind the SmartFlex™ 400 Series hand protection from Brass Knuckle®. Three gloves, each designed with a 13-gauge nylon shell offering abrasion resistance, uncoated back and wrist to encourage all-day wear, and ultra-thin polyurethane coating on the palm and finger area for an amazingly sensitive gripping surface. Every glove in the 400 Series enables accurate handling of even the smallest of parts, whether in dry or light oil applications.

These thin-gauge general purpose gloves are ideal for everything from electronics repair to small parts assembly. The SmartFlex 400 Series combines outstanding dexterity, lightweight comfort, and protection from injury. BK401 is black nylon with gray coating to conceal dirt and grime. BK402 is white-on-white, making it easy to identify foreign particles on the glove, ideal for inspectors and quality control. BK403 is black nylon with a black coating, a tough-looking concealer for grimy projects. Each model is available in seven different sizes with color-coded cuffs to simplify re-issuance.

Each glove in the series is carefully constructed, designed for fit, but also cost-competitive. The lightweight, 13-gauge nylon shell provides dexterity and grip and is more lint-free than polyester. A grippy but not sticky polyurethane coating on the palm and fingers makes the 400 Series excellent for dry-grip applications.

400 Series gloves are ideal for many applications not requiring cut-level protection, from automotive to warehouse to light construction and assembly. Designed for maximum comfort and ease of use for all-day wear, the 400 Series offers protection and helps increase wearer compliance. Workers will never feel like they have to take these gloves off.

For more information, visit [www.brassknuckleprotection.com](http://www.brassknuckleprotection.com) •



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# Company Profile:



This year, Sherman+Reilly is celebrating 96 years in operation, a feat few other companies have accomplished. When Sherman+Reilly started as an engineering company in 1927 in downtown Chattanooga, Tennessee, its founders D.C. Sherman and F. W. Reilly could not have imagined where the years would take their company.

Sherman+Reilly remains a leading manufacturer of transmission and distribution equipment for North America's Electric Utility Industry. Through generations of dedicated professionals, and being driven by a commitment to lineman safety, the company continues to design and manufacture stringing equipment that sets the standard, including a complete range of overhead and underground pullers, tensioners, reel trailers, and reel stands. Our block line is backed by over 80 years of block manufacturing experience.

As Sherman+Reilly approaches a century of providing North America with transmission and distribution equipment that is designed for safety and built to last, our dedication to advancing products for the Electric Utility Industry is evidenced by our many "firsts": first bundle block, first puller-tensioner, first self-supporting underground boom, first Safe-Zone® cab, first CAN-bus protocol and joystick controls, and more.

Originally, Sherman+Reilly did contract engineering and fabrication for hoisting machinery, derricks, cableways, wire rope, and wire rope blocks. This work also led to engineering and constructing small suspension bridges. The company's big break came in 1937 when they won the bid to build a 1,350 foot, three-span suspension bridge over the Tennessee River at Watt's Bar for the

Tennessee Valley Authority (TVA). The company's experience with wire cabling, blocks, and rigging led to business selling blocks for ships' rigging and included rigging for many military ships used in World War II and the Korean War. Sherman+Reilly produced two-thirds of all the ship rigging that was on the LST's (Landing Ship Tank) that were used during the Normandy Invasion (D-Day).

In the 1950's, Sherman+Reilly began working with TVA's Power Line Construction Department to help determine the equipment and tools needed for constructing electrical transmission and distribution lines. Working with TVA on large utility line stringing projects was the catalyst for Sherman+Reilly's stringing block innovations, leading to over 70 years of leading electric utility product designs that continue to be copied by other manufacturers, including the utility industry's first universal stringing block, the omnipresent XS-100. Today Sherman+Reilly offers customers dozens of utility line stringing block alternatives, including small blocks, snatch blocks, multi-versal blocks, helicopter blocks, transmission bundle blocks, underground blocks, as well as block adapters, accessories, rope, grips, and swivels.

In 1971 Sherman+Reilly moved to its present location in south Chattanooga. The following year Sherman+Reilly introduced the utility industry's first puller-tensioner for distribution line construction. Since its introduction the Puller-Tensioner became an electric utility distribution line stringing standard. The company continues to pioneer the development of puller-tensioners, bullwheel tensioners, pilot line winders, cable pullers, and underground pullers.



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As electrical distribution began moving underground in the late 1970s, Sherman+Reilly introduced a family of underground cable pullers. Today, the Duct Dawg underground puller sets the standard for all underground pullers. In 2021 Sherman+Reilly introduced an electric version of the Duct Dawg.

In 2011, Sherman+Reilly introduced their Revolution Series® of puller tensioners that brought 1970's and 1980's puller tensioner designs into the 21st century by introducing Safe-Zone® operators enclosure and CANbus technology to make stringing equipment safer than it had ever been before.

As the engineering and manufacturing leader of North America's electric utility line equipment, Sherman+Reilly is dedicated to getting every lineman home, every night, no exceptions. For decades Sherman+Reilly has led the industry through many firsts with over 50 patents held or pending, over 5,000 units of powerline installation equipment sold and over 2-million-line stringing blocks sold.

By constantly refocusing on our market, partnering with our customers, investing in new product development, and never losing focus on safety, Sherman+Reilly became the company it is today.

Sherman+Reilly's innovation of transmission and distribution equipment continues with the all-electric E+ Series and new Heritage line.

The E+ Series of equipment includes the Duct Dawg E+ electric underground puller with a pulling capacity of 7,500 lbs. and the PLW-200E+, an electric four-drum multi-purpose pilot line winder/puller designed to pull 2,000 lbs. With E+ Series equipment you get precise, smooth controls, instantaneous response, and quieter operation giving you a transformative operator experience, better communications, and a safer jobsite. E+ Series units feature all-electric drivetrains designed to exceed all-day use. The On-Board Rapid Re-

charge System™ provides automatic battery management to ensure every job is completed without interruption or concern for battery capacity - no matter how long the day goes. In addition, S+R Telematics™ comes standard at no cost, providing industry leading support in real-time.

The Safe-Zone® enclosure with Ocu-View™ on the PLW-200 E+ provides superior operator protection as well as comfort to protect against fatigue. Drum engagement and all pulling operations are controlled from the cab and the 10-inch screen provides real-time feedback. Additionally, the system includes built-in how-to videos and the operator's manual to provide operators with a better understanding of the equipment, further improving jobsite safety. Reel capacity is of 6,000 ft. of 7/16" PE-12 rope per drum and is available in a galvanized or white finish.

The Duct Dawg E+ electric underground puller has a compact footprint of under 17 feet. It is equipped with a wireless remote-control for safer operation. On the Duct Dawg E+, you'll find a fully articulating, self-supported 3-axis boom, plus a three-speed gearbox, twin capstan bullwheels, and a digital recorder to continuously measure the length of cable deployed and line tension. The instantaneous torque, precision control, and quieter operation is transforming the jobsite experience.

Sherman+Reilly's ingenuity, innovation, and commitment to quality manufacturing continues to define the standard for utility line stringing equipment. The E+ Series brings ideal electric design with right-sized battery solutions for a smaller carbon footprint and less capital expense for a quicker return on your investment.

For more information about Sherman+Reilly and its complete line of products, visit [www.sherman-reilly.com](http://www.sherman-reilly.com). At Sherman + Reilly, We're Inventing What's Next.

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