MAX USA Corp. Donates TwinTiers to Aid in the Restoration of I-95

> Guardians of the Grid: Al-Backed Security Trailers Boost Protection for Utilities

SOURCE

Services for Today's Electric, Telecom, and CATVI



RoadMax Roadway Lighting RX1 | RX2 | RX3

RoadMax®

15

Redefine the Road Ahead

HONOREE

Evluma builds off a legacy of low-glare lighting with RoadMax, a new family of roadway luminaires. For utilities and municipalities concerned with disability glare, meeting stringent roadway specifications, and achieving an efficient use of existing poles and roadway infrastructure this is a game changing luminaire.

Upgrade your building wire.



Theft Deterrent

Metallurgically bonded conductor lowers scrap value, reducing theft incentive.



Code Compliant

NEC Compliant for 600 Volt branch circuit conductors since 1972.



Cost Stable

Reduced exposure to commodity fluctuation, improving your bottom line.





Energy Efficient

Better energy efficiency than standard branch circuit wiring.

	Safety Tested
600	Listed by UL and E
\bigcirc	industry safety sto
	per OSHA.

Listed by UL and ETL to industry safety standards

Performance Proven

50 years of safe use with standard circuit components.





Copper where it counts[™]

Contact us for sales and info: 615-777-8595 buildingwire@copperweld.com copperweld.com

Learn More

TUS Contents • November 2023

PG 4	Sherman+Reilly [®] announces the appointment of David Ring as its new CEO and President
PG 6	MAX USA Corp. Donates TwinTiers to Aid in the Restoration of I-95
PG 10	MAX USA Corp. Unleashes Unbeatable Winter Bargains!
PG 12	Guardians of the Grid: AI-Backed Security Trailers Boost Protection for Utilities
PG 24	Ad Index





UTILITYSOURCE

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

Vol. 23 Issue 11

PUBLISHER

Glen Hobson 205-441-5591 glen@tipsmag.net

ASSOCIATE PUBLISHER

Steven Goodwin 205-624-2181 steve@handfmedia.net

ADMINISTRATIVE DIRECTOR

Steven Hobson steven@tipsmag.net

EDITOR

Brandon Greenhill brandon@handfmedia.net

CREATIVE/ WEB DIRECTOR

Jacklyn Greenhill jacklyn@handfmedia.net

P.O. Box 1568 · Pelham, AL 35124 Phone: 205-441-5591 · Fax: 205-624-2181 www.theutilitysource.net info@theutilitysource.net



The Utility Source™ is published twelve times a year on a monthly basis by Southern Digital Publishing, Inc. The Utility Source™ is distributed free to qualified subscribers. Non-qualified subscription rates are \$57.00 per year in the U.S. and Canada and \$84.00 per year for foreign subscribers (surface mail). U.S. Postage paid at Birmingham, Alabama and additional mailing offices.

The Utility Source™ is distributed to Power, Telcom and CATV Utilities and Utility Contractors throughout the USA. Publisher is not liable for all content (including editorial and illustrations provided by advertisers) of advertisements published and does not accept responsibility for any claims made against the publisher. It is the advertiser's or agency's responsibility to obtain appropriate releases on any item or individuals pictured in an advertisement. Reproduction of this magazine in whole or in part is prohibited without prior written permission from the publisher.

> POSTMASTER: Send address changes to Southern Digital Publishing, Inc. P.O. Box 1568 Pelham, AL 35124 PRINTED IN THE USA

Your Crew Communicates. Why Shouldn't Your Software?

Sync up your workflow with Foundation Software's family of integrated construction products.

FOUNDATION software

Construction Accounting



Construction Payroll Processing

MCCORMICK

Estimating and Digital Takeoff



Takeoff and Estimating

TAKEOFF

Quantity Takeoff

SAFETY to

Health and Safety Management



Mobile Time Tracking





go.foundationsoft.com/product-family



Effective Immediately, Mr. David Ring will assume the roles of CEO and President for Sherman+Reilly, previously held by Michael H. Dunn, who will continue as the company's Chairman and to whom Mr. Ring will report.

Following the re-acquisition of Sherman+Reilly in 2019 by Mr. Dunn and his business partner Douglas Diamond, the company has gone through a period of accelerated revenue and profit growth, operational refinement, and product line expansion. "We have an outstanding management team" stated Dunn. "The addition of Dave Ring as the new CEO of Sherman & Reilly will ensure that the Company continues to be a leader in the electric utility industry in the years ahead."

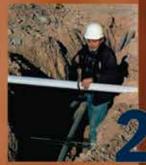
Mr. Ring joins Sherman+Reilly from Ligchine International Corporation where he served as CEO for the past 5 years. Prior assignments included leadership and board roles for a number of industrial enterprises. Mr. Ring earned his MBA in International Business from Lehigh University.

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 Sherman+Reilly, visit Sherman-Reilly.com.

Established in 1927, 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 80+ years' block manufacturing experience. For more information about our line of transmission and distribution equipment, including a complete range of overhead and underground pullers, tensioners, reel trailers, reel stands, and blocks, contact Sherman+Reilly at 423-756-5300 or visit **www.Sherman-Reilly.com.**



Step 1: Remove Damaged Conduit



Step 2: Cut Split Duct Conduit to Fit



Step 3: Snap in Place



Step 4: Attach Adapters



Step 5: Finish Job in Record Time

REPAIR CONDUIT IN A SNAP!

No Tape
No Plastic Straps,

No Metallic Straps

NO KIDDING! Designed especially for power, communications, and fiber optics



"The World Leader In Split Conduit Products"



800-670-1804 fax: 435-673-8724 email: crs@conduitrepair.com

Please Visit Our Website at WWW.CONDUITREPAIR.COM

MAX USA Corp. Donates TwinTiers to Aid in the Restoration of I–95

After a devastating incident involving a tanker truck igniting in flames and the tragic passing of its driver, Nathan Moody, along Interstate 95, substantial damage befell one of the most bustling thorough-fares in the United States. With a staggering daily traffic count of over 160,000 vehicles, Pennsylvania Governor Josh Shapiro found himself compelled to take swift action to minimize disruptions. To undertake the massive task of reconstructing the interstate, Buckly and Company Inc. was entrusted with the responsibility. They demonstrated an unwavering commitment by working grueling 18-hour days to complete this formidable project.

🕅 Maddox

Maddox is the one-stop shop for your transformer needs

Founded by a team of industry veterans focused exclusively on the transformer and transformer-related needs of industrial and commercial clients.



Sell

Maddox stocks and sells the highest quality transformers from dry types and padmounts to substations.

Repair

With shops on both coasts Maddox inspects, tests, and repairs transformers to ensure that they are in top working condition.

Rent

With thousands of units in stock, Maddox rents out transformers for the temporary power needs of customers across North America.

Purchase

We offer a great price that includes handling all the transportation and environmental issue.

MAX, renowned for its reputation in expediting projects while saving resources, extended their support. Recognizing the urgency of the situation, they generously donated and provided training for Buckly and Company Inc. on their state-of-the-art Rebar Tying Tools. The donation encompassed two RR441T units, one RB611T, and a case of TW1061T Wire, enabling Buckly and Company Inc. to expedite rebar tying and concrete pouring. In recognition of this invaluable contribution, Rob Buckley, the head of Buckley & Co., was personally acknowledged and thanked by Governor Josh Shapiro at an appreciation event hosted at Xfinity Live!

About MAX USA Corp.

MAX USA CORP., a subsidiary of Tokyo-based MAX Co., Ltd., is a worldwide leader in the manufacturing and distribution of professional grade power tools and accessories. For over 80 years MAX has utilized its expertise and ingenuity to manufacture and distribute the highest-quality tools that include pneumatic nail guns, staplers, compressors, the first battery operated and stand-up rebar tying tools, fasteners, and tie wire, including Buy America Certified. Headquartered in Plainview, NY, MAX USA is part of a vast network of MAX locations that employs more than 2,000 people worldwide, including 200 R&D engineers. For more information, please visits us at www.maxusacorp.com.

www.maxusacorp.com •





Available in 10, 12, 14, and 16 foot widths

Manufacturing Heavy Duty Construction and Agricultural Equipment Since 1932

ROME Plow has been the premier name in heavy duty disc plows for over 87 years.

ROME has been manufacturing pivot dump and ejector scrapers for over 45 years for the construction and agricultural industries.

ROME also manufactures a full line of leveling scrapers (with and without gates) and haul road maintenance tools (with and without rollers)

For more information on our products or for the closest authorized ROME dealer please contact us.



Available in 18 and 22 yard versions





NOVEMBER - DECEMBER 2023 PRICING VALID NOVEMBER 1, 2023 - DECEMBER 31, 2023

MAX USA Corp. Unleashes Unbeatable Winter Bargains!

As winter approaches, MAX USA Corp. is thrilled to offer contractors a fantastic opportunity to acquire our cutting-edge SuperFramer® product line and SuperRoofer® at discounted rates. From November 1, 2023, and running through December 31, 2023, our authorized dealers spanning the United States and Canada will introduce an exclusive winter promotion featuring our SuperRoofer® and select Nailers from the SuperFramer® range.

Within our network of trusted dealer locations, you'll discover unbeatable prices on the CN445R3, SN883RH3, SN890CH3/34, and SN883CH2/28, all renowned for their superior quality and performance. To sweeten the deal, and only while supplies last, each purchase during this limited-time promotion will include a complimentary Bluetooth speaker, adding a touch of entertainment to the job site.

MAX is committed to providing the best solutions for professionals in the industry and dedicated to supporting dealers and contractors with top-of-the-line equipment. This limited-time offer is a testament to MAX's commitment to innovation, quality, and the success of its valued customers. Don't miss out on this unique opportunity to upgrade your tools and gear for the winter season.

www.maxusacorp.com •

Payroll People meet at a Tradeshow

Our payroll takes 2 minutes to prepare and keeps us compliant with the DAVIS BACON ACT

Our payroll takes many hours and 3 people to put together

We get an 80% savings in time and money with compliant client - compared to manually prepared payroll

I USE COMPLIANT CLIENT BY EMARS

Our payroll is certified, worry Free and very inexpensive plus it is DOL APPROVED Compliant client sounds great. My friend's construction company was heavily fined being out of compliant. He might go to jail!

WE MANUALLY PREPARE PAYROLL

- Encrypted
- Free Demo
- Works with Excel
- 55,000 + Client
- Web Based
- Paperless
- Works with Time Clock

Compliant Compliant

emarsinc.com 480-595-0466

Guardians of the Grid: AI-Backed Security Trailers Boost Protection for Utilities



Machine learning and advanced analytics enable mobile CCTV security systems to proactively thwart security threats while also driving operational efficiencies for Utilities and Telecoms

Last year, there was a 71% increase in physical attacks on critical U.S. infrastructure, according to a U.S. government report. For utilities and telecom providers, operational continuity is paramount. Yet, the alarming increase in the number of physical attacks that target these facilities – which could include theft or damage to expensive equipment – is putting uptime in jeopardy.

When it comes to protecting these facilities from an attack, a range of options from CCTV systems to 24hour security guards are often deployed. However, CCTV security installations have typically focused on

MAXIMIZE EFFICIENCY with Work Truck Automation

Increase productivity and savings. Decrease fuel and maintenance costs.

The Power On Demand[™]system automates and optimizes your work truck's engine and PTO power to give you:

- Decreased fuel costs from unnecessary idling.
- Reduced carbon emissions.

THAN CONNECT

100000 M

- Remote troubleshooting and fleet monitoring.
- Extended engine and chassis life.
- Increased productivity.

Visit our website or contact your local dealer to learn more.



(AETA

070



autocrane.com | Phone: 800-777-2760

"inside the perimeter" protection and often lack the teeth needed to be a deterrent. That is changing with new mobile security trailers, loaded with advanced artificial intelligence (AI) monitoring capabilities which can greatly expand the scope of on-site security. Plus, these smart systems are also proving to add operational efficiencies.

On top of the surge in criminal activities targeting industrial operations is the nationwide shortage of law enforcement. This has the potential to increase response times and puts additional pressure on facilities to fortify their security practices.

"As a solution to this issue, the introduction of mobile security trailers presents a timely opportunity to proactively detect potential security threats before they escalate into more severe situations," explains Cameron Simon, Senior Vice President of Industrials, Technology & Services for Stallion Infrastructure Services, a leader in mobile security, video surveillance and communications services.

Smart Security

Mobile security trailers, which have become common in retail parking lots in recent years, are now increasingly the go-to equipment for utilities and the telecom industry as well. Made up of a trailer armed with high-definition cameras attached to an extendable mast and powered by solar panels, these systems can be quickly deployed and set up in minutes. They can also be repositioned as threat profiles change.

Mobile security trailers are not new, but sophisticated data analytics is changing how these intelligent systems operate and is enabling a more efficient approach to securing a facility.

According to Simon, the current trend for utilities

is reminiscent of the retail industry's surveillance practices. While it has been a customary practice to install numerous cameras inside stores, businesses are now equally keen on monitoring the activities of individuals in the parking lot perimeter or access points before they even enter the premises.

The latest AI-enabled technology provides an opportunity for utilities and telcos to have real-time, continuous monitoring of their projects, people, assets, and environment. This may include identifying whether or not someone is brandishing a weapon which is now possible with advanced AI systems. These systems can also alert on vehicles, people and motorcycles as well as spot smoke and fire – which are always a concern.

Uptime

For utilities and telcos, stopping a potential attack, theft or property damage is a real concern, yet it is the potential loss of uptime or business continuity that keeps operators pushing out more security trailers onto their properties.

"Recently, we deployed at a remote facility where some expensive assets were staged for an upcoming project. Someone came in attempting to steal some electronics," explains Simon "It was a couple of hundred-thousand-dollars-worth of equipment that we prevented from being stolen.

Stallion's advanced analytics detected the intruder before he entered the property, then the virtual-guard monitoring team took over, coordinating with the on-site customer team to proactively apprehend the thief, preventing the crime and potential losses.

"When you look at the utility space specifically, the real value is not just stopping someone from steal-





HDP4000 Heavy Duty Planetary

- Pull: 4,000 lbs.
- Cable Capacity: 89ft.
- Speed: 86 fpm
- Application:
 - Wood chipping
 - Utility line clearing
 - Disaster clean up
 - Land clearing



PATRIOT 16500 Heavy Duty Planetary

- Pull: 16,500 lbs.
- Cable Capacity: 85ft.
- Speed: 22 fpm
- Application:
 - Utility & service trucks
 - Fire & rescue
 - Waste & refuse
 - Forestry



HELIOS 20000 Heavy Duty Planetary

- Pull: 20,000 lbs.
- Cable Capacity: 260ft.
- Speed: 21.8 fpm
- Application:
 - Heavy hauling
 - Equipment transport
 - Loaders & earthmovers



Visit www.ramseywinch.com or call 800-777-2760.

© 2023. All rights reserved. SM_08/23_RI-0266



ing some expensive equipment, it is much more about keeping the power on or the tower in operation," explains Simon.

Deterrence

The way in which security monitoring trailers are rolled out is in stark contrast to that of traditional CCTV which was built and designed to be fixed installations that often blended into the surroundings.

Simon emphasizes the significance of deterrence as the primary defense against potential security threats. Traditional CCTV cameras often act as passive observers, but with the introduction of mobile security trailers, the situation is different.

These trailers are highly visible, sending a clear

message that they are actively monitoring the area. The aim is to make people aware of their presence, ensuring that potential wrongdoers are discouraged from carrying out any illicit activities.

Popular deterrent features include motion-activated strobe lights and talk-down speakers that can announce that police or security has been alerted to someone's presence.

"At the same time those on-trailer features take action, an alert gets sent to a central monitoring center where trained professionals take over for AI," says Simon. "They can then quickly review the incident and determine actionable next steps in real-time."

Those next steps are typically customized for each

Lifts Up To 500 lbs!

Ergonomic

SAE

- **>** Portable
- Lightweight
- Meets OSHA & ASME Requirements

Customized Safety Lifting Devices For Any Application

IN FILLED

CUSTOM

AVAILABLE

Available in both CHAIN & CABLE Configurations

The Sky Hook is your personal<u>safety</u> lifting solution, preventing lifting injuries while saving you both time and money!

800-4-SKYHOOK 🗃

800-475-9466 • 208-365-5770

ASME

OSHA[®]

www.skyhookmfr.com

SKY HOOK ATTCO, Inc. ora * BYCLONE ATTCO SERVICE

LAGUN

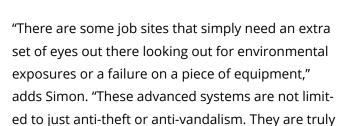
Republic

SKY HOOK

facility and may include contacting security guards, local police, or customer representatives.

Operations

Beyond just security, the AI systems on the advanced monitoring trailers can also provide operational efficiencies. For example, it could be as simple as alleviating congestion from multiple deliveries that occur at the same time. It can also be heatmap-



a second set of eyes and ears out there."

ping of activities to make changes to operational

workflows.



An ounce of prevention is worth a pound of cure



Line Guard | Pole Guard | BirdBloc Learn More at CritterGuard.org



In addition, mobile monitoring trailers offer another notable advantage: the ability to swiftly exchange them in case of maintenance issues. For example, Stallion has strategically positioned nationwide operational facilities and can quickly provide replacement trailers with high-end commercial-grade cameras and software infrastructure, if needed. To ensure maximum uptime, the company also conducts a daily virtual "pulse check" on each system within its extensive fleet across the country to guarantee uninterrupted operation.

"Is the unit charging adequately? Are the batteries working optimally? Are the cameras and the system working and free of visual obstructions?" asks Simon. "If your systems aren't working properly, that's a potential failure point we intend to proactively manage and prevent."

Another common failure point is connectivity. Trailers should be



Pre-Engineered Buildings Built to Withstand The Rugged Northeast Winters

- Commercial, Industrial and Agricultural Buildings Built to Satisfy Your Building Needs
 - Pre-Engineered Steel Packages
 - Pre-Engineered Post Frame Packages
 - Mini Storage Buildings



ENHANCED EFFICIENCY AND RELIABILITY WITH PELSUE

FIBER SPLICING TRAILERS & INDUSTRIAL SAFETY EQUIPMENT

Contact Us 303.975.7432 Sales@pelsue.com



able to connect with more than just a single cellular service. Simon suggests finding a supplier that can use multiple carriers as well as low-earth orbiting satellites and point-to-point connections for redundancies. This also allows users to log in from anywhere and check in on the facility through a secured portal.

According to Simon, there is a consistent demand for security equipment, both during times of prosperity and adversity. During busy times, companies seek to acquire surveillance systems to manage multiple projects and alleviate the burden on their staff.

However, during tough times, incidents of theft and equipment loss tend to increase, making security measures all the more essential. Hence, the issue of security is a persistent concern that cannot be overlooked, regardless of market conditions.

For more information, visit StallionIS.com, call (281)247-2666 or email Sales@stallionis.com

www.StallionIS.com •











OFF HIGHWAY High Flotation 4x4 carrier



BACK-FILLING

ATTACHMENTS



BRUSH MULCHING ATTACHMENT









WWW.BROWNBEARCORP.COM

641-322-4220 sales@brownbearcorp.com

BROWN BEAR CORPORATION

CORNING, IA 50841 www.youtube.com/c/Brownbearcorp

RESA Reliable and Safe. The Power of Us.



SCAN ME



REVIEW OF ENGINEERING DOCUMENTATION PERSONAL PROTECTIVE EQUIPMENT (PPE) ARC FLASH/SHOCK HAZARD LABELS ARC FLASH HAZARD ANALYSIS PREVENTIVE MAINTENANCE SAFETY TRAINING

resapower.com
 800-576-RESA

ARE YOU IN COMPLIANCE? ELECTRICAL SAFETY IN THE WORKPLACE WITH RESA POWER

When it comes to hands-on power systems engineering and repairs, the safety of technicians is always paramount.

RESA Power offers Arc Flash / Safety / NFPA 70E Awareness Training to prioritize the well-being of technicians and minimize the chance of injuries, downtime, and property damage.

- Arc Flash Safety Awareness Classes
- NFPA 70E Compliance Assessment
- NETA / NFPA 70B Testing and Maintenance

Make sure your workers stay out of harm's way and are up-to-date on critical compliance updates set by OSHA and the NFPA 70E 2021 Standard for Electrical Safety in the Workplace. Our training classes can benefit anyone who wants to stay informed on the latest safety practices - from Electricians and Contractors to Environmental Health and Safety (EHS) Managers and facility maintenance personnel.

Our instructors are professionally trained and have decades of field experience with electrical safety to offer.

CONTACT US TODAY Request a quote Email: arc.flash@resapower.com Phone: 763-784-4040



Network with us on LinkedIn and follow us on social media as we routinely publish the most recent company news, share best practices, post open jobs, and more.

www.resapower.com

"Inen Disasters Strike, First Responders Rely On Us!"

Our complete control, communication and convenience Utility Truck Console is becoming the new standard for truck fleets of all sizes. Loaded with standard and optional features that maximize ergonomics, productivity, and fleet/telecom standards into a one exceptional Mobile Console Solution.





Conversion to 0000 Machille Dook LLC All Dishts Deserved

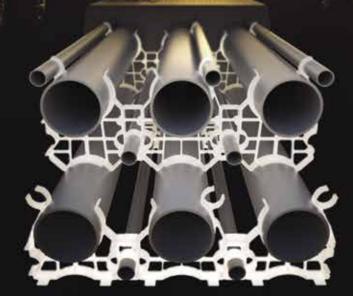
Ad Index

Company	Pg.	Website
Auto Crane	13	www.autocrane.com
Brown Bear Corp	21	www.brownbearcorp.com
Conduit Repair	5	www.conduitrepair.com
Copper Weld	1	www.copperweld.com
Critter Guard	18	www.critterguard.com
Emars	11	www.emarsinc.com
Essex Steel	19	www.essexsteel.com
Evluma	IFC	www.evluma.com
Foundation Software	3	www.go.foundationsoft.com
Grace Industries	BC	www.gracefallsafety.com
LAN Shack	8	www.lanshack.com
Maddox Transformer	7	www.maddoxtransformer.com
Mobile Desk Solutions	23	www.mobiledesk.com
Pelsue	20	www.pelsue.com
Ramsey Winch	15	www.ramseywinch.com
Resa Power	22	www.resapower.com
Rome Plow	9	www.romeplow.com
Sellick	2	www.sellickequipment.com
Sky Hook	17	www.skyhookmfr.com
Underground Devices	IBC	www.udevices.com
Working Concepts	24	www.safeworker.com



THE SECRET TO

UNDERGROUND POYER TRANSMISSION



OUR WUNPEECE TRANSMISSION SPACERS REDEFINE THE INDUSTRY STANDARD FOR UNDERGROUND POWER TRANSMISSION INSTALLATIONS. WITH PRECISION ENGINEERING AND UNMATCHED QUALITY.

> JOIN THE RANKS OF INDUSTRY LEADERS WHO TRUST UNDERGROUND DEVICES FOR THEIR POWER TRANSMISSION NEEDS.



VISIT WWW.UDEVICES.COM AND EXPERIENCE THE FUTURE OF UNDERGROUND POWER INSTALLATION

