

April 2022

THE MOST UNIQUE AND RELIABLE RESOURCE FOR TODAY'S ELECTRICAL CONTRACTOR

THE ELECTRIC CURRENT



Milwaukee Tool Creates
Power Utility Dedicated
AR/FR High Visibility
Safety Vests

HMS presents communication
solutions for Battery Energy
Storage Systems



Redefine roadway performance

Introducing RoadMax

Evluma's next generation roadway luminaires deliver uncompromising performance and industry leading glare control. Because essential roads deserve exceptional light.

Lightfair, Las Vegas
June 21-23, 2022, Booth #2546

RoadMax[™]
by **evluma**

evluma.com | sales@evluma.com



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.

Rent

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

Repair

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

Purchase

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

1-800-270-2011

sales@maddoxtransformer.com

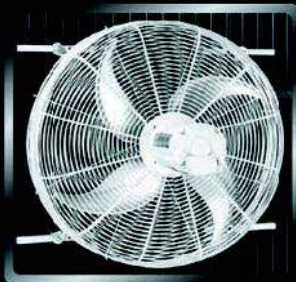
maddoxtransformer.com

PG 4	Evluma Launches Low-Glare LED Roadway Luminaire
PG 6	A Lightweight, Less Costly Solution for Buried Transmission Lines
PG 10	Klein Tools® Introduces Upgraded Version of Best-Selling Testing Kit
PG 14	HMS presents communication solutions for Battery Energy Storage Systems
PG 20	Milwaukee Tool Creates Power Utility Dedicated AR/FR High Visibility Safety Vests
PG 24	Ad Index



Pg 20

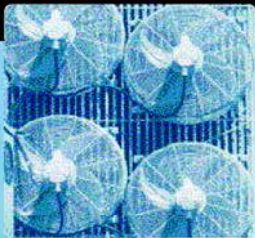
Get Cool!



**Extend
transformer
life!**

**Increase
transformer
capacity up
to 166%!**

- expert technical assistance
- large inventory
- low sound levels
- one-piece cast aluminum blades
- energy-efficient motors
- galvanized or stainless steel guards



p.o. box 187 germantown, wisconsin 53022

262.255.2310

www.krenzvent.com

Vol. 22 Issue 4

PRESIDENT

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

ASSOCIATE PUBLISHER

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

ADMINISTRATIVE DIRECTOR

Steven Hobson
steven@handfmedia.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.theelectriccurrent.com
info@theelectriccurrent.com



The Electric Current™ is published twelve times a year on a monthly basis by H & F Media, Inc. *The Electric Current™* 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 Electric Current™ is distributed to qualified owners and managers in the electrical industry. 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
H & F Media, Inc. P.O. Box 1568
Pelham, AL 35124
PRINTED IN THE USA

First there was 4 square...
and now the **REVOLUTIONARY 5 Square® Box!!**

You've struggled with 4 Square boxes for years - you know how small, cramped and time consuming they are. Finally, there is a solution that allows you the space you have always needed.

The **5 Square®** Boxes (5" x 5" x 2-7/8") provide up to 88 in³ of interior volume which more than doubles that of most existing boxes on the market.

Create a robust and unrivaled infrastructure for the life of your facility with the **5 Square®** Products!

Fire Signal



- TWICE THE VOLUME AS MOST BOXES
- SAVE LABOR...INCREASE PROFITS
- ELIMINATES TROUBLESHOOTING TIME AND COST
- FULLY UPGRADEABLE SYSTEM
- SPECIFIED BY ENGINEERING FIRMS, HOSPITALS, UNIVERSITIES & GOVERNMENT AGENCIES
- AVAILABLE IN ZINC OR RED

Telecommunications



- INTEGRAL CABLE MANAGEMENT
- SAVE LABOR...INCREASE PROFITS
- FACILITATES MIN. BEND RADIUS REQUIREMENTS
- SUPPORTS CURRENT AND EVOLVING SYSTEMS
- SUPPORTS PoE PLUS
- SPECIFIED BY ENGINEERING FIRMS, HOSPITALS, UNIVERSITIES & GOVERNMENT AGENCIES



Evluma Launches Low-Glare LED Roadway Luminaire

LED lighting manufacturer Evluma announces the launch of a new roadway lighting product RoadMax™. The RoadMax series will include three sizes: small, medium and large and a range of wattages designed to replace legacy HID 100w, 250w and 400w cobraheads. The first model in the series, the RoadMax RX1, with wattages ranging from 30W-70W and an estimated output range of 3,000 to 9,000 lumens, is estimated to start shipping at the end of April 2022.

This sleek and stylish luminaire was designed with RP-8-18 roadway requirements in mind. The unique optical design offers a combination of roadway performance and glare control unprecedented in the industry. "RoadMax is an advancement of Evluma's reputation for low-glare, visually-pleasing outdoor lighting," says Taisha Bezzo, National Sales Director. "RoadMax addresses contemporary concerns regarding disability glare and light trespass from roadway lighting while maintaining exceptional pole spacing."

Multiple luminaire configurations for Type II, Type III and Type V, all with zero-uplight (U0), are offered. Additional features such as a field adjustable wattage selector (FAO), light trespass shields and a choice of photocontrol sockets are available. RoadMax can be customized to include Evluma's Photocontrol Failsafe™, a patented technology that solves photocontrol failures on street and area lights. Compatibility with ConnectLED™, Evluma's Bluetooth app for wireless lighting controls, enables dimming and dimming schedules without the need for a network. Evluma's comprehensive 10-year warranty and signature 20kV/10kA surge protection comes standard with every model.

Evluma will be showing the RoadMax at Lightfair, Las Vegas, June 21-23, 2022, Booth #2546.

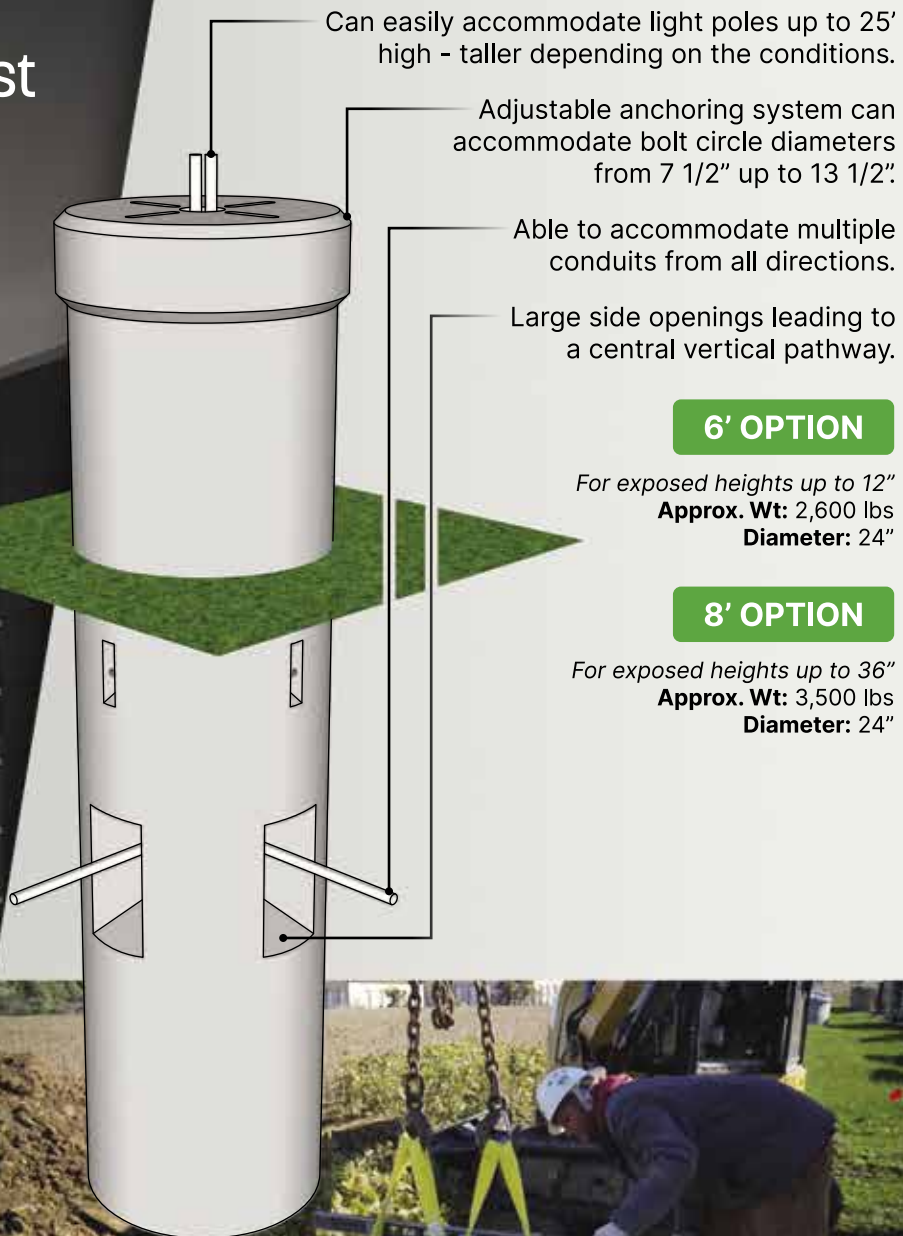
For more information please contact: Cathleen Shattuck cshattuck@evluma.com

Visit: www.evluma.com •



The Future of Precast Light Pole Bases.

Universal Features



Can easily accommodate light poles up to 25' high - taller depending on the conditions.

Adjustable anchoring system can accommodate bolt circle diameters from 7 1/2" up to 13 1/2".

Able to accommodate multiple conduits from all directions.

Large side openings leading to a central vertical pathway.

6' OPTION

For exposed heights up to 12"

Approx. Wt: 2,600 lbs

Diameter: 24"

8' OPTION

For exposed heights up to 36"

Approx. Wt: 3,500 lbs

Diameter: 24"



Scan Here!

LightPoleBase.com

PROTECT TRANSMISSION LINES WITH DIRECT BURIED CONDUIT



A Lightweight, Less Costly Solution for Buried Transmission Lines

Choose Champion Fiberglass® conduit for buried transmission lines to reduce the risk of wildfires and natural disasters and eliminate the risk of imposed blackouts.

After a volatile and destructive 2021 wildfire season, California utilities now have plans to bury thousands of miles of power lines to reduce wildfire risk throughout the state.

From galvanized rigid steel to PVC, there are many types of electrical conduit to choose from for a utility project such as this. But none offer the light weight, easy installation, strength, and durability of fiberglass conduit.

Fiberglass conduit is the wise choice to protect cable in a buried installation because:

- Unlike galvanized rigid steel conduit, fiberglass conduit resists corrosion.
- Unlike PVC SCH 40, SCH 80, and PVC-coated steel, fiberglass conduit is fault-tolerant. With fiberglass conduit, the cable does not melt or weld to the inside of the conduit.
- Champion Fiberglass conduit is UL listed conduit with high dielectric strength

**Strong
ALMAG 535
Material**

4-Conduit Block Support From Only One Rod

 **MADE
IN USA**
PATENTED

**Threaded Block OR Threadless Block
for Vertical Rod for Vertical Rod**

For Vertical Rod 1/4" or 3/8"

Specify bolt size 1/4" or 3/8" for the conduit clamp

ST=(side thread) 1/4" or 3/8"

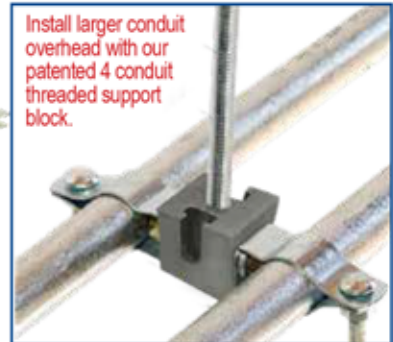
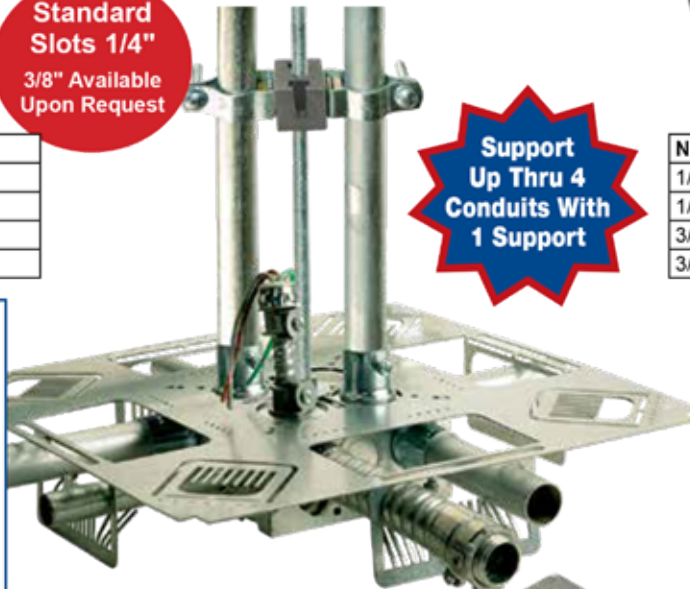
**Standard
Slots 1/4"**
3/8" Available
Upon Request



NON-THREADED BLOCKS	
1/4 inch rod = Cat#	TBT25-NT-ST25
1/4 inch rod = Cat#	TBT25-NT-ST38
3/8 inch rod = Cat#	TBT38-NT-ST25
3/8 inch rod = Cat#	TBT38-NT-ST38

THREADED BLOCK	
1/4 inch rod = Cat#	TBT25-ST25
1/4 inch rod = Cat#	TBT25-ST38
3/8 inch rod = Cat#	TBT38-ST25
3/8 inch rod = Cat#	TBT38-ST38

**Support
Up Thru 4
Conduits With
1 Support**

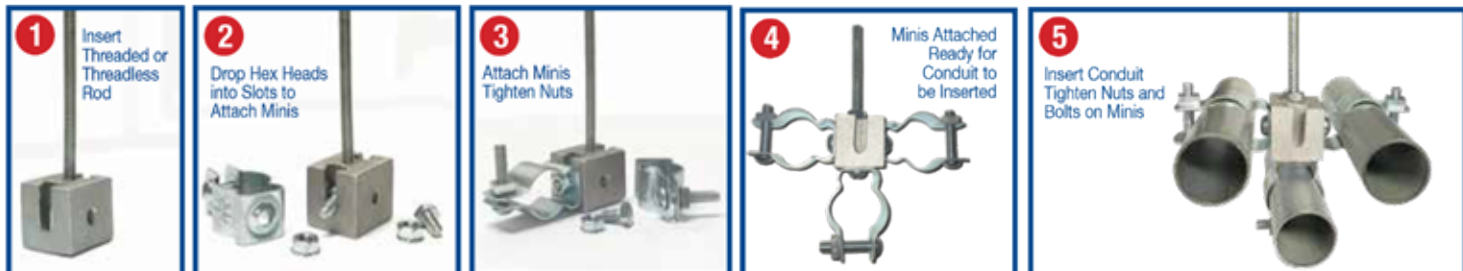


**New
Block**
**AVAILABLE
SOON**
**For Vertical Rod
1/4" or 3/8"**



PATENTED

FAST & EASY TO INSTALL



Customer must satisfy all codes and owners' specifications.

SP PRODUCTS, INC
Productivity and value thru ideas

 **MADE
IN USA**



**PATENT PENDING
PATENTED**

LABELS APPLY TO PRODUCTS ONLY WHERE SHOWN ABOVE



730 Pratt Boulevard • Elk Grove Village, IL 60007
P: (847) 593-8595 • F: (847) 593-8629 • Toll-free (800) 233-8595
E: info@spproducts.com • www.spproducts.com

IP19-20

WE HAVE THE ROPE TO GET THE JOB DONE.



BUCCANEER
rope company
Providing strength & stability, with a twist.

- Its low coefficient of friction protects cables
- It offers durability that resists pests and rodents
- Its lighter weight and gasketed couplings facilitate ease of installation while lower NECA labor rates translate into a less costly installation.
- Perhaps most importantly, it is available with shorter lead times and lower prices and is not subject to the current PVC shortage.

Even first-time installers comment on the ease of installation of Champion Fiberglass conduit. In fact, one recent customer was able to install three miles of conduit in underground duct banks in one day thanks to gasketed couplings, where no adhesive was necessary to join sections.

Our company has over 30 years of experience guiding contractors and installers through complex projects, and we utilize our team's expertise daily in expediting unique shipping, packing, delivery, and installation requests. Discover how Champion Fiberglass® conduit provides a strong, durable, less costly solution to protect buried infrastructure for the long term.

Discover how Champion Fiberglass conduit provides a solution to the serious public safety and economic fallout caused by natural disasters like wildfires. •

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"



Conduit Repair Systems, Inc.

The World Leader In Split Conduit Products

800-670-1804

fax: 435-673-8724

email: crs@conduitrepair.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**

Please Visit Our Website at WWW.CONDUITREPAIR.COM

Klein Tools® Introduces Upgraded Version of Best-Selling Testing Kit

Klein Tools (www.kleintools.com), for professionals since 1857, introduces the Premium Electrical Test Kit, a fresh take on a best-seller with new premium models.

Premium Electrical Test Kit (Cat. No. 69355)

- Refreshed kit that features three new product releases geared towards a variety of electrical testing applications
- Kit includes instructions and all required batteries

Manual-Ranging Digital Multimeter with Right-Angle Test Leads (Cat. No. MM320 – Exclusive to Cat. No. 69355 and Cat. No. MM320KIT)

- Measures up to 600V AC/DC voltages, 10A DC current and 2-ohm resistance
- Also tests batteries, diodes and continuity
- Features include units displayed on large LCD, data hold, audible continuity, auto power-off and easy access to fuse compartment
- Back of meter contains built-in lead holders, mount for optional magnetic holder and kick-stand

Dual Range Non-Contact Voltage Tester with Flashlight (Cat. No. NCVT3P)

- Dual range detection from 12 to 1000V AC or 70 to 1000V AC
- Broad application with dual ranges for low and standard voltage





Custom Insurance for the Construction Industry

With XINSURANCE, You Get...

- All-In-One Approach
- Agent Friendly
- Limits up to \$10MM
- Property & Casualty
- Professional Liability
- Commercial Auto Liability
(available in most states)
- Products Liability
- Exclusions/Gaps in
Current Coverage & More

Ask us
about our new
coverage option –
Communicable
Disease
Liability



To get your free
custom insurance
quote for the
construction industry,
visit www.xinsurance.com

You can also contact
Logan Fitzgerald directly at
801.304.5562 or
loganf@xinsurance.com

XINSURANCE is powered by Evolution Insurance Brokers, LC ("EIB"), an excess and surplus lines insurance brokerage. XINSURANCE is a DBA of EIB, which is domiciled in and has its principal place of business in Sandy, Utah. This insurance product is offered by an unlicensed surplus lines insurer. The NPN for EIB is 5464658 and CA license number is OH93938.

XINSURANCE

- Bright flashlight may be used independent of voltage detection function\GFCI Receptacle Tester with LCD (Cat. No. RT250)
- Large, easy to read LCD display show voltage, faults and GFCI trip time
- Identifies common wiring faults on North American 120V outlets
- Patent pending detection of Open Neutral Open Ground wiring fault

“Refreshing our tool kits gives us the opportunity to ensure trade professionals are getting the latest models of our tools at the best price,” says Sabrina Kalsi, product manager at Klein Tools. “The new Premium Electrical Test kit exclusively features the digital multimeter plus two other electrical testers, ensuring professionals have the necessary tools for a variety of electrical testing applications.”

For more information, visit www.kleintools.com/new-products or search for #NewKleins on social media.

www.kleintools.com/new-products •

DIAGNOSE YOUR OWN EQUIPMENT.

OHV Pro

Vehicle Diagnosis

Big updates on
CASE, New Holland, JCB
& John Deere

The **OHV Pro** is our answer to folks needing a stand alone, full featured scan tool for working on Agricultural, Construction, Mining and other Off-highway applications. Brands such as John Deere, Volvo, Caterpillar and CASE are covered. Perform bi-directional controls on hydraulics and special functions, such as injector coding, DPF regens and VGT calibrations.

8" Android Tablet | IP65 Rated | Bluetooth® Wireless | Easy Updates | Remote Technician

WWW.CANDOINTL.COM

CanDo
INTERNATIONAL, INC.

909/CANDO-11(226-3611)



The New Standard for Linemen

At Tallman Equipment, our priority is to set the standard in the electric transmission and distribution industry with an all-inclusive approach to serving our customers. Our vision to deliver a trio of quality, convenience, and reliability is driven by listening and adapting to the needs of our customers. As the industry changes, so does Tallman. As a result, Tallman Equipment has become a unique company within our industry offering a full range of professional services including tool sales, product distribution, rentals, and repair. Tallman is already a trusted name in stringing blocks, cable assemblies, fiberglass, and rope products – and we are excited to announce the addition of our new Rubber Goods Testing Lab.

Our Services Include:

Groundset & Jumperset Manufacturing, Repair & Refurbishing

Transformer Sling Manufacturing & Rope Repair

Battery Power Tool & Equipment Repair

Fiberglass Tool Testing, Repair & Refinishing

Tool & Equipment Rental

Rubber Goods Testing & Refurbishment



Trust **TALLMAN**

www.tallmanequipment.com

Call Toll Free: 877-860-5666

International: 630-860-5666



HMS presents communication solutions for Battery Energy Storage Systems

HMS Networks is now presenting several communication solutions for the rapidly expanding battery market. Battery Energy Storage Systems (BESS) require communication capabilities to connect to batteries and peripheral components, communicate with the power grid, monitor systems remotely and much more.

Battery Energy Storage Systems (BESS) may be one of the keys to solve the energy crisis and make the world more sustainable. Since green energy sources such as wind and solar are not always available, large battery parks can make it possible to store the energy to use when there is less sun or wind.

BESS need to communicate

Battery Energy Storage Systems are made up of battery cells which are combined into battery packs which can then be combined into containers which in turn can make up battery parks the size of sever-

800.557.0098 | golight.com

GO LIGHT



**DURABLE
VERSATILE**



**POWERFUL
GUARANTEED**

al football fields. The systems can use new or recycled batteries and combine many different components. However, these large battery parks need a lot of communication capabilities in order to work. HMS now presents a comprehensive package of communication solutions catered for this application area.

Error prevention and networking of CAN-based devices

Since the battery market has been spearheaded by the car industry, CAN is the communication standard of choice in many systems. Here, HMS offers an extensive portfolio of communication solutions via the Ixxat brand – for PC connection, networking, line extension, galvanic isolation and more.



In networking, the protection of components is crucial, both from external sources (like lightning strikes) and from system-related issues (AC/DC noise). Device protection is a must to avoid damage.

Networking gateways

Battery Energy Storage Systems often combine a variety of different equipment from different industries within a single application – batteries, BMS, PLCs, fire detection units or air conditioning. To combine different equipment, it is necessary to interconnect various protocols and network standards. CAN, Modbus, BACnet, KNX and other protocols can be easily linked via intelligent gateways from HMS, which handle the all-important data exchange while also enabling centralized control.

In addition, these gateways can selectively filter, map and, if necessary, manipulate the data in order to realize the best possible data exchange.

Rugged Dependability

STANDARD IN EVERY MACHINE WE BUILD!

Hogg & Davis has been proudly
manufacturing utility line equipment
for more than half a century.



Our trusted products are part
of the fleets and tool cribs of
nearly every investor-owned
power and communications
company in the United States
and Beyond.



HOGG & DAVIS, Inc.

HOGG & DAVIS, INC.

3800 EAGLE LOOP • ODELL, OR 97044

TEL 541.354.1001 • FAX 541.354.1080

WWW.HOGGDAVIS.COM

Cloud/SCADA connectivity and remote access

Intelligent networking is also required in order to connect to cloud solutions or SCADA systems. This connection can be made by using SG (Smart Grid) gateways from HMS that support both energy and industrial fieldbus protocols, as well as protocols required for cloud connection.

The SG gateways enable centralized control as well as remote access for predictive maintenance, logging or data visualization using the i4SCADA® solution from the HMS-owned company WEBfactory®. The SG gateways also provide robust cybersecurity features, such as firewall, OpenVPN®, TLS encryption and user management. These protective measures are indispensable to protect against cyber-attacks.

“We see a rapidly growing demand for communication solutions in Battery Energy Storage Systems as society as a whole is turning to more sustainable energy sources such as wind and solar,” says Alexander Hess, General Manager at HMS Business Unit Ixxat. “Communication is needed to get BESS systems to work and HMS offers an extensive portfolio of industrial communication solutions to solve the communication issues at hand in these systems.” •





SP PRODUCTS, INC.
Productivity and value thru ideas
FOR SAFER BETTER FASTER JOBS

We're Proud to be the Electricians' Friend for Over 50 Years!

Qwik Duct Safer Better Faster

HDPE CUSTOM TEMPLATES
In Any Configuration Required

IP3b

Patent Pending



PVC Offset

Sizes 1/2" thru 6"
 Meets Flexible Mandrel
 Test Requirements

Bore Spacers

Sizes 1/2" thru 6"
 Roll assembled conduit into
 caissons and under
 obstructions

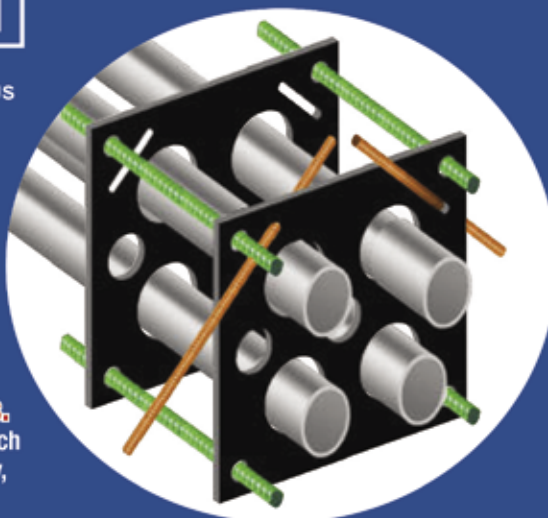
IP2



IP1



Patent Pending



IP13A-F

Conduit Transition Couplings



PVC Schedule 40 & 80
 Transitions in Less Than
5 Minutes

PATENT PENDING



IP15

PVC/PVC

PVC/EMT

PVC/Rigid

PVC/Liquidite

PVC/Stainless

PVC/Alum

PVC/Flex

IP14a

**End Bell
 Adapter**

Schedule
 40/80 PVC



PATENT PENDING

Save Cost on the Rigid Nipple, Tape & Labor
Use for Entire Job - Not Just for Repair

**1 Piece
 Reaming Bit**

1/2" thru 6"
 Schedule 40/80

*Plus More Being Invented for **SAFER BETTER FASTER** Jobs . . . Call With Your Ideas!*



SPProducts.com 800-233-8595 info@SPProducts.com



Milwaukee Tool Creates Power Utility Dedicated AR/FR High Visibility Safety Vests

Milwaukee Tool adds to their Personal Protective Equipment lineup with new Arc Rated (AR) and Flame Resistant (FR) High Visibility Safety Vests. From the power plant, through transmission and distribution, it is Milwaukee's goal to improve reliability and productivity for linemen by offering solutions that help increase confidence on the job. Milwaukee's new AR/FR High Visibility Safety Vests is the first dedicated offering in Power Utility for Personal Protective Equipment, these vests help keep users safe without slowing them down, providing a breathable and lightweight feel on the jobsite. Available in Category 1 Woven WESTEX® DH by Miliken® DH material and a more breathable Mesh anti-static GLENGUARD® material.

"Arc flashes are brighter and hotter than the sun, and capable of creating arc blast that could send

INNOVATIONS

Faster Safer Workspace

iTOOLco.



ALL JACK™

Increase productivity and decrease fatigue using iTOOLco's All Jack™. Install pipe, lights, cabinets, drywall, temporary dust barriers and much more with this innovative jack designed to lift and support the weight of your workpiece while you anchor it into position.

High ceilings and ladder work are not a problem for this dynamic tool. Reach from 58" to a staggering height of 13'6". The industrial gas shock ensures a snug, stable support that stays in place while you complete the installation. Once your workpiece is secured into place, simply remove the All Jack™ by releasing the shock. More powerful than a typical support pole, the All Jack's gas shock can handle your most challenging jobs.



SCAN QR

CORDLESS CANNON 3K™

Speed, Versatility, and performance are all yours with iTOOLco's Cordless Cannon 3K™. This portable 3,000 lb. puller is intuitively designed to handle all of your day-to-day wire pulls.

The built-in capstan switch automatically turns the puller on and off. Simply tug on the rope to start the pull and slack off the rope to shut it down.

Delivers dynamic performance in remote locations or areas where power is not yet available.

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 - 350 in 3" conduit with 4 - 90s 220' long in record time and still have half the battery life for your next pull.

SCAN QR



FOLLOW US:



metal debris flying at over 700 miles per hour. NFPA 70E† is the current choosing standard in regards of arc protection to help mitigate the risks of working on energized conductors. Unfortunately, current AR/FR vests help protect users at the expense of functionality and overall comfort,” said Zach Richman, Director of Product Marketing for Milwaukee Tool. “Our new AR/FR safety vests offer protection without trading off on overall comfort. Additionally, these vests are designed with storage and functionality users have demanded for years.”

The new AR/FR High Visibility Safety Vests are designed with ten pockets, including pen pockets, a chest pocket with closure, and an internal pocket for easy access to essential items while on the job. They feature quick size adjustments for a better fit and durable pass-through slits for fall protection gear. A Breakaway version is available for both vests, designed with five tearaway points located on the shoulders, sides, and front that can break away when caught or snagged and are ANSI compliant.

AR/FR Cat. 1 Class 2 & 3 High Visibility Yellow Mesh Safety Vests

The AR/FR CAT. 1 Class 2 & 3 High Visibility Yellow Mesh Safety Vests are engineered to carry more with breathable protection and are ATSM F1506 certified and rated an ATPV of 4.1 cal./cm². These AR/FR GLENGUARD® Mesh are designed for breathable all-day comfort. This material is also anti-static to reduce static buildup. These vests are available in breakaway and non-breakaway options.

AR/FR Cat. 1 Class 2 & 3 High Visibility Yellow Safety Vests

The AR/FR CAT. 1 Class 2 & 3 High Visibility Yellow Safety Vests are engineered to carry more and are ATSM F1506 certified and rated to an ATPV of 5.7 cal./cm². These vests are certified with NFPA 2112 for protection against flash fires and arc flash hazards. AR/FR lightweight WESTEX® DH by Miliken® DH material provides added comfort when wearing the vest. These vests are ANSI compliant. These vests are available in breakaway and non-breakaway options.

Thoughtfully designed for Power Utility, Milwaukee Tool's new safety vests demonstrate the company's focus on creating innovative solutions that won't slow users down, helping them STAY SAFE. STAY PRODUCTIVE™. For more information on Milwaukee® Personal Safety or to view the entire line, please visit www.milwaukeetool.com/ppe •

***Making perfect
connections has
never been simpler.
In fact, now it's a
SNAP!***

NEW ***SNAP Connectors*** from Greaves. A revolutionary compression connector concept that gets the job done with just a few turns of a standard wrench!

- ▶ Time-saving, easy installation
- ▶ Superior pull-out strength and conductivity
- ▶ No bulky and costly tools and dies



GREAVES

Ad Index

Company	Pg.	Website
Buccaneer Rope	8	www.bucrope.com
Can Do	12	www.candointl.com
Conduit Repair	9	www.conduitrepair.com
Emars	24, IBC	www.emarsinc.com
EvLuma	IFC	www.evluma.com
GoLight	15	www.golight.com
Greaves	23	www.greaves-usa.com
Hogg Davis	17	www.hoggdavis.com
iToolCo	21	www.itoolco.com
Krenz Vent	2	www.krenzvent.com
Light Pole Base	5	www.lightpolebase.com
Maddox	1	www.maddoxtransformer.com
Randl Inc	3	www.randl-inc.com
SP Products	7, 19	www.spproducts.com
Tallman	13	www.tallmanequipment.com
X Insurance	11	www.xinsurance.com
Yale Cordage	BC	www.yalecordage.com



On Site Employee Verification

Bob Put In 9 Hours And 3 Minutes Of Work On Tuesday.
Stop Guessing. Start Verifying!

Always Know Who, When and Where with eMars Compliant Client and RFID
 Be Davis - Bacon Compliant In Minutes • Users Report 85% Savings of Money and Time • Alerts You of 30 Compliance Errors

Ph. 480-595-0466



eMarsinc.com

NEW COVID-19 GOVERNMENT REQUIREMENTS

Required Vaccinations for all Federal Workers and for Millions of Contractors that Do Business with the Federal Government



Finds and Notifies You of 31 Possible Davis Bacon Compliance Errors
80% Savings of Time and Money Compared to Manual Payroll Preparation
5 Minute Friday Payroll • Encrypted • Internet based
58,000 + Construction Company Clients • Avoid Jail Time and Costly Fines

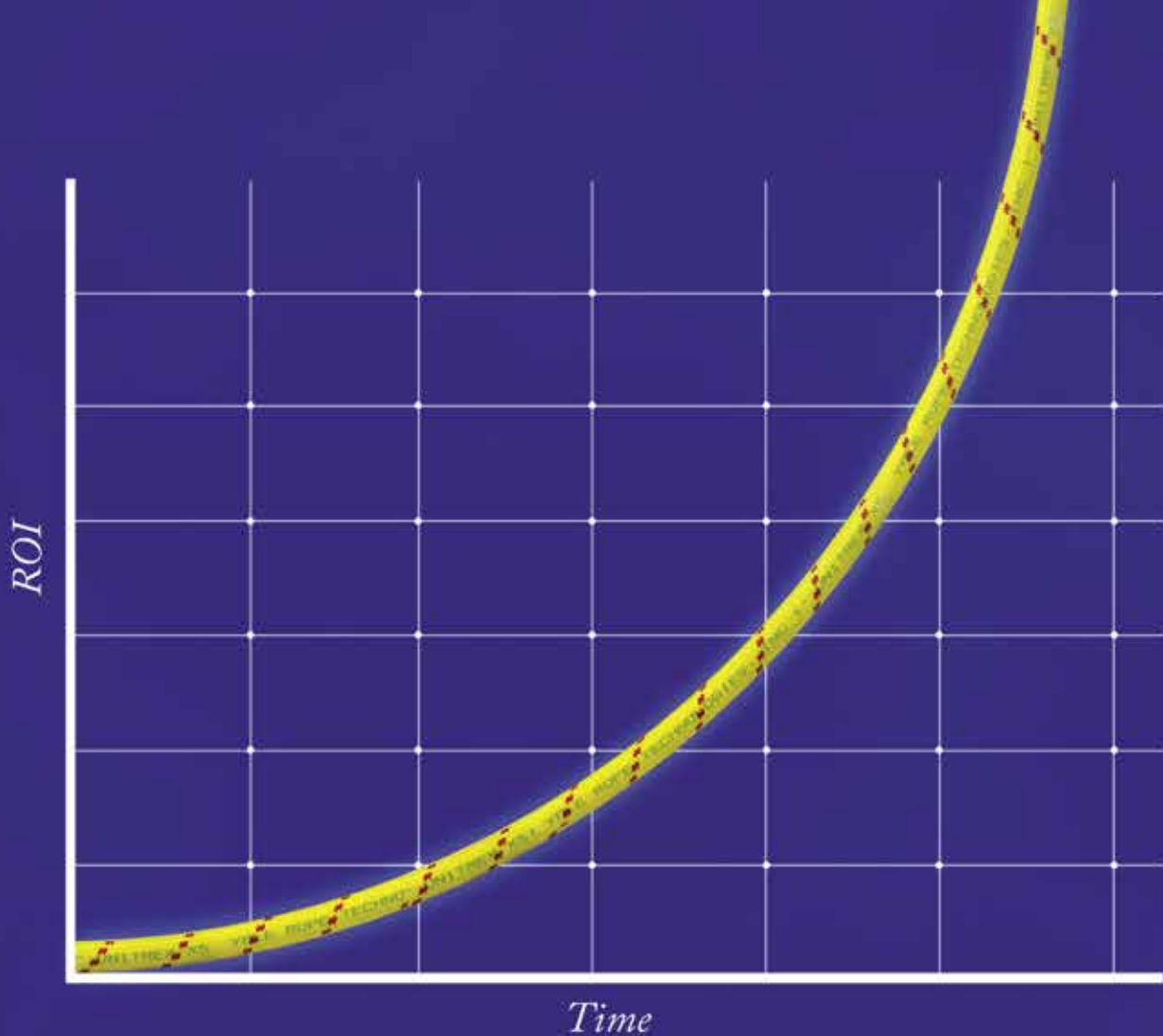
eMarsinc.com

480-595-0466

Stay In Compliance with the Davis-Bacon Act
Easily Know When Each Employee was Immunized



Compliant
client by eMars



Unitrex XS™ Max Wear. Unmatched performance in the field and in the boardroom.

Electric line stringing is easier and more economical with Unitrex™. Made with a core of Honeywell Spectra®, it is up to 10 times lighter than steel, while delivering comparable strength. The urethane-coated polyester jacket provides excellent abrasion resistance for great productivity that lasts.

To learn more, visit www.yalecordage.com

YALE CORDAGE
Performance. Passion. Possibilities.

77 Industrial Park Road | Saco, Maine 04072 | p (207) 282-3396, f (207) 282-4620