

August 2024

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

# THE ELECTRIC CURRENT

**Latest Technology And  
Innovation Keeping Ahead  
In Cable Tray Systems**



**TICO Announces  
Availability of the  
Next Generation  
TICO Pro-Spotter  
Electric Terminal  
Tractor**

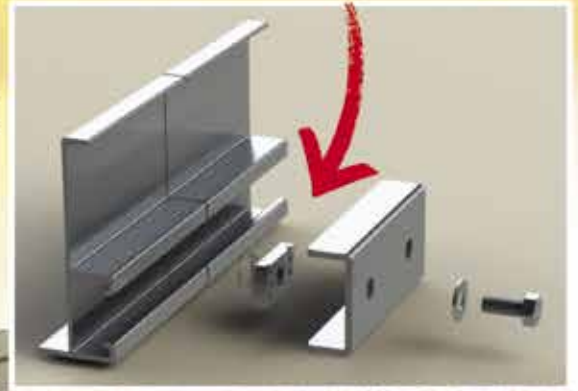


# Zip

- Fast Installation
- Easy to Install
- Aluminum  
Lightweight



SINCE 1994



## Aluminum Cable Tray Systems



Made in  
Canada

1 866 818 0299

info@ziptray.ca

www.ziptray.ca



Zip Cable Tray Systems Inc • 97 Hymus Blvd. • Pointe-Claire, QC • H9R 1E2

THE SECRET TO

# UNDERGROUND POWER 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](http://WWW.UDEVICES.COM)

AND EXPERIENCE THE FUTURE OF UNDERGROUND POWER INSTALLATION



PG 4	Company Profile • Sunbelt Solomon
PG 8	Latest Technology And Innovation Keeping Ahead In Cable Tray Systems
PG 14	TICO Announces Availability of the Next Generation TICO Pro-Spotter Electric Terminal Tractor
PG 20	Ad Index



The test tools you need - for the information you require.



From monitoring equipment, tools and test instruments to the need for on-going calibration requirements and the training to understand everything - there is no wonder the maintenance professional is overwhelmed. With the availability of new and upcoming technology, information overload can quickly set in when trying to put together the best maintenance solution. **That's where we come in.** EDE can demystify electrical testing programs, offer support, training programs and the high tech equipment to make your maintenance activities straight forward and motors and generators doing what they are supposed to do - run. We will help you **Find the Way.**



• 970/292-8207 • [www.edeinst.com](http://www.edeinst.com) •



Vol. 24 Issue 8

**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](http://www.theelectriccurrent.com)  
[info@theelectriccurrent.com](mailto:info@theelectriccurrent.com)



*The Electric Current™* is published twelve times a year on a monthly basis by Southern Digital Publishing, 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  
Southern Digital Publishing, Inc. P.O. Box 1568  
Pelham, AL 35124  
PRINTED IN THE USA

# Made to order precast polymer HOUSEKEEPING PADS

**ZANITE<sup>®</sup> PLUS** POLYMER COMPOSITE  
A base you can build on.

18,000 PSI CORROSION RESISTANT  
ZANITE PLUS POLYMER CONCRETE

LIFTING PROVISIONS

EXTREMELY FLAT  
MOUNTING SURFACES

FRP INTERNAL  
REINFORCEMENT

CUSTOM  
FOOTPRINTS/  
HEIGHT

CONDUIT  
OPENINGS

STAINLESS STEEL  
EQUIPMENT MOUNTING  
LOCATIONS

THREADED LEVELING  
LOCATIONS (OPTIONAL)

COUNTERBORE  
ANCHOR MOUNTS (OPTIONAL)

## ADVANTAGES OF POXYBASE<sup>®</sup> PADS

### Outperforms

traditional concrete

### Quick Installation

no waiting for concrete to cure

### Labor Saving

no forms or pouring field materials

### Mounting

stainless steel inserts for  
equipment and floor anchors

### Flexible Designs

built to exact size specifications  
including conduit openings

### Built to Last

corrosion resistant and extremely  
durable (seismic ready)

### Quick Delivery

with limited colors available



basetek.com **877-712-2273** info@basetek.com

**BASETEK**  
L L C

**Built to last**  
and outperform.

**We guarantee it.**





SUNBELT SOLOMON

## REGULATORS

- 24/7 customer support
- 5 dedicated regulator shops across the US, with factory-trained technicians
- Retrofitting to your preferred control panels
- Comprehensive field service offerings

GET A QUOTE TODAY

*Evaluations and estimations provided on all units prior to repair*

- 800.830.0251
- info@sunbeltsolomon.com
- sunbeltsolomon.com



### **Company Profile • Sunbelt Solomon**

Sunbelt Solomon is a leading electrical provider specializing in full lifecycle solutions, catering to a diverse range of utilities and industries across North America. With a comprehensive suite of products and services including remanufactured and new transformers and auxiliary equipment, rental equipment, repair services, asset recovery, field teardown, and field services, Sunbelt Solomon is as a reliable partner in customized electrical solutions and services.

#### **Why Sunbelt Solomon?**

**Core Offerings:** Sunbelt Solomon's both remanufactured and new electrical equipment ensures customers have access to a wide range of solutions to meet their specific needs. Whether it's reconditioning existing equipment or providing brand new units, we deliver high-quality products that meet industry standards.

**Services:** Our services extend beyond mere product delivery, providing end-to-end solutions. Sunbelt Solomon's rental services offer flexibility to clients, allowing them to access equipment without the burden of ownership. Asset recovery services enable our customers to maximize the value of their assets through efficient decommissioning and resale processes. Additionally, the company offers comprehensive field teardown and field services, ensuring seamless integration into existing and new electrical infrastructures.

Find.  
Fix.  
Fast.



- ✔ Busway & Plugs
- ✔ Circuit Breakers
- ✔ Fuses
- ✔ Motor Control Centers
- ✔ Panelboards
- ✔ Safety Switches
- ✔ Switchgear
- ✔ Transformers

If we don't have what  
you're looking for,  
**we find it.**

**GET 10% OFF**  
YOUR FIRST ONLINE ORDER

With code

**ELECUR10**

**Home of Thousands of Transformers,  
Breakers, Switches, Bus Plugs,  
Circuit Breakers and Motor Controls.**



250,000<sup>+</sup> of  
inventory



Every product  
certified



Quick Ship  
Fast lead-time

EMSCO stocks obsolete, reclaimed, and  
hard to find electrical components.

[www.EMSCOMN.com](http://www.EMSCOMN.com)



**24-HOUR  
HOTLINE**

Get what you need, when  
you need it.

**CONTACT US**

**800.328.1842**

24-Hour Emergency Line

# 5,000 Lumen (50W) Rechargeable/AC Dual Head LED Tripod Work Light



- Tool-Free 360° Swivel Head Adjustment
- Extendable Tripod
- 16Ft 18/2 SJTW Charge/AC Cord
- Maximum Height 75"
- (1) On/Off Switch  
(1) Light Setting Switch
- Run Time: Hi-2/  
Med-4/Lo-8hrs
- Charge Time: 6hrs
- Dual Function:  
Plug In and Use  
Continually On  
\*\*Medium Light  
Mode Only\*\*
- Reversible Ground  
Spikes for Secured  
Footing



## Our Value Proposition:

Sunbelt Solomon is centered around four key pillars: *Sustainability, Speed, Customization, and Customer Centricity.*

**Sustainability:** Since our beginning, we have been committed to environmental responsibility, offering remanufacturing services that extend the life of electrical equipment and reduce waste. By utilizing sustainable practices, Sunbelt Solomon supports a greener future for our industry and the planet.

**Speed:** Sunbelt Solomon understands the importance of timely solutions in this fast-paced energy sector. With a commitment to efficiency, we deliver quickly for all services, minimizing downtime and maximizing productivity. With over 50,000 pieces of inventory in stock, we are ready to support your electrical requirements.

**Customization:** Recognizing that each customer has unique needs, Sunbelt Solomon emphasizes customization in its offerings. Whether it's tailoring equipment specifications or providing specialized services, we work closely with our customers to deliver solutions that precisely meet their needs. Our experienced engineering staff can design, package, and procure a wide range of power solutions- from simple to complex.

**Customer Centricity:** Customer satisfaction is the core of Sunbelt Solomon. We place our customers at the forefront of every decision, striving to exceed expectations through proactive communication, responsive support, and a commitment to safety and quality.

With 18 locations across North America, Sunbelt Solomon ensures widespread coverage and accessibility. As a trusted one-stop shop, we have 24/7 availability that ensures our customers have support whenever they need it, 365 days a year.

[www.sunbeltsolomon.com](http://www.sunbeltsolomon.com)

1-866-4VOLTEC (486-5832)





# RHINO

## SWITCHBOARD MATS

### FUSEBOX SAFETY MAT™

#### *Rhino Switchboard Mats For The "If" in Life.*

Easily carried to job or construction sites, **Fusebox Safety Mat™** by Rhino provides portable insulation when working in close proximity to exposed energized equipment. around substations, transformers, switches, electrical panels, or high-voltage equipment. **Fusebox Safety Mat™** should be used in any area where Health and safety risk assessment shows a possibility of high-voltage shock.

#### *Safety Focused. Results Driven*

Rubber-insulating gloves, insulated hand tools, and switchboard-insulating mats are vital components of a successful PPE system. All should be used in conjunction with engineering safeguards and associated work practices.

#### *Quality You Can Count On*

All are tested to ASTM D178/ANSI J6.7 specifications with

**Extreme-Duty Series Class 4**  
1/2" thick Corrugated Surface  
Test Voltage 50,000 VAC  
Proof Test 40,000 VAC  
Recommended 36,000 VAC

certification printed on the back.  
Two sizes available 2ft X 3ft and 3ft X 3ft,  
Two thicknesses 1/2" and 1/4"  
Available at most Electrical and  
Safety Supply Houses,  
ask for Rhino **Fusebox Safety Mat™**,

**Heavy-Duty Series Class 2**  
1/4" thick Diamond Surface  
Test Voltage 30,000 VAC  
Proof Test 20,000 VAC  
Recommended 17,000 VAC

Home Depot online or  
contact us at

713-228-5543 / [Info@rhinomats.com](mailto:Info@rhinomats.com)

[www.rhinoswitchboardmats.com](http://www.rhinoswitchboardmats.com)





## **Latest Technology And Innovation Keeping Ahead In Cable Tray Systems**

### ***Who Is Zip Cable Tray Systems Inc.?***

Zip Cable Tray Systems Inc. was designed in 1994 at the specific request of the telecom industry for a lightweight cable tray system that was strong, yet fast and easy to install.

Recently rebranded as Zip Cable Tray Systems Inc., the new name better reflects our superior product design and service that our company has offered for over 2 decades.

Our mission here at Zip Cable Tray Systems Inc. is to continue providing our clients with the market-leading cable tray products and excellent customer service that our company has become known for.

Made in Canada! Located in Pointe-Claire (Montreal), Quebec, Canada, our modern production facility is equipped to meet any special requirement you may have.

Zip leads the industry when it comes to cable tray systems and wire management!

Behind every meticulously handcrafted Zip cable tray and cable ladder are highly skilled employees



# 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](mailto:crs@conduitrepair.com)



**1**  
Step 1: Remove  
Damaged Conduit



**2**  
Step 2: Cut Split  
Duct Conduit to Fit



**3**  
Step 3: Snap in  
Place



**4**  
Step 4: Attach  
Adapters



**5**  
Step 5: Finish Job  
in Record Time

Please Visit Our Website at [WWW.CONDUITREPAIR.COM](http://WWW.CONDUITREPAIR.COM)

who work in a state-of-the-art facility located less than an hour from the Canadian - U.S. border and 20 kilometers from downtown Montreal.

**A Canadian Company Leading the Industry / In Aluminum Cable Tray Systems & Wire Management.**

**Zip Cable Tray / Benefits**

*Fast Installation:*

One of the prime features of the Zip cable tray design is that the channel-style siderails accept spring nuts. This eliminates the need for any drilling and makes for an extremely fast and simple installation.

*Fast Delivery:*

90% of our orders ship in less than a week, a market leader! A large inventory of popular items (ladder-style cable racking) are in stock for immediate delivery.

*All-Aluminum Construction:*

- Lightweight
  - 1 person can easily install
  - Less weight for the whole site
- Easy to cut and easy to drill (if necessary)
- Connections do not require jumper cables across them
- Non-magnetic properties reduce induction and electrical losses to a minimum
- Very attractive looking
- No painting required
- Never any rust or corrosion problems

Aluminum cable tray systems are clearly superior in construction and appearance to electrical raceway systems made from other metals. Zip has taken that benefit and incorporated the best product design to fully utilize the advantages of aluminium.

**Wire Management At Its Best With Zip**

There is always a Zip cable tray and wire management solution to fit your needs.

Whether you are doing telecom work or high voltage electrical wiring, routing 1 cable or 1000's of cables, multiple levels, branching off in many different directions, Zip cable trays and cable racks will get the job done right!

We cater to many industries that all have special requirements. Our priority is to find a cable raceway solution for your specific situation. Whether it is the low profile cable tray (BT Series) or 6" high siderail with a sweeping 36" radius, we have a solution for your project!

Zip's ladder-style cable tray is lightweight, durable and simple to install. With Zip cable tray and cable racking your wire management is in good hands.

**UL Classified / CSA Approved**

Zip cable tray is classified by UL and CSA/NEMA tested and approved for use in Canada and USA and complies with the electrical codes of



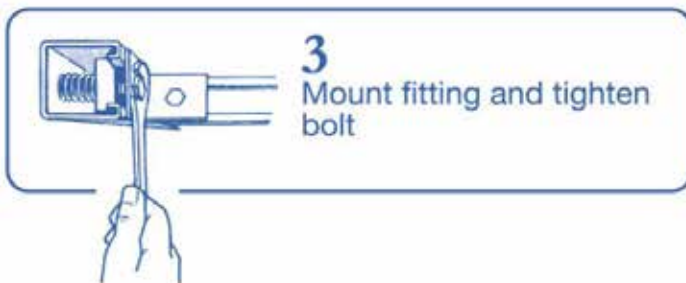
**Spring nut (zinc-plated)**



**1**  
Insert spring nut anywhere along channel



**2**  
Locate fitting and turn spring nut until grooves click into place



**3**  
Mount fitting and tighten bolt



# “When 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.



**MOBILE** DESK  
MOBILE OFFICE SOLUTIONS  
**1-877-663-3375**  
[www.mobiledesk.com](http://www.mobiledesk.com)



Made to order polymer composite  
**HOUSEKEEPING PADS**

**ZANITE PLUS** POLYMER COMPOSITE  
 A base you can build on.

 Proudly made in the U.S.A.



**Outperforms** traditional concrete  
**Quick Installation** no waiting for concrete to cure  
**Labor Saving** no forms or pouring field materials  
**Mounting** stainless steel inserts for equipment and floor anchors

**Flexible Designs** built to exact size specifications including conduit openings  
**Built to Last** corrosion resistant and extremely durable (seismic ready)  
**Precast** with limited colors available

basetek.com | info@basetek.com | 877.712.2273

**BASETEK** Built to last and outperform. We guarantee it.

©2024 BaseTek, LLC. Zanite Plus is a registered trademark of BaseTek LLC.

both countries (CEC and NEC). Powder coating with any colour is available, but note that adding a painted coating to the cable tray negates the UL and CSA/NEMA certification! Jumper cables will need to be installed across cable tray splices to maintain electrical continuity.

**Electrical Continuity**

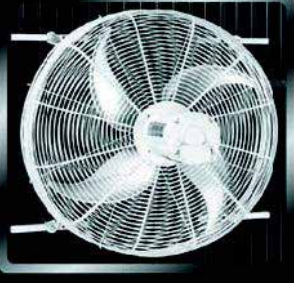
Zip's cable tray systems couplings do not require additional equipment grounding conductor's (EGC), also known as 'jumper cables', across splices. This is a significant cost saving. In accordance with the harmonised CSA/NEMA cable tray standard, a strict electrical continuity test was performed on all Zip cable trays. This test measures the electrical resistance across a splice and the result must be less than 0.00033 ohms! All Zip cable trays easily passed the electrical continuity test.

Some clients create their own, much stricter standards. For example, in order to qualify for the Motorola R56 standard, jumper cable across each splice is a necessity.

*Zip Has Succeeded In Satisfying Many Industries:*

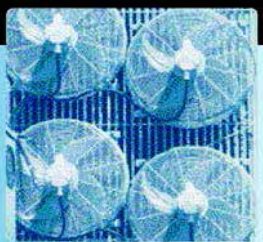
- National cell phone network providers (eg: Bell, Telus, Rogers, Videotron, AT&T, Verizon Wireless, Sprint, US Cellular and T-Mobile)
- National railway company signal houses (eg: Amtrak, CN, CSX)
- Cable TV network providers (eg: CBC, RDS, Cogeco, Videotron)
- Cabling contractors
- Electrical contractors for various commercial and industrial projects, eg:
  - Factories and industrial shops
  - Solar panel installations
  - Oil fields installations
  - LAN rooms
  - Data centres
  - POP (point of presence) substations
  - Schools and universities
  - Hospitals
  - Car wash installations
  - High voltage installations/Utility


**Get Cool!**



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

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



 **KRENZ-VENT**  
 quality engineered, performance tested

p.o. box 187 germantown, wisconsin 53022 262.255.2310 [www.krenzvent.com](http://www.krenzvent.com)

[www.ziptray.ca](http://www.ziptray.ca)



*"As a safety professional, you always want your workers to have access to leading edge safety tools that improve safety and focus. Working with **COOLSHIRT SYSTEMS** over the past two years allowed me to help design a tool by lineman for lineman."*

*The **A.R.C. Hybrid Cooling System** by **COOLSHIRT SYSTEMS** allows lineman to remain more focused and less fatigued by reducing their core body temperature in extreme environments, therefore reducing the possibility of unintended accidents."*

**-James "Jim" Bonner**  
Compliance Coordinator- Retired  
Alabama Power



# A.R.C. Hybrid Cooling System

*Complete Arc Rated Portable Cooling Solution*

Developed in conjunction with major power companies for use in extreme heat conditions, the **A.R.C. Hybrid Cooling System** uses liquid cooling to reduce fatigue, injury, and heat stress related illness.

Designed specifically for use by linemen, the **A.R.C. Hybrid Cooling System** features a compact design with a custom woven strap mounting system. The use of S-hooks offers the versatility of mounting inside or outside of the bucket. The system includes our mobile ice based cooler, a 7 hour lithium ion battery with charger and a **CAT 2, 12 CAL** rated Liquid Cooled Vest for **70E Arc Flash** protection.

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.



A.R.C. Hybrid Cooling System  
2002-0017



**COOLSHIRT**<sup>®</sup>  
LIQUID COOLED GARMENTS

# TICO Announces Availability of the Next Generation TICO Pro-Spotter Electric Terminal Tractor



*Offers Higher Levels of Onboard Energy, Flexibility for Any Application, Especially for Port Operators*

TICO (Terminal Investment Corporation) Manufacturing, the leading terminal tractor manufacturer and one of the largest terminal tractor fleet owners and operators in North America, announced today at the Advanced Clean Transportation (ACT) Expo the launch of the next generation of its Pro-Spotter Electric Terminal Tractor. The next generation Pro-Spotter Electric terminal tractor offers users unprecedented levels of onboard energy.

“It was clear that the market demanded more flexibility in electric terminal tractors. End users should not have to change their entire operations to meet sustainability initiatives and requirements. We set out to tailor our next generation terminal tractor to meet each set of customer requirements and have succeeded in establishing an all-new benchmark for the industry,” said Mallery Pindar, TICO’s Senior Director of Sales and Marketing. “This level of onboard energy finally conquers the challenge that port operators have of runtime when addressing demanding port applications and uses.”





# STRUCTURAL STEEL CO., INC.

## 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



*Call For a Quote On  
Your Next Project*

***We Manufacture 26 & 29 ga.  
Steel Roofing & Siding***



# STRUCTURAL STEEL CO., INC.



607 Rt. 13 S, Cortland, NY 13045

**National: 1-800-323-7739**



(607) 753-9384 • Fax: (607) 753-6272 • [www.essexsteel.com](http://www.essexsteel.com)

TICO announced production of its first generation electric terminal tractor in 2023 with its partnership with Volvo Penta, leveraging the Volvo electric technology into its industry leading terminal tractor design. Recognizing the additional requirements that many terminal tractor users have, TICO's new Pro-Spotter Electric incorporates additional battery and driveline options from a diverse set of suppliers. Full production will commence in 2025.

Key features of the new TICO Pro-Spotter Electric Terminal Tractor include:

- Scalable range of onboard energy levels, with top end of 312 kWh
- Top end unit GCWR of 160,000 lbs. plus 61,000 ft-lbs. of wheel end torque tailored to the port operator
- 175 kWh max fast charge or inductive charging adaptable
- BABA Compliance (Build America, Buy America Compliant), qualifying for the nation's major grant funding programs such as the Clean Ports Program

"We understand very well the challenges port operators face," said Dean Newton, TICO's Director of Engineering. "Drawing on our experiences operating over 2,000 units internally, we also examined every aspect of our customer's operations to help develop this product. We are confident it will meet the challenges our customers face, particularly port operations. Now, 312 kWh is the new benchmark for the industry. This finally conquers the challenge for greater runtime in the work settings that these operators have."

**TYING CONDUIT TO REBAR HAS NEVER BEEN EASIER OR FASTER!**

SCAN TO WATCH IT IN ACTION:

OUR TWINTIER TECHNOLOGY ALLOWS THE RB611T TO TIE 5,000 TIES PER CHARGE, WHILE DELIVERING JUST THE RIGHT AMOUNT OF WIRE FOR GREATER PRODUCTIVITY AND COST SAVINGS.

**MAX**  
maxusacorp.com



# SAFETY FIRST

# OPTIMIZE YOUR WORKSPACE

Available in both  
**CHAIN & CABLE**  
Configurations



- Customizable height and reach to best fit your space.
- Ergonomic positioning for easy low strain use.
- Create a safe, efficient work environment.



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

## 800-4-SKYHOOK

800-475-9466 • 208-365-5770

[www.skyhookmfr.com](http://www.skyhookmfr.com)



“The launch of the Pro-Spotter Electric Terminal Tractor once again demonstrates why we are the leading terminal tractor manufacturer in the industry,” said Jim Grooms, Division President of TICO. “We listened to our port operators and other customers, and delivered a product that meets their needs exclusively as well as those of intermodal operations and distribution centers alike.

#### About TICO Manufacturing

TICO Manufacturing is the quality manufacturer of the Pro-Spotter and Pro-Spotter Electric on- and off-Highway terminal tractors for distribution centers, rail terminals and ports, and the Pro-Shuttle terminal trailer. TICO terminal tractors are built in Ridgeland, SC to be “Your Best Move.” For more information, please visit [www.ticotractors.com](http://www.ticotractors.com)



## SUNBELT SOLOMON

### REGULATORS

- 24/7 customer support
- 5 dedicated regulator shops across the US, with factory-trained technicians
- Retrofitting to your preferred control panels
- Comprehensive field service offerings

**GET A QUOTE TODAY**

*Evaluations and estimations provided on all units prior to repair*

- 800.830.0251
- [info@sunbeltsolomon.com](mailto:info@sunbeltsolomon.com)
- [sunbeltsolomon.com](http://sunbeltsolomon.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.

## Ad Index

Company	Pg.	Website
Base Tek	3	<a href="http://www.basetek.com">www.basetek.com</a>
Conduit Repair	9	<a href="http://www.conduitrepair.com">www.conduitrepair.com</a>
Cool Shirt	13	<a href="http://www.coolshirt.com">www.coolshirt.com</a>
CopperWeld	BC	<a href="http://www.copperweld.com">www.copperweld.com</a>
EDE Electric Motor Testing	2	<a href="http://www.edeinst.com">www.edeinst.com</a>
Emsco	5	<a href="http://www.emscomn.com">www.emscomn.com</a>
Essex Steel	15	<a href="http://www.essexsteel.com">www.essexsteel.com</a>
Grace Industries	IBC	<a href="http://www.graceconnectedsafety.com">www.graceconnectedsafety.com</a>
Krenz Vent	12	<a href="http://www.krenzvent.com">www.krenzvent.com</a>
Maddox	19	<a href="http://www.maddox.com">www.maddox.com</a>
Max USA	16	<a href="http://www.maxusacorp.com">www.maxusacorp.com</a>
Mobile Desk	11	<a href="http://www.mobiledesk.com">www.mobiledesk.com</a>
Rhino Switchboard Mat	7	<a href="http://www.rhinoswitchboardmat.com">www.rhinoswitchboardmat.com</a>
Skyhook Mfr	17	<a href="http://www.skyhookmfr.com">www.skyhookmfr.com</a>
Sunbelt Solomon	18	<a href="http://www.sunbeltsolomon.com">www.sunbeltsolomon.com</a>
Underground Devices	1	<a href="http://www.udevices.com">www.udevices.com</a>
Voltec	6	<a href="http://www.voltecpowerlighting.com">www.voltecpowerlighting.com</a>
Working Concepts	20	<a href="http://www.safeworker.com">www.safeworker.com</a>
Zip Tray	IFC	<a href="http://www.ziptray.ca">www.ziptray.ca</a>

# Work shouldn't hurt.

## SOFT KNEES® No-Strap Knee Pads



## STOP a LADDER®

Another fine **ergoKNEEL** product  
[www.ergokneel.com](http://www.ergokneel.com)



888-456-3372 • [www.safeworker.com](http://www.safeworker.com) • [info@safeworker.com](mailto:info@safeworker.com)



# GRACE

CONNECTED SAFETY

LONE WORKER PROTECTION  
FALL PROTECTION  
SUSPENSION TRAUMA PREVENTION

 SECURE 1/2 MILE  
LINE-OF-SIGHT 



## ASSIGNED MONITORING ATTENDANTS



Grace Web Portal Dashboard



Custom Check-In Schedule



TEXT/Email Notification

Receive a GPS Map Link

Check-In System



LEARN MORE



## GRACE GATEWAYS

Iridium Satellite/Cellular

Mobile or Portable Worksite Models

SALTI™ System Loop Test Indicator

Supports up to 20 Grace Pendants



## WORKFORCE® LONE WORKER PENDANT

Fall Detection

Manual Panic Button

Motion Detection

GPS Location



GRACECONNECTEDSAFETY.COM



## Upgrade Your Building Wire with Copper-Clad Aluminum (CCA).



### Cost Stable

Reduce your exposure to volatile price fluctuations.



### Code Compliant

NEC referenced since 1971, Copperweld is accepted by builders and inspectors.



### Easy to Install

A similar metal to copper for electrical connections, CCA is light and easy to bend.



Learn More

Copper where it counts™

Contact us for sales and info:

615-622-4662

[buildingwire@copperweld.com](mailto:buildingwire@copperweld.com)

[copperweld.com](http://copperweld.com)