

THE

# UTILITYSOURCE

April 2023

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

## LineWise® Introduces Fork-Mounted Guard Arm for Telehandlers

**Ingersoll Rand Expands  
IQV20™ Battery Series  
with New Cordless  
Impact Driver, Wrenches,  
and Angle Grinder**



# “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)

# 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.

## TUS Contents • April 2023

- PG 4 Transmission & Distribution Stringing Blocks & Accessories From Sherman + Reilly
- PG 6 LineWise® Introduces Fork-Mounted Guard Arm for Telehandlers
- PG 8 Pettibone Hits 15,000-Pound-Capacity Benchmark With New Extendo1544X Telehandler
- PG 16 Ingersoll Rand Expands IQV20™ Battery Series with New Cordless Impact Driver, Wrenches, and Angle Grinder
- PG 24 Ad Index



**Pg 16**

### **S SELICK** LIFT, LOAD AND DELIVER WITH SELICK!

Whether you need to deliver a skid of blocks to a jobsite or move a 16,000 lb. load of steel, Sellick has the forklift that is right for you.

We have been engineering and manufacturing rough terrain forklifts for over 50 years and our nationwide dealer network offers superior support for all your parts and service requirements.

Call toll-free or e-mail us today for all your material handling needs.



**1-877-SELICK (735-5425)**  
**sales@sellickequipment.com**

# THE UTILITYSOURCE

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

Vol. 23 Issue 4

#### 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

# SDP

*Southern Digital  
Publishing*

*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

# 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)

## Transmission & Distribution Stringing Blocks & Accessories

When Allied forces landed at Normandy, Sherman+Reilly blocks were there to help offload supplies from the LSTs. When something provides a critical function, it is important to know it can be relied upon. With over 80 years of experience in manufacturing distribution and transmission sheaves and blocks, Sherman+Reilly has been building line stringing blocks longer than any active lineman has been alive. Made in the USA from virgin aluminum, the Sherman+Reilly "Forever Warranty" is a testament to Sherman+Reilly's confidence in their product.

### *XS-100-B Universal Stringing Block*

XS-100-B Universal Stringing Block is the standard block used in the electric utility industry and is the most versatile conductor universal stringing block ever made. This block can be used in suspension utilizing a high strength, hot dipped galvanized socket connector; or, used on crossarms thru 5" x 6" in five positions to 9 1/2 x 7 in. positions with a Fastrap® and can be mounted vertically, or at various angles on a crossarm. 100% positive locking spring loaded head pin assembly has large loop for hot stick operation.

The XS-100-B block is light but extremely rugged. Sheave and crossarm bracket base are permanent mold castings with heat treatment. Anti-friction ball bearings are lubricated for life of block under normal conditions. The outside sheave diameter is 7 in. with a maximum 1-3/4 in. O.D. of conductor. Its maximum working load is 2,500 lbs.

Four material options are available on the XS-100-B block for sheave/groove linings: polished-groove aluminum, urethane on aluminum, ductile iron, and nylon. Ductile iron is optimal for unusually rugged applications due to its resistance to abrasion. Additional fittings and accessories include: noose ball fitting, #1 hook, #1 hook with safety latch, #6 oval eye, #8 clevis, or a #3030 Y-clevis, pole mounting brackets, pole top bracket, adjustable insulator adapter, horizontal line post adapter, grounding stud, and a

1210 adapter.

### *XL-100 Conductor Stringing Block*

The Sherman+Reilly XL-100 Universal Conductor Stringing Block debuted in 2021. It is extremely rugged and ready to handle a maximum working load up to 5,000 lbs. This block is configured with one 11.75 in. sheave, a large hook, and a 100% positive locking spring-loaded head pin. The XL-100 block weighs 17.5 lbs. and has a 9.0 in. bottom of groove sheave diameter. Low friction sealed ball bearings are lubricated for life of block under normal conditions. Backed by Sherman+Reilly's Forever Warranty®, and ready to tackle tough stringing jobs.

### *Find The Stringing Blocks & Accessories You Need at Sherman+Reilly*

More information about Sherman+Reilly's line of stringing blocks and accessories for transmission and distribution jobs including bundle blocks, adapters, fittings, aerial blocks, ground to air and handline blocks, snatch blocks, hold down blocks, brackets, grounds, swivels and connectors, grips, array blocks, hooks, helicopter arms, and running boards can be found online at [www.sherman-reilly.com/stringing-blocks-and-accessories/](http://www.sherman-reilly.com/stringing-blocks-and-accessories/) •



800.557.0098 | [golight.com](http://golight.com)

# GO LIGHT



DURABLE  
VERSATILE



POWERFUL  
GUARANTEED







# LineWise® Introduces Fork-Mounted Guard Arm for Telehandlers

---

The new Fork-Mounted Guard Arm from LineWise® helps prevent conductors from falling into the right-of-way crossings. Designed to conveniently mount to the pallet forks on a telehandler, the Guard Arm provides a simple, yet effective safety measure to securely catch falling lines.

Featuring a 1,200-pound capacity, the LineWise Guard Arm has a 12-foot-wide span from tip to tip with the ears installed, allowing it to accommodate a variety of distribution lines. When not in use, the ears can be easily stowed on the unit to maintain a more compact profile. The Guard Arm also includes a cross roller with bearings to facilitate movement if a conductor lands on it.

The Guard Arm can be installed or detached in approximately 30 seconds with no adapter needed. A rear locking pin, which meets OSHA requirements, securely holds the unit in place on the forks.

The Guard Arm weighs 607 pounds (275 kg) and can be used on all telehandlers with a capacity of 8,000 pounds (3,629 kg) or greater. It has been officially approved for use on a variety of telehandler models from Xtreme Manufacturing, as long as the operator understands and follows the appropriate load ratings for the machine.

LineWise is a division of Diversified Products. The company designs, engineers and manufactures a full line of utility products, including line lifters, insulated work platforms, spacer carts, phase lifters, transmission temporary conductor supports and the Buddy Bushing transmission hardware reinforcement system. For more information, contact Diversified Product Development, 700 Research Avenue, Waco, Texas 76705, phone 254-757-1177, fax 254-757-1188, or visit the website at [www.line-wise.com](http://www.line-wise.com) •

**Pettibone Hits  
15,000-Pound-  
Capacity Benchmark  
With New  
Extendo1544X  
Telehandler**



Pettibone brings its X-Series telehandler lineup to the 15,000-pound lifting class for the first time with the introduction of the Extendo 1544X telehandler. The added load capacity is ideal for material handling tasks

in highway construction, pipe yard applications, and for extended load requirements on traditional building sites.

The 1544X is powered by a 117-horsepower Cummins QSF 3.8 Tier 4 Final turbo diesel engine. Mounted onto a side pod, the engine offers easy accessibility to components and daily service checks, while still allowing for exceptional curbside visibility and a ground clearance of 19 inches. The 30-gallon fuel tank provides ample volume for a full day's work at 100-percent load. The telehandler comes standard with foam-filled tires.

Built on Pettibone's next-gen X-Series platform and featuring an advanced boom design, the 1544X offers a maximum lift height of 44 feet, a maximum forward reach of 29 feet, and a maximum load capacity of 15,000 pounds. Formed boom plates provide the boom structure with greater strength while reducing weight. The design also minimizes boom deflection for better control and accuracy when placing loads.

Significant boom overlap provides smoother operation and reduces the contact forces on wear pads, thereby extending service life. An external, bottom-mounted extend cylinder further reduces the load on wear pads by up to 50 percent. The cylinder location provides improved service access to internal boom components. Fastener-less wear pads also simplify service, and heavy-duty extension chains help to ensure stable boom functions.

Pettibone's tried-and-true hydraulic circuit delivers exceptional controllability and operating feel, while enhancing efficiency and cycle speeds. Cylinder cushioning dampens the end of strokes—both extending and retracting—to avoid the wear and tear of hard, jarring stops, while also helping to prevent the potential spilling of a load. The 1544X uses a single lift cylinder that improves operator sight lines

# RESA POWER™

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](http://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](mailto: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](http://www.resapower.com)

and has twin hydraulic lines for tilt and auxiliary plumbing.

The new Extendo 1544X comes standard with X-Command™, a Pettibone telematics program that offers real-time access to machine data, saving time and money for equipment owners and

service technicians.

The drivetrain and axles are optimized to provide greater tractive effort with minimal tradeoff on top-end speed. A pintle-hitch mount adds versatility for towing. Built for use on rough terrain, the machine offers full-time 4-wheel-drive with a

limited-slip front-axle differential. Tight-steer-angle capability provides an efficient turning radius. The Dana VDT12000 Powershift transmission offers three speeds, forward and reverse.

The X-Series operator cab maintains Pettibone's standard features, including ergonomic seat, pedal, joystick, and steering-wheel positions, while optimizing lines of sight in all directions. An analog/LCD gauge cluster comes standard, and an optional 7-inch digital display with an integrated backup camera is also available. The cab also offers enhanced climate control, flat bolt-in glass, a split-door design, an openable rear window, lockable storage under the seat, and water-resistant components for easy interior washdown.

All-steel fuel and hydraulic tanks are built to resist damage, and



An ounce of prevention is worth a pound of cure



Line Guard | Pole Guard | BirdBloc  
**Learn More at [CritterGuard.org](https://www.CritterGuard.org)**



# BUILT FOR EVERYTHING THAT'S ON THE LINE

HUSKIETOOLS.COM

SINCE 1976



FREE OFFER - CONTACT US:  
POWER@HUSKIETOOLS.COM

HIGH-PERFORMANCE  
UTILITY LINEMAN  
TOOLS & EQUIPMENT

## THE INDUSTRY'S #1 POWER UTILITY SOLUTIONS BRAND

OVER  
**200 CHOICES**  
BATTERY  
POWERED  
HYDRAULIC  
CUTTING & COMPRESSION  
TOOLS



BATTERY PLATFORMS:  
MILWAUKEE®  
MAKITA®  
HUSKIE®

8, 12 & 15 TON  
COMPRESSION TOOLS  
CUTTING TOOLS HANDLE  
UP TO 2515 ACSR,  
5" CU/AL, 5/8" GUY WIRE,  
GROUND ROD, BOLTS,  
& WIRE ROPE

**60 TON**  
**100 TON**  
**200 TON**  
PRESSES



SINGLE ACTING  
DOUBLE ACTING  
STEEL, TITANIUM

NEW  
JAWS



**21** HAND POWERED HYDRAULIC  
CUTTING & COMPRESSION  
MANUAL TOOLS

INCLUDING:  
8 & 12 TON COMPRESSION TOOLS  
FOR W, K, U-TYPE DIES & 4-POINT  
DIELESS HEADS. CUTTING TOOLS  
FOR ACSR, CU, AL, GUY WIRE, EHS,  
GROUND ROD, BOLTS, & WIRE ROPE



**12** HIGH-PRESSURE PUMPS  
BATTERY POWERED,  
ELECTRIC & GAS PUMPS;  
HIGH-PRESSURE HOSES  
& FITTINGS

ANNOUNCING  
NEW HUSKIE TOOLS  
HTP2 PROLINE  
BATTERY POWERED  
PUMP SERIES



**22** REMOTE HEADS  
CUTTING and  
COMPRESSION



DIES &  
DIE KITS OVER  
**200 CHOICES**

BURNDY EQUIVALENT:  
W, U, P, L, & CSA DIES  
KEARNEY EQUIVALENT:  
8, WH-2, WH-3 DIES  
ALCOA EQUIVALENT:  
60 & 100 TON DIES  
WIRE ROPE DIES



**12**  
TIGER POLE  
PULLER &  
MATERIAL  
HANDLING  
PRODUCTS

HUSKIE TOOLS  
CARRIES THE  
INDUSTRY'S  
MOST POPULAR  
CABLE GRIP  
SIZES

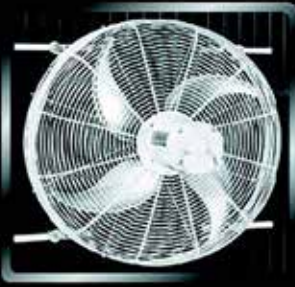


LEARN MORE



Huskie Tools is not affiliated with, authorized or endorsed by Milwaukee Electric Tool Corporation. Milwaukee listed cables and chargers are © 2012 by Huskie Tools. Milwaukee® HTP2 PROLINE™ are registered trademarks of Milwaukee Electric Tool Corporation. Huskie Tools is not affiliated with, authorized or endorsed by Makita Corporation. Huskie® Pole Pullers and chargers are © 2012 by Huskie Tools. Makita® and LXT® are registered trademarks of Makita Corporation.

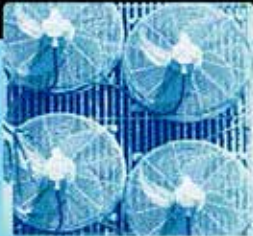
# Get Cool!



**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



quality engineered, performance tested

p.o. box 187 gerstetown, wisconsin 53022

262.253.2318

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

the lockable fuel-fill is in a clean, accessible location. Other built-in features include split-system electrical circuit panels and heavy-duty bright LED lighting. Additional options include solid tires, a sling hook for additional load security, a high-output LED lighting package, and a wide variety of attachments.

Pettibone/Traverse Lift, LLC is part of the Industrial Technologies Group, an affiliate of The Heico Companies. Founded in 1881, Pettibone has been recognized as the industry leader in material handling equipment since the company revolutionized the industry with the first forward-reaching, rough-terrain machines in the 1940s. For more information, call 906-379-4529 or visit [www.gopettibone.com](http://www.gopettibone.com)

## Relax On Payroll Fridays

eMarsinc.com  
Ph: 480-595-0466

**e- Mars, Inc.**  
"Compliance at your Fingertips"



- 5 Minute Friday Payroll
- Internet based
- 58,000+ Construction Clients
- Avoid Jail Time and Costly Fines

- Encrypted
- Identifies All Davis Bacon Compliance Errors
- 80% Savings of Time and Money Compared to Manual Payroll Preparation

"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 linemen for linemen**.

The **A.R.C. Hybrid Cooling System** by **COOLSHIRT SYSTEMS** allows linemen 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.

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**  
TEMPERATURE CONTROLLED GARMENTS

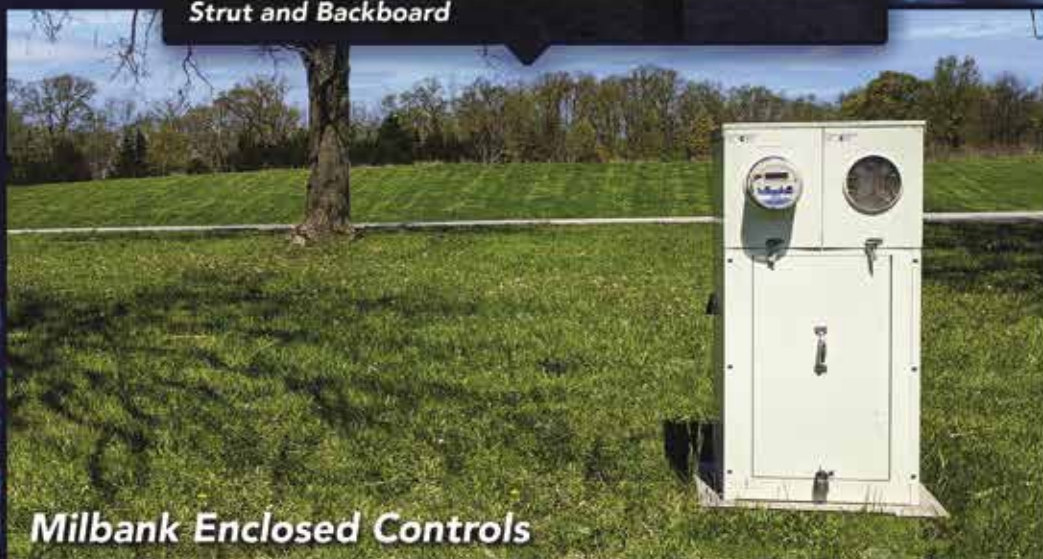


**MILBANK**  
ENERGY AT WORK

In a bind with your **GEAR JOB?**  
Switch to **Milbank Enclosed Controls**



*Strut and Backboard*



*Milbank Enclosed Controls*



Save money and  
installation time



Custom built  
for your project



One product,  
smaller footprint



Safety focused and  
more secure

Take your unsightly and complicated gear job to the next level and replace it with a Milbank Enclosed Control. Safe, secure, and cost-effective with a smaller footprint, Milbank's customized alternative to a strut and backboard serves numerous power distribution applications. Let Milbank customize your project today!

Learn more at [milbankworks.com](http://milbankworks.com)



# ROME

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



Manufacturing Heavy Duty Construction and Agricultural Equipment Since 1932

Available in 16, 18, 20, 24, and 30 foot widths



Available with 36 or 42" blades, and up to 20' wide



Available in 18 and 22 yard versions

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 24, 28, 31, 34 and 37 Yards



770-748-4450 - [www.romeplow.com](http://www.romeplow.com)

Steel Tracks available to fit any articulating tractor.



# Ingersoll Rand Expands IQV20™ Battery Series with New Cordless Impact Driver, Wrenches, and Angle Grinder

*Lightweight, Mobile, and Exceptional Power-to-Weight Ratio*

Maneuver with greater mobility, powered by a series of new Ingersoll Rand cordless tools ready for the most demanding industrial and automotive environments. Engineered to conquer a range of applications, the Ingersoll Rand IQV20™ Cordless Compact Impact Wrenches and G5351 IQV20™ Cordless Angle Grinder deliver maximum versatility, impressive power, and cordless freedom in a compact form factor that boosts productivity all on the same IQV20™ battery system for added convenience.

Image “We’re expanding our portfolio so technicians can experience the power and performance they’ve come to expect from Ingersoll Rand now with cordless options to accommodate workspaces

**SPECIFY ASHER TRUCKS FOR YOUR  
NEXT CABLE PLACEMENT JOB**

*Better Choices - Better Results*

**Nationwide  
Jobsite Delivery!**



OK Champion Cable Scrappers. #14640



Late Model Diesel Telsta T-40C Buckets. #14955



Ford Altec AT-200 Bucket Vans. #14484



Wheeler Reeler Cable Trailers. #14652



Late Model Diesel Altec AT-37G Bucket Trucks. #14506



Hogg-Davis 985 Power Reel Trailers. #14446



TSE 4-Drum Puller-Tensioners. #14679



IHC Altec Diesel Digger Derrick. #14876



Standard 3 & 4-Reel Cable Trailers. #13990



Ford Diesel OK Champion S660 Rodders. #14262



IHC Diesel 6x6 Altec 145 ft. Insulator Washer. #15182



Freightliner Altec Material Handler #14941



TSE Underground Cable Pulling Trailers. #14863

**OSHA  
Certification  
ON BOARD**

CELEBRATING OVER 100 YEARS OF PERSONALIZED SERVICE

AL **ASHER** & SONS, INC.

5301 VALLEY BOULEVARD, LOS ANGELES, CA 90032 • SALES@ALASHER.COM

**323-225-2295**

**www.alasher.com**



fine-tuning for different applications; a patented 360° LED light ring that fully eliminates shadows; impact-resistant design for maximum durability; and a 3-year limited warranty.

Along with their shared features, the three IQV20™ Cordless Compact Impact Wrenches offer unique benefits that make them a must-have addition to any technician's toolbox.

Compact even by cordless standards, the IQV20™ 1/4" Compact Impact Driver delivers up to 3,400 in-lbs. of fastening torque and weighs in at just 2.3 lbs. — the best power-to-weight ratio in its class. With a tip-to-tail length of 5.2", the IQV20™ 1/4" Compact Impact Driver offers 10% less weight and 20% more torque than its leading competitor for better tool maneuverability with less fatigue, and more control.

#### *W3131 IQV20™ Cordless Compact 3/8" Impact Wrench Out-Torques Coded Tools*

The IQV20™ Compact 3/8" Impact Wrench boasts breakaway torque up to 400 ft-lbs., a maximum speed of 2,800 RPM, and 4,200 blows per minute (BPM) for rapid removal of fasteners. Weighing 2.3 lbs., this cordless compact impact wrench is the lightest in its class while out-performing corded and pneumatic tools with a 3/8" square drive.

#### *W3151 IQV20™ Cordless Compact 1/2" Impact Wrench Handles Demanding Applications*

Featuring a 1/2" square anvil size for use with impact-rated sockets, the cordless IQV20™ Compact 1/2" Impact Wrench sports an excellent power-to-weight ratio. The 450 ft-lbs. of breakaway torque, 320 ft-lbs. of fastening torque, 2,800 RPM, and 4,200 BPM quickly complete demanding applications. The short 5.3" tip-to-tail length and compact size make this tool a great choice for accessing

where extension cords and hoses get in the way," explains Sean Fitzgibbons, Global Product Manager, Power Tools, Ingersoll Rand. "While they're compact and lightweight, these cordless tools deliver best-in-class power-to-weight ratio."

The new Ingersoll Rand IQV20™ Cordless Compact Impact Wrenches share several innovative features, including cordless maneuverability; a brushless motor that delivers impressive torque for a broad range of applications; three speed modes with variable speed triggers that allow



# 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)



tight spaces while reducing fatigue.

Rounding out the new cordless releases is the Ingersoll Rand IQV20™ Cordless 4.5/5.0" Angle Grinder and Cut-Off Tool. Ideal for industrial and automotive repair, the IQV20™ Cordless Angle Grinder combines the power of pneumatic at 1.0 horsepower (hp) output with up to 8,000 RPM, and the mobility of a cord-free tool.

Featuring a shorter length, 30% less weight than its leading competitor, and inline battery alignment, the slim and well-balanced IQV20™ Cordless Angle Grinder makes it easy to work in enclosed spaces while reducing fatigue. Anti-kick-back and e-brake features provide safe, reliable

performance. As with the cordless IQV20™ Compact Impact Tools, the IQV20™ Cordless Angle Grinder works with the same 20V batteries. Available in a kit that includes one grinder, two guards, one side handle, two batteries, and one battery charger.

"These cordless tool options represent Ingersoll Rand's continuous investment in innovations that better support our customers' productivity, efficiency, and safety," adds Fitzgibbons. "Technicians have long trusted Ingersoll Rand for reliable performance in the most rugged environments and applications. We're adding versatility to that performance with cordless tools that provide the same level of power and control in mobile options

# Relax On Payroll Fridays

- 5 Minute Friday Payroll
- Internet Based • Encrypted
- Avoid Jail Time and Costly Fines
- Identifies All Davis Bacon Compliance Errors
- 80% Savings of Time and Money Compared to Manual Payroll Preparation



***e - Mars, Inc.***  
"Compliance at your Fingertips"  
58,000+ Construction Clients

**eMarsinc.com**  
**Ph: 480-595-0466**

that make easy work of challenging applications.”

For more information on these tools, visit **IRTools.com/w3111**, **IRTools.com/w3131-w3151**, and **IRTools.com/g5351** •

About Ingersoll Rand Inc.

Ingersoll Rand Inc. (NYSE: IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, custom-

ers, and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+

respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit [www.IRCO.com](http://www.IRCO.com).

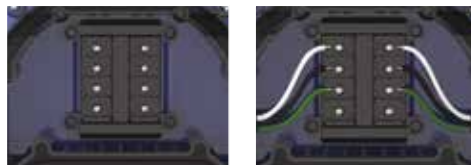


WHEN IT'S A CUSTOM JOB CHOOSE OUR

**PREFAB TEMPORARY AREA LIGHTING**



**CUSTOM WIRING OPTIONS TO MEET SPECIFIC JOB NEEDS!**



**FEATURES INCLUDE:**

- Tool-Free Easy Access Latches
- 50% & 100% Brightness Settings
- 2 Water Proof Strain Relief Connectors
- 1/2" Threaded Knockouts For Custom Fittings
- Custom Wiring Terminal Block
- Accepts 16 Gauge To 12 Gauge Cord
- Carry Handle And Folding Hook
- Input Voltage 120v-277v AC 50-60hz

**MODELS TO CHOOSE FROM:**

ITEM PN	WATT	LUMEN
08-00466	100W	13,500
08-00467	150W	20,000
08-00468	200W	28,000



**6,000 VOLT SURGE PROTECTION**

**50,000 HRS LED LIFE SPAN**

**5,000 KELVIN COLOR TEMPERATURE**

[WWW.VOLTECPOWERLIGHTING.COM](http://WWW.VOLTECPOWERLIGHTING.COM)







# SAFELY Lifts Up To 500 lbs!

- Ergonomic
- Portable
- Lightweight
- Meets OSHA & ASME Requirements

## Customized Safety Lifting Devices For Any Application

Available in both  
**CHAIN & CABLE**  
Configurations



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)

**SKY HOOK**

ATTCO, Inc. OSA  
by **SYCLONE ATTCO SERVICE**

## Ad Index

Company	Pg.	Website
Asher & Sons	17	www.alasher.com
Brown Bear Corp	IBC	www.brownbearcorp.com
Conduit Repair	3	www.conduitrepair.com
Cool Shirt	13	www.coolshirt.com
Critter Guard	10	www.critterguard.com
Emars	12, 21	www.emarsinc.com
Essex Steel	19	www.essexsteel.com
GoLight	5	www.golight.com
Krenz Vent	12	www.krenzvent.com
LANshack	24	www.lanshack.com
Maddox Transformer	1	www.maddoxtransformer.com
Milbank Mfg	14	www.milbankworks.com
Mobile Desk Solutions	IFC	www.mobiledesk.com
Resa Power	9	www.resapower.com
Rome Plow	15	www.romeplow.com
Sellick	2	www.sellickequipment.com
Sherman + Reilly	BC	www.sherman-reilly.com
Sky Hook	23	www.skyhookmfr.com
Voltec	22	www.voltecpowerlighting.com



*Specializing in Custom Pre-Terminated Fiber Optic & Copper Ethernet Assemblies Since 1997!*

**We Make IT Easy!**

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

 **1-888-568-1230**

 [sales@LANshack.com](mailto:sales@LANshack.com)

**Fast Lead Times**

-  **Any Fiber Type**
-  **Any Jacket Type**
-  **Any Strand Count**

**Your One-Stop-Shop for all your cabling and connectivity needs.**



**MADE IN USA**



**ISO 9001**



**We Also Stock Premium Quality**

- Fiber Optic Enclosures
- Fiber Optic Patch Cables
- MTP Cassettes
- Network Switches & SFPs
- Keystone Jacks & Modular Plugs
- Ethernet Patch Cables & Patch Panels
- Datacom Tools & Toolkits
- Network Racks & Cabinets
- ... and MORE!

# B BROWN BEAR



OFF HIGHWAY  
HIGH FLOTATION  
4X4 CARRIER

COMPOSTING  
ATTACHMENTS



BRUSH  
MULCHING  
ATTACHMENT

BACK-FILLING  
ATTACHMENTS



# WWW.BROWNBEARCORP.COM

641-322-4220  
sales@brownbearcorp.com

BROWN BEAR CORPORATION

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

# TRANSFORM YOUR PULL WITH THE ALL NEW ELECTRIC DUCT DAWG



Electrification of Sherman+Reilly equipment is transforming customer expectations, with an all-electric drivetrain built to exceed all-day use, no matter how tough the job gets. The On-board Rapid Recharge System by S+R™ provides superior performance and automatic battery management to ensure every job is completed without interruption or concern for battery capacity. Plus, receive real time industry leading support with S+R Telematics™ at no additional cost.

## INVENTING WHAT'S NEXT



SHERMAN-REILLY.COM