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May 2017

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**PRINOTH** Introduces the Evolution  
of the **PANTHER T16**



**Greenlee®** Introduces  
Next Generation Line  
of Tool Bags



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14,000 lbs

VS1500-S

15,000 lbs

VS1700

17,000 lbs

VS1800

18,000 lbs



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# Introducing

## Utility Products by Shaver MFG

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### *The Utility Pole Puller by Shaver MFG*



Introducing the all-new Utility Pole Puller by Shaver Manufacturing. This revolutionary pole removing device saves you time and money by drastically reducing labor hours in the field. All you do is simply wrap the heavy duty chain or wire rope around the pole and you're ready to extract. The Utility Pole Puller quickly attaches to any skid steer or can be used with a utility truck body. With the Utility Pole Puller there is no need to drill holes around the post prior to removal, saving you 30 minutes per pole.

The newest product to Shaver's line up is the Sign Post Puller. Designed to operate using truck bed hydraulics, the Sign Post Puller features a cylinder offering a 32" stroke. Operating at 1000 PSI it comes standard with 3/8" flat faced quick couplers and will also operate on Skid Steer or Tractor hydraulics. The Sign Post Puller comes standard with a square tubing puller. Priced to sell, it's the perfect addition to any road crew's truck.

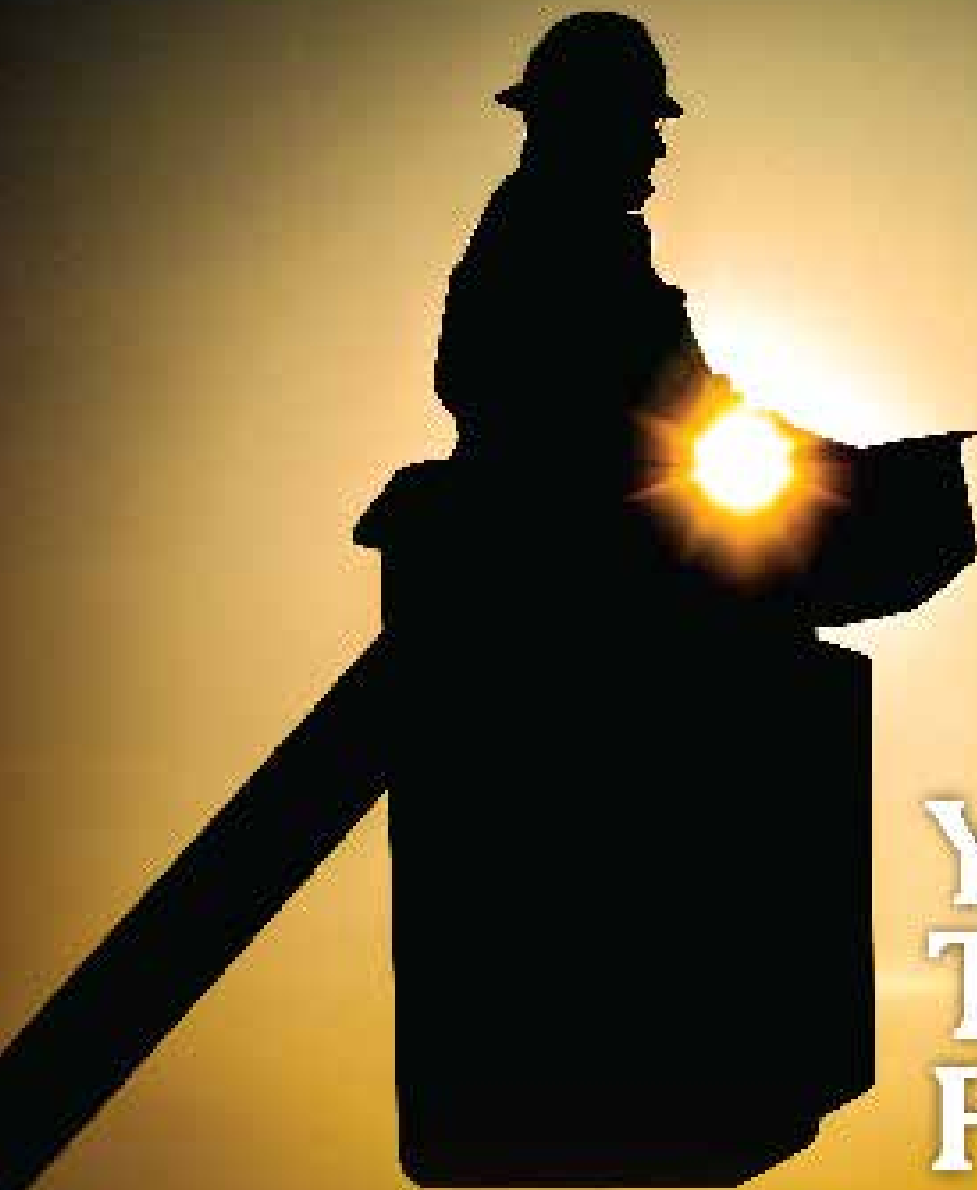
### *The Sign Post Puller by Shaver*



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For more information on Shaver's Utility Products or to find out where you can get yours please visit our website [www.shavermfg.com](http://www.shavermfg.com) or contact Andrew Tischer at 712-887-1125.

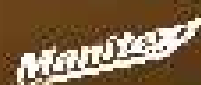
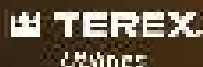
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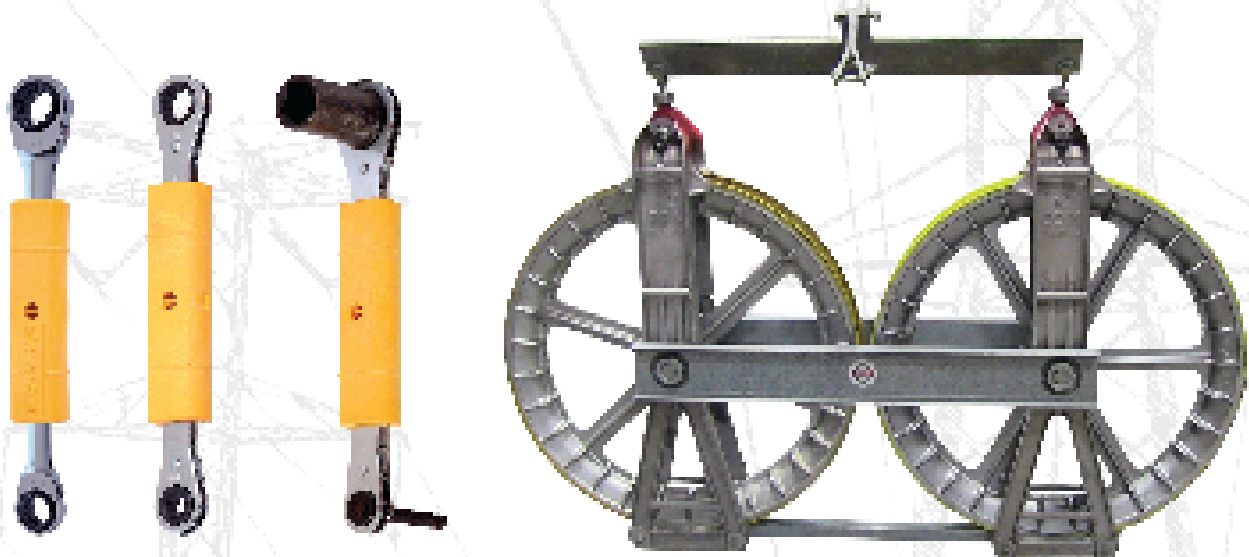
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To be considered for certification these dealers are exceeding exceptional performance goals and are fulfilling stringent customer total support requirements in the areas of Facilities, Business Processes and Personnel Training. The locations below have gone through the extensive process of certification and now join our current group of seven Hino Trucks’ Certified Ultimate dealerships.

- H.K. Truck Services, Inc                      Plainfield, New Jersey
- Bentley Truck Services, Inc.                New Castle, Delaware
- Lynch Truck Center                            Waterford, Wisconsin
- Matheny Motor Truck Co                      Mineral Wells, West Virginia
- Industrial Power Truck & Equipment\*      Ft. Worth, Texas

\*Second Certified Location

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Terex Utilities Appoints Clint Weber to Vice President and General Manager

Terex Utilities is pleased to announce the appointment of Clint Weber to Vice President and General Manager. In this role, Clint will have overall responsibility for leading the worldwide Terex Utilities business.

Clint joined Terex in 2006, and most recently held the position of Vice President/General Manager of the Aerial Work Platforms (AWP) business in Greater China. While there, Clint was instrumental in driving acceptance and market growth for Aerial Work Platforms while increasing production volumes and business performance. Prior to that he held a variety of leadership roles within the AWP business based in Redmond, WA.



“I’m excited to be a part of the Terex Utilities team and to help provide innovative and productive solutions that help our customers keep the lights on for millions of people across the nation,” Clint said.

“We are very pleased to welcome Clint to the Utilities team,” said Steve Filipov, President, Terex Cranes. “Terex Utilities is an important part of Terex and Clint will continue to lead the business focusing on listening, responding and delivering innovative solutions with speed to our customers.”

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**Arc Rated Clothing - Insulated Tools**

**Ultra-light 40 Cal/cm2 clothing is 37% lighter than convention clothing. Made from Westex knit ultra-soft inner layer and Dupont Protera outer layer provides for a durable, yet light-weight garment.**

**The vented hood shown has a sensor to detect an arc flash and interrupt power to the fan eliminating the toxic vapors from entering the worker’s breathing zone.**

**Also shown is a light attached to a velcro strip allowing the worker to increase visibility of the work area.**

**All clothing is custom made and delivery time is approximately 1 week.**

**All clothing is made by OTEX Protective in the USA. All tools are made by Cementex USA.**

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# CONSULT, CUSTOMIZE, REPEAT

## EZ STAK Delivers Mobile Workspace to ComEd Ahead of Hurricane Season

June 1st marks the beginning of hurricane season in the Atlantic Ocean, and even though it isn't official, many think a full Texas Hurricane season has its utility companies still have to be prepared for major outages. ComEd, the largest electric utility in Illinois, knows these storms well and knows it has organized, dependable response vehicles that are always ready to roll.

**The Problem** ▶ ComEd needed to be able to upfit a lot of long logistics support trailers with power, heating, air conditioning, and other mobile workspace equipment. And they needed it fast. A project like this typically takes a year to complete. This one had to be done in half the time to be ready for hurricane season. The trailers needed to be built tough enough to withstand delivery abuse.

**The Solution** ▶ From the beginning, EZ STAK kept in close contact with ComEd. The more they knew, the more precisely their ComEd would use the trailer. Once they had their answers, they created a custom 3D model of the trailer. ComEd loved the design, especially the tough lightweight aluminum cabinets. So EZ STAK got to work, bringing in the most experienced technicians to build out the custom upfit and to make sure the trailer would be done on time.

**The Result** ▶ 12,000 mobile workspace trailers were built in a week, early enough ComEd had plenty of time to have the trailers service and ready by June 1st. This is a really good example of what we can do," says Paul Lawrence, EZ STAK's National Fleet Manager. "It shows flexibility in deployment to the customers, it displays working in a tight time frame, it shows teamwork with a heavy user market. We have to get 14 staff strong enough to withstand what we would do that time.



The EZ STAK team became a second member of the customer's staff, working through a number of challenges to help them succeed.

Let's discuss how EZ It is to spec your next trailer upfit solution.  
Call Paul Lawrence at 830.944.330 or visit [ezstak.com](http://ezstak.com).



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



CASE STUDY:  
CONSULT, CUSTOMIZE, REPEAT

# PRINOTH Introduces the Evolution of the PANTHER T16



PRINOTH is proud to announce that the PANTHER T16 is evolving to become the most versatile vehicle in its class. The T16 is now available with new track and configuration options to suit varying customer needs. There is now a choice between metal embedded solid rubber tracks (MERT) or the traditional D-dent track system. The PANTHER T16 customers have been requesting the rubber track option in order to allow more versatility when crossing or traveling on roads- as well as being gentler on shop floors when up-fitting or maintaining the vehicles. PRINOTH is always keen on providing its customers with the right products to suit their needs and the demands of the job.

Moreover, the T16 is also now available with a dump box or flatbed options. This gives the PANTHER T16 the highest payload available on rubber tracks, boasting

33,500 lb of bulk load material payload while the Gross Vehicle Weight Rating is 75,000 lb. The dump box is able to receive up to 11.5 cubic yards of material. The dump box is lined with Hardox® steel, making it extra sturdy to get the job done. With a maximum speed of 13 km/h (8 mph), this PANTHER model is sure to increase productivity, regardless of the project.

A new undercarriage design yet the same outstanding traction

The T16 undercarriage was completely redesigned for the rubber track option to provide a sturdy undercarriage composed of five large wheels with both a tandem and a tridem suspension. PRINOTH's patented tridem allows uniform distribution of the load over the rubber track while offering the same legendary suspension travel

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typical to all PANTHER models. The undercarriage is optimized by the automatic, hydraulically controlled track tensioning system allowing to achieve the ideal track tension. This prolongs the track's life and allows for less maintenance and down time. The endless rubber track on the PANTHER T16 has the same unique zigzag-patterned design which increases off-road mobility, providing outstanding traction and side-hill grip. Furthermore, the vehicle, like all the PANTHER Series' models, is equipped with an auto-brake feature, providing optimal safety in all working environments.

## PANTHER Series' standardized features

All PRINOTH PANTHERs are powered by Caterpillar® engines. The reliability that the CAT engine provides, as well as CAT's exceptional service are only two of the many reasons PRINOTH chose them when the platform was engineered. Additional standard features include a ROPS/FOPS certified cab designed for operator safety and comfort, a steering wheel and pedal combination for easier and more controlled operation of the vehicle in rough terrain. The ergonomic steering column is telescopic and tiltable. An elevated engine position provides optimal fording depth of up to 1,300 mm (51 in.) allowing operators to travel through swamps, mud or any other types of difficult terrain.

## PANTHER Series

The PANTHER crawler carrier series is comprised of the T6, T8, T12, T14R, T16, and T22 models, and can access difficult worksites without damaging the terrain thanks to their low ground pressure design. While treading softly, they also carry the biggest payloads in the industry – from 5,443 kg (12,000 lb.) up to an incredible 20,865 kg (46,000 lb.) worth of equipment, materials and supplies. Their superior stability and floatability are valuable assets when operating in challenging work environments such as mining, construction, oil and gas and electric utility.

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# Shoo-pin™

## Flex-Cable Adapters

*PT-FX Series adapters are designed to terminate high-strand flex-cable (locomotive, mining, welding) to machinery, panels, and transformers. The pins fit mechanical set-screw type connectors and are sized for the current carrying capacity of the cable. These adapters feature the Greaves flared Shoo-in™ barrel-opening design for easy cable insertion. Insulating covers are provided.*

### Wherever flex-cable terminates in a set-screw lug:

- Telecommunications
- Construction Sites
- Drilling Platforms
- Theme Parks
- Locomotive
- Welding
- Marine
- Mining



# GREAVES

[www.greaves-usa.com](http://www.greaves-usa.com)

800-243-1130

# Greenlee® Introduces Next Generation Line of Tool Bags

Next Generation tool bags provide durable tool organization for the jobsite

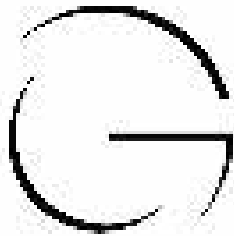


Greenlee Textron Inc., a Textron Inc. company, introduces a new line of Next Generation tool bags. The innovative Next Generation bags are engineered to reduce strain on the user and withstand wear and tear. In addition, the two back packs allow for customization with a personalized name patch.

“Greenlee is committed to producing ergonomic tools and products that reduce injury and increase productivity to support the professionals who use them daily,” said Dale Spегgen, product manager at Greenlee. “Our network of professional

contractors helped to test the Next Generation tool bags and provided valuable feedback. We are confident these durable, long-lasting and lightweight bags will help get the job done.”

Engineered to be rugged, the Next Generation tool bags can manage heavy loads and harsh work environments. Next Generation bags are constructed from a poly and nylon Ripstop fabric. This construction contains any tear that should ensue, maintaining the durability and utilization of the bag. Critical seams that receive stress from weight are reinforced with



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When the power goes out, we know we can rely on our linemen to show us their wits and march into the elements to get our electrical service back online. More often than not, that means battling wind, rain, snow and ice and being so in the dark. In those conditions, light that can be dynamically directed where it is needed, when it is needed is an essential tool for safety and productivity. In both emergency situations and day to day conditions, Golight has power to be a vital tool in extending work hours and increasing productivity. Golight has been a partner to the men and women who keep our lights on for almost 20 years and we are committed to seeing that relationship grow and develop.



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double and triple stitching to prevent separation. Next Generation bags are lined with a light green interior to increase visibility of bag contents. A durable, hard plastic bottom keeps dirt and water out and allows the bag to stand in an upright position for easy access.

The new Next Generation tool bag line features four unique designs to fulfill the exact needs of the professional. Additional features include:

Professional Tool Backpack (0158-26)

- Personalized embroidered name patch
- Designed for the work environment
- Separate compartment for safety glasses
- Nickel chromium zippers for added durability
- Padded lumbar support reduces back strain when carrying a loaded backpack
- S-strap shoulder strap designed for ergonomic form-fit to evenly distribute weight
- 30 double-stitched pockets for tool storage and organization

Professional Tool & Tech Backpack (0158-27)

- Personalized embroidered name patch
- Designed for the office and the work environment
- Features a laptop compartment
- Same ergonomic benefits as the tool backpack
- 27 double-stitched pockets for tool storage and organization
- Zippered compartment allows for tablet or laptop storage

20" Heavy-Duty Multi-Pocket Tool Bag (0158-21)

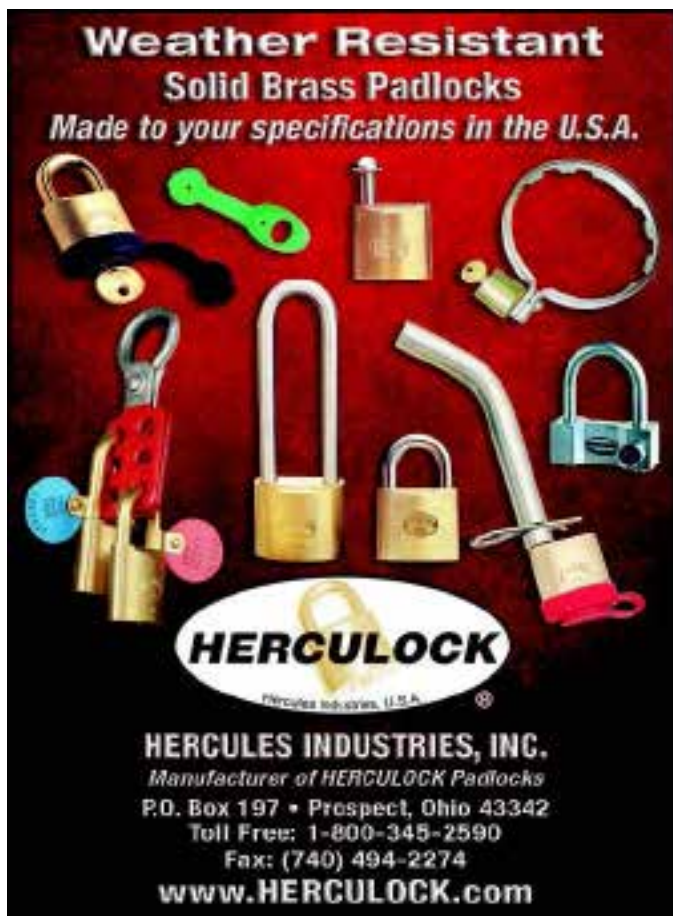
- Reinforced slip-proof padded shoulder straps with clips to hold the bag closed
- ABS waterproof plastic bottom keeps tools and bag protected from the elements
- 28 double-stitched pockets provide tool storage and organization

11" Electrician's Open Tool Carrier (0158-24)

- Open top and light green interior makes it easy to locate and access tools
- Reinforced, padded shoulder straps
- 27 double-stitched pockets provide tool storage and organization

Greenlee will launch four additional bags this spring.

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





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## HammerHead Releases Air Hammer Designed for Small Utility Drills



HammerHead Trenchless Equipment, a Charles Machine Works company, has introduced the new HammerHead Roughneck™ R200, the first two-inch rock hammer engineered specifically for horizontal directional drilling applications. The R200, the smallest pneumatic rock hammer of HammerHead's Roughneck line, is designed to expand the capabilities of small utility drills allowing 7000- to 10,000-ton class directional drills to effectively drill through solid rock as well as other difficult soil conditions.

The R200 rock hammer was made to be the most efficient system available to HDD contractors in communications, gas, electrical and water service installations. The R200 model drills a 3.125-inch pilot hole.

"The R200 allows you to use a small drill on jobs you couldn't before. If you needed to drill through solid rock, you'd have to bring a large drill to supply enough power which requires more labor, more support equipment, and more time to complete the job. With the R200, contractors can save money by maximizing the capabilities of a small drill," explained Josh Hood, HammerHead HDD product manager.

"When you're working in small spaces or drilling short distances such as under a road bed, it makes sense to use a small drill and now you can, regardless of soil conditions."

A key feature unique to the R200 rock hammer is the electronically-controlled air flow. With the touch of a button, the operator can adjust the air flow from open to closed and anywhere in between which allows them to manage the power of the hammer on the fly. This feature is critical in situations where soil conditions change abruptly. The ability to reduce or increase power quickly prevents costly interruptions during the bore.

The HammerHead R200 air hammer shares similar features with the other models of the HammerHead Roughneck line. The Roughneck R400, R500 and R600 are recognized as some of the most trusted and productive pneumatic rock hammers available for HDD applications. All four models are capable of drilling at rates of up to 150-feet per hour with exceptional steering performance. Additionally, all Roughneck rock hammers feature side-load high-flow housing, a patented pull back kit system and a lightweight

control station.

Serviceability is a key design feature in all HammerHead pneumatic hammers and the R200 is no exception. Patented spanner wrench holes in the front and rear of the hammer reduces the number of breakout jaws required when performing maintenance or changing out rock bits.

The HammerHead R200 rock hammer is offered as a complete system to get contractors up and running. The system includes a R200 Roughneck air hammer, offset and angled offset bits, patented pullback kit, control station/oiler with tethered electronic remote control, hydraulic breakout tooling, 2.5-inch universal high-flow housing, and a conversion kit specific to the drill.

The R200 rock hammer system is available from HammerHead Trenchless Equipment or from authorized dealers, worldwide.



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



# Applicability Wizard



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# Milwaukee® Dust Extraction: A Solution for Every Concrete Cut, Grind or Prep

Since first introducing the world's only universal self-powered dust extractor in 2013, the M12™ HAMMERVAC™ Universal Dust Extractor, Milwaukee Tool has been dedicated to introducing productivity-focused dust collection solutions. Now, Milwaukee Tool is excited to announce the largest expansion of its Dust Extraction System to-date, all completely compliant with the new Occupational Safety and Health Administration (OSHA) regulation on respirable crystalline silica dust.\* With the launch of an 8-Gallon Dust Extractor and accessories, the company's full lineup of rotary hammers and grinders are compliant through either Table 1 or Objective Data Requirements.\*\*

The heart of the system, an 8-Gallon Dust Extractor, features an automatic filter cleaning mechanism to allow for sustained airflow at 148 CFM in dust-producing applications. The Extractor's dual filtration system (complete with HEPA filter) captures 99.97% of all particles greater than 0.3 microns. For SDS Max hammers, there is a new dust extraction attachment for drilling holes up to 2-3/4" in diameter and a chisel boot for chipping applications. Also available will be new cutting dust shrouds that work with the Extractor to maximize dust collection during concrete cutting with grinders.

These new accessories will join Milwaukee's current lineup of HAMMERVAC™ dedicated and universal dust extractors – the most complete system of cordless, battery-powered dust extraction solutions in the industry.

Milwaukee Tool provides a full range of corded and cordless grinders for all concrete applications. The company also offers a complete lineup of rotary hammer solutions optimized to meet the full range of user needs in each distinct SDS Plus rotary hammer market segment, as well as the most demanding applications in the large SDS Max segment. Compatible with more than 125+ power tool products, these solutions will be supported in full by Milwaukee's Dust Extraction System.



## OSHA® REGULATION ON RESPIRABLE CRYSTALLINE SILICA DUST

According to the Occupational Safety and Health Administration, over two million construction workers a year are exposed to crystalline silica dust. Found in concrete, tile, rock, stone and brick, exposure to silica dust can be a leading cause of a fatal lung cancer known as silicosis.

Starting September 24, 2017, the OSHA® regulation on respirable crystalline silica (29 CFR 1926.1153) will be enforced for construction trades. This regulation sets the Permissible Exposure Limit (PEL) to 50 µg/m³ over an 8-hour period for all jobsites nationwide.

## COMPLIANCE METHODS

### TABLE 1

(Compliance through OSHA's Specified Control Methods)

#### Rotary

#### Drilling / Chipping

Drill or chip with a commercial dust collection system. Filtration must have a minimum 99% efficiency and a filter cleaning mechanism.

#### Cutting / Grinding

Use a shroud that is attached to a dust extractor with a suction rate of at least 350CFM per inch of wheel diameter. The dust extractor filter must have a minimum 99% efficiency and a filter cleaning mechanism.

### OBJECTIVE DATA

Data provided by the manufacturer that proves users are below the PEL (Permissible Exposure Limit) when using engineered control methods such as MILWAUKEE® HAMMERVAC™ units or dust shrouds.

## 8 GALLON DUST EXTRACTOR

- 1 Meets OSHA® compliance
- 2 148 CFM for powerful fine dust extraction
- 3 Automatic filter cleaning mechanism helps maintain consistent airflow
- 4 Power Tool Activation: Vacuum turns on when corded power tool is plugged in
- 5 Dual filtration system (Main Filter and HEPA filter) Main PTFE filter acts as first filtration method, air then flows through HEPA filter which captures the remaining small and hazardous dust particles
- 6 Adapters included are compatible with all MILWAUKEE® dust extraction attachments



Milwaukee® is committed to improving productivity by providing performance-driven and trade-focused solutions so users can perform an entire day's work. As the new OSHA® regulation continues to create the framework for a safer jobsite, Milwaukee Tool is dedicated to continuing to expand its Dust Extraction System, including the addition of new Vacuum Bits this Fall.

\* According to OSHA, over two million construction workers a year are exposed to crystalline silica dust. Found

# PERMISSIBLE EXPOSURE LIMIT (PEL)

Two million  
 (20 mg/m<sup>3</sup>) in materials  
 is a major cause

of fatal lung cancer  
 known as silicosis  
 and will affect

# METHODS

## SELF-MONITORING PROGRAM

- Employers may choose to collect dust with alternative methods. This can be time-consuming and costly.
- If this option is chosen, employers must:
  - Purchase and utilize air quality monitoring systems.
  - Acquire test data from air monitoring systems.
  - Provide medical assessments for employees exposed to silica dust.

# OR



# DUST EXTRACTION SOLUTIONS



\*This unit is compliant to the Exposure Control Methods as identified by 29 CFR 1910.1015, Regulation 1910.1015 (b)(2)(ii)(B) covering operation and maintenance of excavators in manufacturer's instructions. Visit [www.milwaukee.com](http://www.milwaukee.com) for compliance details.

\*\*As provided by the manufacturer that proves compliance with the PEL (Permissible Exposure Limit) when using engineered control methods such as Milwaukee® M12 FUEL™ DUSTEXTRACTOR™ tools or dust shields. OSHA® compliant alternative methods are available with manufacturer's instructions.

in materials like concrete, tile, rock, stone and brick, exposure to silica dust can be a major cause of a fatal lung cancer known as silicosis. The new OSHA regulation on respirable crystalline silica dust (29 CFR 1926.1153) will be enforced for construction trades starting on September 23, 2017. This regulation reduces the Permissible Exposure Limit (PEL) to 50 µg/m<sup>3</sup> over an 8-hour period and will affect jobsite nationwide.

panies prove they are under the PEL by following Table 1 standards, demonstrating objective data, or conducting their own self-monitoring programs, as laid out by OSHA. [See attached document for how each of our tools comply].

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

\*\* In order to be compliant with the new regulation\* com-



# Morooka USA Introduces New Mid-Size Rubber Track Carrier

Morooka USA has introduced a new mid-size rubber track carrier, the MST700VD, to the North American and South American markets. The new carrier sports a 93 hp Kubota V3800 Tier 4i engine for plenty of dependable power in tight spaces. It also provides a maximum payload of 9,460 pounds in a package that is less than 15 feet long, making it well suited to construction related markets.

Safety is a key component of Morooka design. A rotational reverse seat contributes to operator safety and improved visibility, especially when driving in reverse. The seat comes standard with the MST700VD, as does a canopy that is both ROPS and FOPS certified.

“This fills a gap in our rubber track carrier fleet,” said Curt Unger, Morooka USA’s vice-president of sales. “We have three models more compact than the MST700VD, and four larger ones. So our full line dealers are now better able to custom-fit the needs of their customers to the capabilities of the carrier they rent or buy.”

Rubber tracks offer both excellent traction and the low ground pressure necessary in sensitive terrain. In fact, the new MST700VD only exerts a ground pressure of about 3.6 psi (empty).

The new model will come direct from the factory with a dump bed. All Morooka rubber track carriers feature hydrostatic transmissions and come with a one year, 1,000-hour warranty.

[www.morookacarriers.com](http://www.morookacarriers.com) •

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# NEW Tail Tamer™ Temporary Conductor Clamp



Utility Solutions, Inc. introduces a new concept in wire-end management.

Utility Solutions, Inc. (USI) introduces a new concept in wire-end management with their latest product - the Tail Tamer™ Temporary Conductor Clamp. The double-sided clamp comes from an Ohio lineman who created a safer way of handling the loose ends of conductors during overhead distribution repairs, maintenance and construction.

"I never thought my idea would get this far", says Kevin, the Ohio lineman who invented the Tail Tamer™. "I knew I had a good idea on how to better control conductor tails and it's been great seeing the engineers improve it so much". Kevin and his wife visited USI in early 2016 with a prototype he created from spare parts. Engineers from USI then began improving his design until it launched in March of 2017.

Lineman working on overhead distribution lines must control the tail end (loose ends) of conductors at all times to comply with safety regulations. A common practice is to use tape and "hold back" the tail onto itself while stringing new spans. Once a conductor spans between two power poles, a lineman can then create other connections like transformers or switches. Securing each mechanical or crimp connection is crucial for durability and efficiency and can often require more than one lineman.

The Tail Tamer™ is the first of its kind. While most conductor clamps are installed permanently and require tools, the Tail Tamer™ operates like a temporary jumper head, and quickly installs by hand. The double-sided jaw allows two conductors to be clamped in parallel. This enables a single clamp to hold back loose ends and also create temporary connections, even in live line situations.

Another unique feature of the Tail Tamer™ is the ability to connect two units together via a weight-rated carabiner. Attaching two linked units on a slack conductor, with up to 200 lbs. of tension, will enable a lineman to safely control both ends after cutting the conductor.

Utility Solutions, Inc. is targeting utilities and contractors who service overhead distribution systems. The USTT-001 Tail Tamer™ Temporary Conductor Clamp is available now.

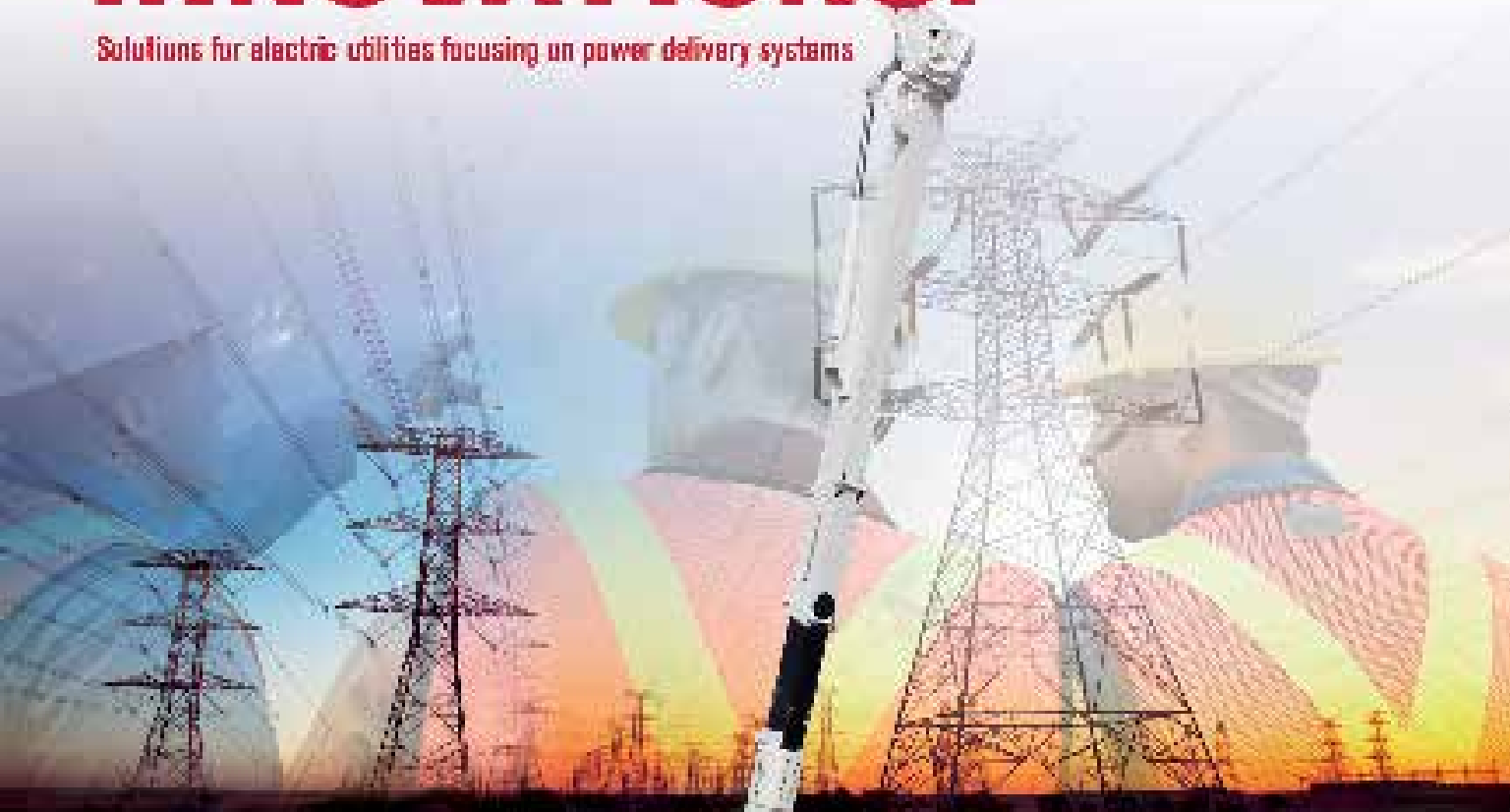
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## Eaton Announces New Medium-Voltage SC9000

Power management company Eaton today announced a new version of its medium-voltage SC9000 adjustable frequency drive (AFD) designed to help customers support energy efficiency, reduce ownership costs and enhance power system reliability. The new Eaton SC9000 general purpose (GP) drives are designed for a wide range of original equipment manufacturer (OEM), water and wastewater, utility, industrial and heating, ventilation and air conditioning (HVAC) applications.

“Eaton continues to invest in research and development to yield innovations that make it easier and more cost effective for customers to take advantage of adjustable frequency drive technology in their systems,” said Jerry Wang, product manager at Eaton. “The latest version of Eaton’s award-winning SC9000 drive combines innovative technology with a simplified design and construction, system flexibility and ease of use.”



Based on the enhanced design, the SC9000 GP can be maintenance free for up to 10 years. These drives have a low part count topology and is standard-equipped with a redundant cooling system to help improve reliability.

With Eaton’s SC9000 GP drive, customers can shift from low-voltage to medium-voltage drives for applications at lower power ranges.

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

## HD Electric Company Launches Customer-Focused Microsite- [www.HDEInnovations.com](http://www.HDEInnovations.com)

HD Electric Company, a Textron Inc. company, has launched a new customer-focused microsite at [www.HDEInnovations.com](http://www.HDEInnovations.com) that promotes new products and encourages product demonstration requests.



“The microsite will provide HDE with a faster, more flexible and more visual way to get new products introduced to the marketplace,” said Kimberly Bengson, Marketing Manager. “We have plans to grow the site over time as new products hit the marketplace.”

The microsite offers HDE customers insight into the new and innovative products that the company is launching and includes collateral information, the ability to request a product demonstration and the option to join HDE’s mailing list. Access to HDE product videos will also be available in the future. The microsite will link to HDE’s full website at [www.HDElectricCompany.com](http://www.HDElectricCompany.com) for additional information.

“We included a section on the microsite that displays the values of HDE - Accuracy, Reliability, Safety and Customization,” said Ryan Berg, Director of Product Management. “Our goal is to have these values continue to be a part of all the new innovative products we are developing in the future.”

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

## GORE® FR Apparel- Foul Weather Outerwear

W. L. Gore & Associates, Inc., the company that created the category of waterproof, windproof, and breathable outerwear and reset the industry watermark for comfort and protection with GORE-TEX® Fabric, is now doing the same for oil and gas industrial workers with the introduction of GORE® FR Apparel products featuring GORE-TEX® PYRAD® Fabric – the most comfortable flame-resistant (FR), foul-weather outerwear available on the market.

GORE® FR Apparel is a new line of FR foul weather outerwear products designed to meet the demanding needs of oil and gas workers. A jacket, bib, and detachable hood combination offers protection from incidental flame exposure and weather protection across a wide range of environmental conditions, while offering moisture management to improve comfort and safety. The durable, lightweight 2-layer ePTFE membrane construction also helps protect workers from exposure to hot liquids, steam common oilfield contaminants, and allows for easy care and cleaning.



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**Jeffrey S. Torgue, CHS | Deputy Senior Executive / CEO**

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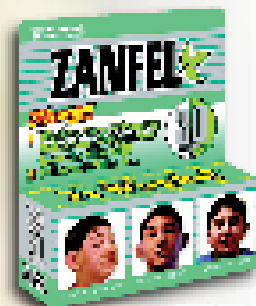
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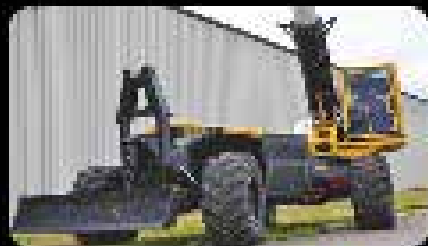
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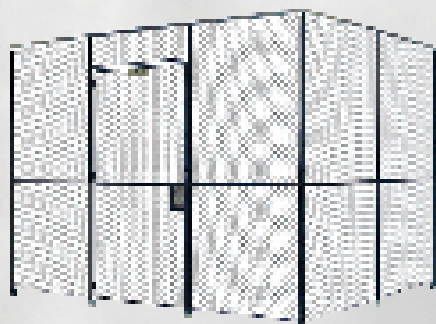
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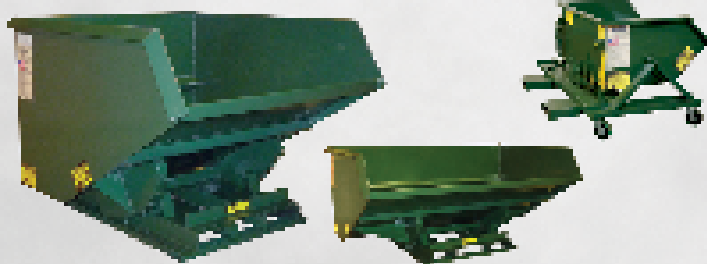
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