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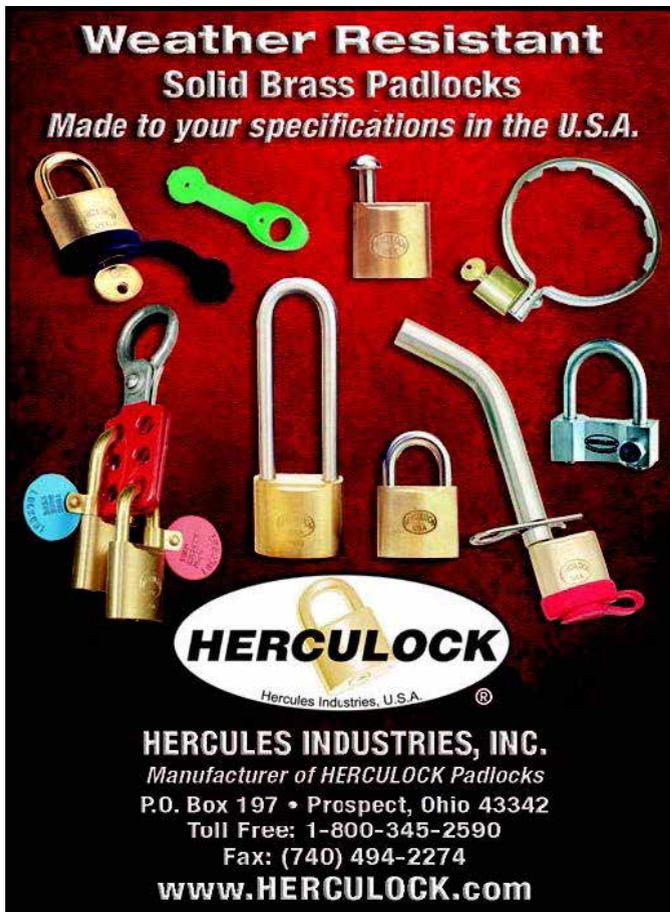
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# INTRODUCING THE ALL-NEW BARRETO 20RTK/23RTK STAND ON TRACK TRENCHER



The all new RTK Stand-on Track Trencher from Barreto features a fixed platform and unique fine tuning control adjustment that uses rod linkage instead of cables. The new Adjustable Trenching Control (ATC) can be placed into position to modify the trenching speed of the tracks individually while on the go. Individual track controls can be adjusted separately during operation allowing the operator to keep their trench straight when working on uneven terrain. Simple, one-handed controls are easy for any operator, and the boom boom pivot design keeps high maintenance components out of the dirt, reducing wear.

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**Terex Names John Garrison, Jr. Chief Executive Officer & President**

Terex Corporation today named John L. Garrison, Jr. Chief Executive Officer and President effective November 2, 2015. He will also become a member of the Terex Board of Directors effective November 2, 2015. Mr. Garrison will succeed outgoing CEO Ronald M. DeFeo, who will continue to serve as Executive Chairman of the Company through December 31, 2015. Mr. DeFeo will continue as a consultant for Terex after December 31, 2015 through December 31, 2016.

Mr. Garrison joins Terex from Textron, Inc. where he served as President and CEO of their Bell Helicopter Segment. Prior to that, Mr. Garrison was President of Textron's Industrial Segment and E-Z-GO. He was also President and CEO at Azurix Corporation and held senior leadership positions at Case Corporation, and served as an officer in the United States Army.

[www.terex.com/utilities](http://www.terex.com/utilities)



**The Work Truck Show 2016 in Indianapolis**

There are plenty of processes a fleet manager can measure, but properly leveraging the resulting data to improve productivity is not always easy. That's why several new sessions at The Work Truck Show® 2016 will demonstrate how to best utilize fleet performance and maintenance metrics.

The Work Truck Show, North America's largest work truck event, is produced annually by NTEA – The Association for the Work Truck Industry. The 2016 Show will be held March 1–4 at the Indiana Convention Center in Indianapolis, Indiana. Educational sessions and the Green Truck Summit begin March 1, and exhibits open March 2.

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



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*Loading construction equipment onto a transport truck is inherently hazardous, made even more so by the roll-back's steep load angle.*

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# Elk River

## *Personal Fall Protection*

In 1988, Elk River started manufacturing fall protection products with twelve products and a handful of employees in Cullman, Alabama producing safe, quality products. Today, there are more than sixty hard working Elk River employees, manufacturing more than two thousand line items which are shipped to cities around the globe.

Elk River believes in traditional values: our people take pride in the quality work they produce. We advise each Elk River employee to execute each job responsibility as if their own loved one were going to put the product to the ultimate test.

Falls are the leading cause of injury and death in the work related accidents. Persons working at height must be protected against falls. When a fall hazard exist, fall protection equipment is necessary to protect the worker by incorporating a personal fall arrest system, or PFAS. Each PFAS consist of at least four components: Full Body Harness, Energy Absorbing Device, Anchorage Connector, and Anchor. Many companies do not have full time safety managers; therefore, the safety responsibility falls on people with other jobs or positions. Many of these people do not have the experience or knowledge of what it takes to protect their employees from falls and may buy inferior equipment or inappropriate equipment.

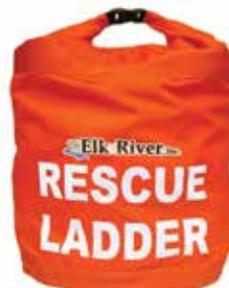
Elk River understands this and has created many safety kits to make their jobs easier. Elk River has kits available in

basic fall protection, roofer's kits, confined space kits, and aerial lift kits. All of the kits have everything you need to keep workers safe and keep the company compliant. Each kit is designed to have the right equipment; safety harness, anchorage, and connecting devices for each type of job. Each company also must have a rescue plan in place for employees who work at height. A person who has fallen and is suspended by the fall arrest system has been saved from the fall, but must be rescued quickly. Being suspended causes major trauma within the human body within about 10 minutes, therefore, calling

911 should not be the rescue plan of choice. Elk River has several rescue kits that can be deployed in the event of an emergency.

Elk River has a customer service department and sales reps that can help guide the individual to the right kit, or even help guide the safety manager to the correct products to meet the needs of special type projects.

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





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# Safety & Capacity

*Two Main Factors in Felling's Custom Solutions*



The Utilities Sector is a complex and ever changing industry. Several people have looked to Felling to fill the void of their customized transport needs. This was the case with the creation of the FT-20 IT-I trailer. The development of the specific options and configuration of this trailer evolved from a Dealer/manufacturer relationship. The Dealer asked the Felling sales person to meet with them and their customer to design the desired specifications to meet their needs. The end user customer's concerns were operator safety, capacity, tongue weight, equipment placement, rear overhang, etc. By meeting in a consultative approach, they were able to combine their unique perspectives, skills and diverse backgrounds to create an innovative solution.



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Custom Sizes

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The resulting design was the FT-20 IT-I custom trailer. The unusual tongue configuration allows turning clearance for rear steps or for a recessed mounted pintle on the rear of a utility truck. The jack's location gives the operator easy access to operate and is bolt on so it can be easily replaced in the event of damage. The deck length was increased to avoid rear over hang. Bolt on side steps and grab handles are provided for safe access in most any condition. Again, bolt on steps that can be replaced if damaged. The entire trailer can also be hot dipped galvanized to drastically extend the life and appearance. Other customers require more side steps, sometimes on both sides of the trailer and various other options. Connect with Felling today to learn how they can create your customized fleet solutions.

Felling Trailers is a family owned and operated Full Line Trailer Manufacturer located in Central Minnesota. Started in 1974 by Mr. Merle J. Felling, Felling Trailers, Inc. has grown from a small shop to a factory and office complex that today covers over 250,000 square feet. Felling Trailers currently manufactures over 4,000 trailers a year ranging from a 3,000 lb utility trailer to a 120,000 lb hydraulic gooseneck trailer, and its standard trailer line includes over 220 models. Felling's pride and differentiation is its customized trailer division. Its engineers utilize the latest industry leading design techniques, and its experienced metal craftsmen use cutting edge technology to turn its customers' conceptual trailer needs into a tangible product. Felling Trailers continually researches and implements new technologies to reduce lead-time and increase production in the manufacturing plant. Felling Trailers provides a high quality product that is distributed across North America and internationally.

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# GEHL R SERIES SKID LOADERS

## Three new models added to the innovative R Series Skid Loader lineup.

Gehl is proud to announce the all-new mid-frame R Series Radial-Lift Skid Loaders. These include three new models – a brand new addition to the line – the R150, with 1,500 lbs. (680 kg) capacity, the R135 (replacing the 4240E), and the R165 (replacing the 4640E Power2). These skid loaders feature an all-new operator station with an integrated digital display, new load arm design with increased visibility, Yanmar-powered Tier IV engines and several serviceability enhancements.

The R135, R150 and R165 radial-lift skid loaders fall into the mid-frame category, bringing unparalleled versatility to the jobsite. When equipped with optional counterweights, the rated operating capacities range from 1,500 lbs. (680 kg) on the R135 to 1,800 lbs. (816.5 kg) on the R165. Lift heights reach up to 119" (3023 mm) on the R150 and R165.

These mid-size skid loaders come equipped with emissions compliant Tier IV Yanmar engines that incorporate DPF (diesel particulate filter) technology. This engine technology is environmentally sound and does not require fuel after-treatments, such as urea. With maximum torque ratings from 107.8 ft.-lbs. (146 Nm) on the R135 and R150 to 178 ft.-lbs. (241 Nm) on the R165, these machines are equipped with the power needed to tackle demanding jobs.

The new R Series skid loaders feature standard proportional auxiliary hydraulics for maximum precision and infinitely adjustable flow control. Achieve flow rates from 17 gpm (64.4 L/min) on the R135 and R150 to 18.9 gpm (71.4 L/min) on the R165. Impressive breakout forces deliver optimal digging and lifting performance. Faster cycle times further enhance productivity on the jobsite. Pressure-relieving hydraulic couplers make attachment changes simple and safe.

The state-of-the-art operator's compartment on the new R Series skid loaders leaves little to be desired. A front-lifting restraint bar and armrests with multiple adjustments enhance operator comfort and safety. The mechanical or air-ride suspension seat options deliver outstanding comfort. Creature comforts - such as automatic dome light, cup holder, 12-volt outlet, storage tray and multiple air vents – come standard on these intuitive loaders. A cabforward design and lowered rear towers deliver unmatched visibility to the bucket edge and rear of the machine. The optional pressurized cab enclosure, with sound reduction material and a rear-mounted air filter, provides a cleaner, quieter, climate-controlled working environment.

Controllability and ease of use are part of the package on the new R Series skid loaders. Customize your skid loader with three control options; T-bar, hand/foot, and joystick (R165 only). Auxiliary hydraulic controls are located on the joystick in all configurations for easy access. A fully-customizable digital color display provides coolant, fuel, battery, environmental, engine regeneration information and other features in real time.

Excellent service access is achieved on the R Series models through the extra-wide rear door and engine hood. A swing out rear door and new swing out cooler provide unparalleled access to filter, fluid reservoirs and the engine bay area. The level II FOPS structure tilts back with the aid of gas springs, providing easy internal access to the pumps, hydraulic valve bank and drive motors. A safety restraint holds the ROPS/FOPS structure in the raised position. Release of the safety restraint is made easy with a new pull cord. Plus, all high-rotation pins have grease points for ease of maintenance and quiet operation.

These exciting new R Series skid loaders also include many other features such as the manual Quick-a-Tach™ or hydraulic Power-a-Tach™ attachment systems, HydraGlide™ ride control and the Hydraloc™ safety system. A variety of options and attachments allow the user to customize the machine to their needs.



# MUSTANG 2700V NXT2 & 3300V NXT2

## Meet the Next Generation of Mustang Vertical-Lift Skid Steer Loaders.

The all-new 2700V NXT2 and 3300V NXT2 vertical-lift skid steer loaders offer Tier IV-certified Yanmar 72 hp (53.7 kW) diesel engines, meeting emissions regulations through the utilization of proven engine technology. Answering the demands of equipment users, the new generation of vertical-lift skid steer loaders offers a selectable self-leveling option and upgraded cab.

The 2700V NXT2 and 3300V NXT2 vertical-lift skid steer loaders fall into the large-frame category. The rated operating capacity on the 2700V NXT2 is 2,700 pounds (1225 kg) and on the 3300V NXT2 is 3,300 pounds (1497 kg). For those operators and contractors who need large capacity and high loading heights, the 2700V NXT2 offers a little over 10'10" (3310 mm) of lift height and the 3300V NXT2 offers over 10'11" (3332 mm) of lift height.

These vertical-lift skid steer loaders come equipped with Tier IV-certified Yanmar engines that incorporate DPF (diesel particulate filter) technology. This engine technology is environmentally sound and does not require fuel after-treatments, such as urea. With a maximum torque rating of 217 ft.-lbs. (294 Nm), these machines efficiently transfer engine horsepower into effective performance.

The newest herd of vertical-lift skid steer loaders now offers a fully-customizable digital incab display that provides coolant, fuel, battery, environmental, engine regeneration and other system information in real time for an overview of complete system performance. An updated self-leveling option provides an on/off switch in the cab.

A large operator's compartment with a cab-forward design provides ample room for the operator and excellent visibility to the front, the cutting edge, and the sides of the loader. Lowered rear towers and a moveable rear support brace provide excellent visibility to the rear. A side-folding restraint bar and armrests with multiple adjustments enhance operator comfort and safety. The joystick and hand/foot control towers are fully adjustable for further customization of the cab. Mechanical or air-ride suspension seat options deliver outstanding comfort.

The optional pressurized sealed cab enclosure – with sound reduction material and a rearmounted air filter - provides a cleaner, quieter, and climate-controlled working environment.

The 2700V NXT2 and 3300V NXT2 vertical-lift skid steer loaders come equipped with highpowered auxiliary hydraulics. Standard hydraulic flow is rated at 23.5 gpm (86L/min) and high flow at 35 gpm (132 L/min) for excellent attachment performance. A new factory-installed 14-pin connector option allows easy attachment performance and operation.

Excellent service access is achieved through the extra-wide rear door and engine hood. Service access is made even easier with the addition of gas spring assist on the tiltable Level II ROPS structure. The tiltable ROPS structure exposes hydraulic components for quick service and maintenance.

The next generation of vertical-lift skid steer loaders from Mustang includes many other features such as the manual Quick-a-Tach™ or hydraulic Power-a-Tach™ attachment systems. HydraGlide™ ride control cushions the operator for a smoother ride. The Hydraloc™ safety system ensures the operator is safely seated with the restraint bar down before the machine will operate.

All this is built into a full sized, vertical-lift skid steer loader frame that allows these units to provide large rated operating capacities, high lift heights and impressive hydraulic performance.

# Larson Electronics New Explosion Proof LED Drop Light



Larson Electronics has announced the release of a new explosion proof LED drop light designed to provide cooler operation and higher performance than standard incandescent drop lights. This drop light is approved for Class 1 Division 1 & 2 locations, produces brighter and whiter output than a 100 watt incandescent light, and runs cool to the touch.

The EHL-LED-7W-100-CPP516 explosion proof LED drop light from Larson Electronics provides performance and durability incandescent drop lights can't match, and eliminates the danger of accidental burns and broken bulbs commonly encountered. This handheld LED droplight features robust aluminum and steel construction, a molded rubber bumper guard, a 10 watt LED lamp, 100 feet of SOOW cord, and a pin/sleeve explosion proof plug. This high performance LED work light produces far more lumens per watt than a 100 watt incandescent drop light and produces a bright white light with better contrasting and color quality. Unlike the yellowish illumination produced by incandescent bulbs, the output from this lamp is a very clean white light, giving it better detail rendering, contrasting, and color reproducing qualities which is very important when performing close work and detail oriented tasks. The LED lamp produces 1050 lumens and has a 50,000 hour life rating, 50 times the hour life of a typical incandescent bulb. This LED lamp won't shatter or break if dropped, and the LED design means that even after hours of operation, the lamp will only be slightly warm to the touch, virtually eliminating the chances of accidental burns. The rugged lamp housing features a tough aluminum lamp cage for added durability, and is lightweight for easy handling. An

integral aluminum hook provides easy hanging for hands free use, and 100' of heavy duty SOOW cord fitted with a pin and sleeve explosion proof plug provides ample length for use within the work area. The explosion proof pin/sleeve plug must be used with the appropriate pin/sleeve explosion proof receptacle in order to complete total explosion proof protection. The EHL-LED-7W-100-CPP516 explosion proof LED drop light is ideal for operators who must work within areas where flammable gases and vapors may be encountered. This unit is Class 1, Division 1 & 2 for Groups C, D, Class 2, Division 1 and 2 for Groups F, G approved, and is an excellent high performance lighting alternative to fragile and hot running incandescent drop lights.

"While incandescent hand lamps can generate enough heat to burn operators that bump into the light, this LED explosion proof hand lamp does not get above the ambient temperature of the area," said Rob Bresnahan with LarsonElectronics.com. "This hand lamp is terminated in a pin and sleeve explosion proof plug to ensure complete explosion proof connection within a hazardous area."

Larson Electronics specializes in portable industrial lighting equipment, high mast light towers, explosion proof light fixtures, power distribution systems, LED lighting and more. To view their wide range of products, visit them on the web at [Larsonelectronics.com](http://Larsonelectronics.com) or call 1-800-369-6671 for more information. Larson Electronics will be attending the 2016 OTC show in Houston, Texas from May 2<sup>nd</sup> to May 5<sup>th</sup>. Visit them at booth 6716 to inquire about their lighting solutions for many industrial applications.

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





# ISOLATED PROTECTION TO PREVENT GROUND LOOPS



The Lind Isolated Power Adapters provide a regulated, isolated DC output to power laptops, thin clients, monitors and other devices from a DC voltage source. Output and input DC returns are isolated, allowing the prevention of possible electrical noise caused by ground loops.

The Isolated Power Adapter's electronics are enclosed by an epoxy-sealed case to protect the internal circuits from damage caused by shock and/or vibration. Its durable construction withstands extensive wear and tear in any harsh mobile environment. Snap-in connections make replacing missing or damaged cables from anywhere in the field easy and hassle-free.

Lind's Isolated Power Adapters are built to work with most existing laptop brands and models. These adapters can also be designed for custom applications. Contact Lind to discuss solutions for your exact mobile power needs.



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## The Condux Tesmec ARS711 Hydraulic Puller



The ARS711 hydraulic puller from Condux Tesmec is ideal for a wide range of pulling applications including power transmission and distribution cable installation. The ARS711 features a 286 hp, Volvo Penta Tier 4 Diesel Engine, compliant with US EPA Tier 4 Final emissions legislation.

The unit also offers a hydraulic motor with dual displacement positions for two pull settings: high pull mode and high speed mode. In high pull mode, the unit offers a maximum pulling force of 40,000 lbs. at a pulling speed of 1.5 mph, and 20,000 lbs. of pull force at a maximum speed of 2.9 mph. In high speed mode, the ARS711 offers a maximum pulling force of 27,000 lbs. at a pulling speed of 2.0 mph, and 13,500 lbs. of pull force at a maximum speed of 4.0 mph.

The ARS711 is available as a modular unit, allowing greater flexibility for job site transport and set up, while providing the ability for end-user mounting on an existing chassis.

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

## The Opti-Brite TLL30FB

Optronics International, a leading manufacturer and supplier of heavy-duty LED vehicle lighting, broadened its line of miniature LED work lamps with the introduction of its new Opti-Brite TLL30FB today. At just 3.25 inches in diameter, the round lens of the new lamps is up to 35 percent smaller than comparable work lamps and, inch for inch, more powerful.

The TLL30FB's four LEDs produce a raw lumen output of 960, and its flood beam has an effective lumen yield of 670. The compact lamp is so small that it can be easily mounted on any vehicle with 4.5 inches of clearance and comes with a durable stainless steel mounting bracket. The lamp is designed to accommodate both 12- and 24-volt electrical systems.

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

## Sakai America's SA33L2-R Series Trench Rollers

Sakai America's SA33L2-R Series Trench Rollers are true workhorses. With industry-leading compaction performance, a turn radius that cuts in half the time spent on manholes, and a solid frame capable of surviving hurricanes, they are a proven solution for rental revenue opportunities. A wellbuilt, durable, in demand product that requires little maintenance – what more could you ask for from your fleet?



The SA33L-2 boasts an industry-leading 24.6 horsepower, and comes standard with an infrared remote control system for safe operation and ease of use. Also standard on the SA33L2 are the 33" drums which easily drop from 24" via an easily removed outer ring, eliminating the need for an expensive, extra set of drums. With centrifugal forces exceeding 19,000# this unit flat out gets it done

What is also impressive about the new roller is the heavy-duty yet simple layout of the engine compartment, making it very easy to maintain and service. Marine grade wiring, accessible sectional hydraulic hoses along with a metal engine compartment hood are features that have service and longevity in mind.

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

## The Atlas Copco Dynapac F800T Tracked Paver



Atlas Copco's new Dynapac F800T tracked paver joins the company's 10-foot highway class paver range. The new paver meets Tier 4 Final emission regulations and enhances productivity through operator comfort and optimal visibility.

The operator has high visibility of the paving surface with the paver's dual, swing-out operator platforms. The dual operator platforms swing out from each side to give the operator a clear view of the worksite. The platforms also eliminate operator fatigue from prolonged leaning that can occur when an operator strains in a stationary seat to get a clear view of the work surface.

Ergonomically designed control panels allow the operator to focus on paving and look out for nearby workers. All control and operational switches are grouped according to purpose and frequency of use, which allows the operator to quickly adjust paving settings without hampering production or risking safety.

[www.atlascopco.us](http://www.atlascopco.us)

## The Atlas Copco Dynapac F800T Tracked Paver



CLEANFIX® North America Ltd. announced the launch of its intelligent new hydraulic cooling fans used in a wide range of agricultural, forestry, construction, waste and recycling equipment to prevent problems associated with overheating and inefficiency of the engine. The key benefits to customers are more power on the PTO shaft and on the wheels, fuel savings, and noise reduction as engine speed can be reduced. Ben Haegele, CEO of CLEANFIX® North America Ltd.: "We invested a lot in research and development and are very pleased to add the hydraulic equivalents of our successful reversible fan series to our existing product offer." He added that the complete range of reversible fans (from 320mm to 1300mm) is now available as a hydraulic version.

CLEANFIX® now offers the standard reversing fan with hydraulic actuation (HSC-Series) in addition to the standard reversing function, the thermal-controlled variable blade pitch controlled fan (HVP-Series with wax elements) plus a fully electronically controlled CLEANFIX®-Hytronic fan (HT-Series).

[www.cleanfix.org](http://www.cleanfix.org)

## The New Creform Workstation

It's all about saving. Saving cost. Saving time. Saving steps. And most importantly, saving the potential for errors. That's what one manufacturer considered when they invested in a quality—both figuratively and literally—workstation from Creform.

The company uses the workstation for quality checks and the fulfillment of paperwork right at its stamping machines. Right near the point where a quality check makes the most sense and can have the greatest impact.

For this particular application, the workstation has a load capacity of 250 lb. and comes with a ½ in. thick black plastic work surface to hold all the necessary parts, gages and paperwork. An overhead 4 ft. light provides the illumination for all inspections. A unique feature of the workstation is a shelf within the structure that provides a place for a computer, while the accompanying monitor, whose platform is built off the same side as the computer, is in an elevated position for ease of review and good visibility. The keyboard can be placed on the work surface or on a pull out drawer below.

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

## The Tigercat D-Series 822



The new D-series 822 takes the carrier to the next level with a number of improvements aimed at service access, operator ergonomics and hydraulic efficiency.

The new 822D features the Tigercat FPT C87 tier 4f engine running at 245 kW (330 hp), a higher capacity cooling system and a new engine enclosure profile that improves all-important right hand side visibility.

At the push of a button, the powered engine enclosure fully opens with side platforms for easy access to critical components including hydraulic filters, the swing gearbox, cooling system components and both sides of the engine. The redesign also allows for a larger standard fuel tank, which increases capacity by 55 L (15 US gal) and includes ground level fueling.

A new cab structure with narrower front posts and larger side windows enhances visibility with improved sight lines and the skylight has been replaced by a camera system providing the operator with a much wider field of view. The 822D is now standard equipped with LED lighting for improved productivity in night shift operations.

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

## RAM® Hemi UNDERHOOD System Now Available

With VMAC's latest UNDERHOOD kits, dealers now have an opportunity to provide an UNDERHOOD air compressor for the latest model of RAM® trucks with Hemi® 6.4L and 5.7L engines. In the last year 49,015 new RAM trucks were sold in the United States for commercial purposes. RAM has a large and growing base of very loyal customers who have been asking for a VMAC UNDERHOOD system to be available on this engine. This system marks the continuation of VMAC's support of the RAM truck.



VMAC has two systems available. One rated up to 70CFM and the other rated up to 100CFM. These systems provide the same reliable, compact, power the UNDERHOOD is known for.

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



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