

December 2014

NEW CONSTRUCTION Products

Company Focus:
MB Crusher

NEW PRODUCTS
from Ditch Witch,
Stanley, Little Beaver,
Blastcrete, Atlas Copco





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Atlas Copco Completes New Soil Roller Line with Dynapac CA1300 and CA1500 Rollers

Atlas Copco has introduced its CA1300 and CA1500 single-drum soil rollers for high maneuverability and visibility on parking lot, road, utility pipe and street projects. The new CA1500 roller features Atlas Copco's exclusive Active Bouncing Control (ABC), a cross-mounted Tier 4 Interim or Tier 4 Final engine and steel blades that improve compaction, safety and visibility.



The engines on the CA1300 and CA1500 are cross-mounted, or placed perpendicular to the frames, which is an industry first. The rollers' hydraulic pumps are also in line with the engine. This allows users to reach all the necessary components on the engines and hydraulic pumps for fast and easy service and maintenance. And because the engines are cross-mounted rather than parallel to the frame, they provide optimal weight distribution and contribute to the units' minimal footprint.

The CA1300 features a Tier 4 Final, 75-horsepower Kubota diesel engine, and the CA1500 uses a Tier IV Interim, 100-horsepower Cummins diesel engine. Both have top-mounted, cool air intakes with side vents that combine with the ejector exhaust outlet to minimize engine noise and prevent dust from being

sucked into the engine compartment, which is a common occurrence on soil compaction sites.

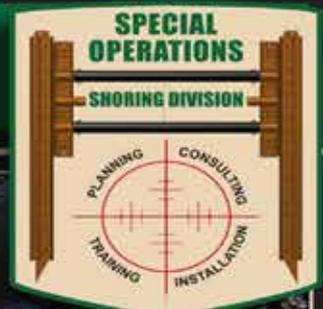
The rollers' high static linear loads make them ideal for compacting a range of materials, from clay to rock fill. The CA1300 features a static linear load of 73 pounds per linear inch (PLI), and the CA1500 has 112 PLI. The compaction power is transferred through the rollers' drums to efficiently compact soil with minimal passes.

The CA1300's 54-inch drum and the CA1500's 66-inch drum give operators optimal visibility and allow them to maneuver into tight workspaces, such as pipe trenches or road shoulders. "With high visibility, operators can monitor the drums and keep an eye out for nearby work-



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ers,” said Vijayakumar Palanisamy, Atlas Copco Dynapac product marketing manager. “This means operators don’t need to sacrifice productivity or safety when working on cramped worksites.”

Atlas Copco’s ABC system, an optional feature for the CA1500 through CA6500 models, prevents operators from over-compacting the soil, which can damage the rollers. Once soil reaches its maximum density, further vibrations from the roller begin to travel back into the machines. This double jumping can crack drums and cause premature fatigue damage to the rollers’ frame, hitch and other structural components, which are expensive and time consuming to replace. The optional ABC system helps protect the frame and drum by detecting double jumping as soon as it begins to occur and shutting off the roller’s vibration.

“We created our exclusive ABC system specifically to help contractors get the most life from their compactors by minimizing a main cause for roller repairs,” Palanisamy said. “Without double jumping, the equipment stays in the field longer; compaction is more efficient; and the ROIs are greater.”

The service alert systems and easy-access engines allow contractors to service and maintain the rollers on the worksite without taking them to a shop. The service interval alert in the instrumentation display indicates when and what type of maintenance is required.

Optional strike-off blades help the rollers’ consistency by removing oversized rocks and obstacles in front of the thick drum shells. The blades have an innovative, divided profile that efficiently pushes out rocks, which can break up compacted soils. All Atlas Copco pad foot rollers are fitted with heavy-duty drum scrapers to keep the drums clear of clay and mud to ensure consistent compaction.

For environmentally sensitive worksites, the rollers feature Atlas Copco’s ECO Mode, an rpm-management system. The system reduces fuel consumption as much as 20 percent by delivering to the rollers only the amount of power that is necessary to

operate at any given time. It is standard on the CA1300 and is also included with the Antispin/ECO Traction Systems for the CA1500 through CA6500 models.

Atlas Copco’s speed limiter makes it easy for the operator to reach consistent speeds in the CA1500 through CA6500 models. With a speed limiter setting, the operator sets the desired speed in the controls and pushes the joystick completely forward to quickly and accurately achieve the same compaction speed every time. •



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Ditch Witch Offers Equipment Financing and Leasing Options for Underground Construction Professionals

The Ditch Witch organization is providing a wide range of financing and leasing options to underground construction operators seeking to acquire labor-saving underground equipment. The options are made available through Ditch Witch Financial Services, a full-service provider that aims to make the acquisition of Ditch Witch equipment easier.

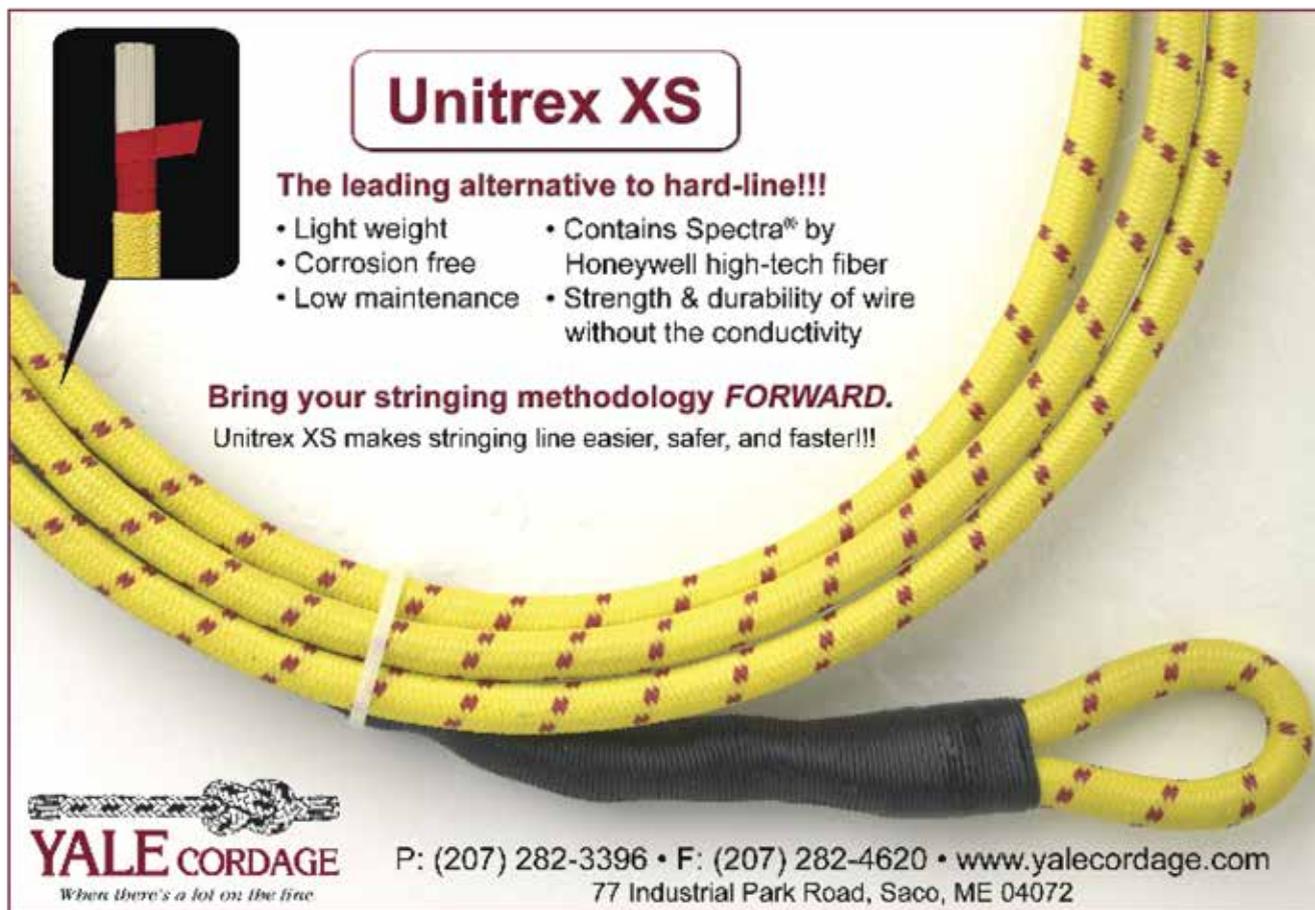
Ditch Witch Financial Services currently offers 2.9 percent financing for 48 months on the Ditch Witch vacuum-excavation and directional-drill equipment lines, excluding the JT100 All Terrain, and low monthly payments on the same equipment through a high-residual lease program. Underground construction professionals can also receive no payments or interest for 120 days, or six months at 0 percent level payments, using a special Underground Advantage® credit card program.

“Our goal is to make work easier for our customers in the field – and they recognize us for that,” said Ed MacGregor,

Director of Dealer and Customer Finance, the Ditch Witch organization. “We build on that reputation by making the equipment-acquisition process easier. Ditch Witch is a world leader in underground construction, and our finance professionals use that experience to help identify the right financial program for each customer.”

Ditch Witch Financial Services financing options include conventional monthly payment plans, skip-payment plans, accelerated-payment programs, rent-to-own plans and automatic payment plans. Leasing options include capital or operating leases, and fixed-dollar and fair-market-value purchase options, which are customized to the individual customer.

Construction professionals can contact Ditch Witch Financial Services for more information on financing options at 1-800-654-6481 or www.ditchwitch.com/financing.



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STANLEY Introduces Point and Click Measuring With New Bluetooth Laser Distance Measurer

STANLEY® introduces the new lightweight and compact TLM99s Laser Distance Measurer – model STHT77343 – with Bluetooth® connectivity that syncs the TLM99s to smart phones and tablets via the STANLEY® Floor Plan App.

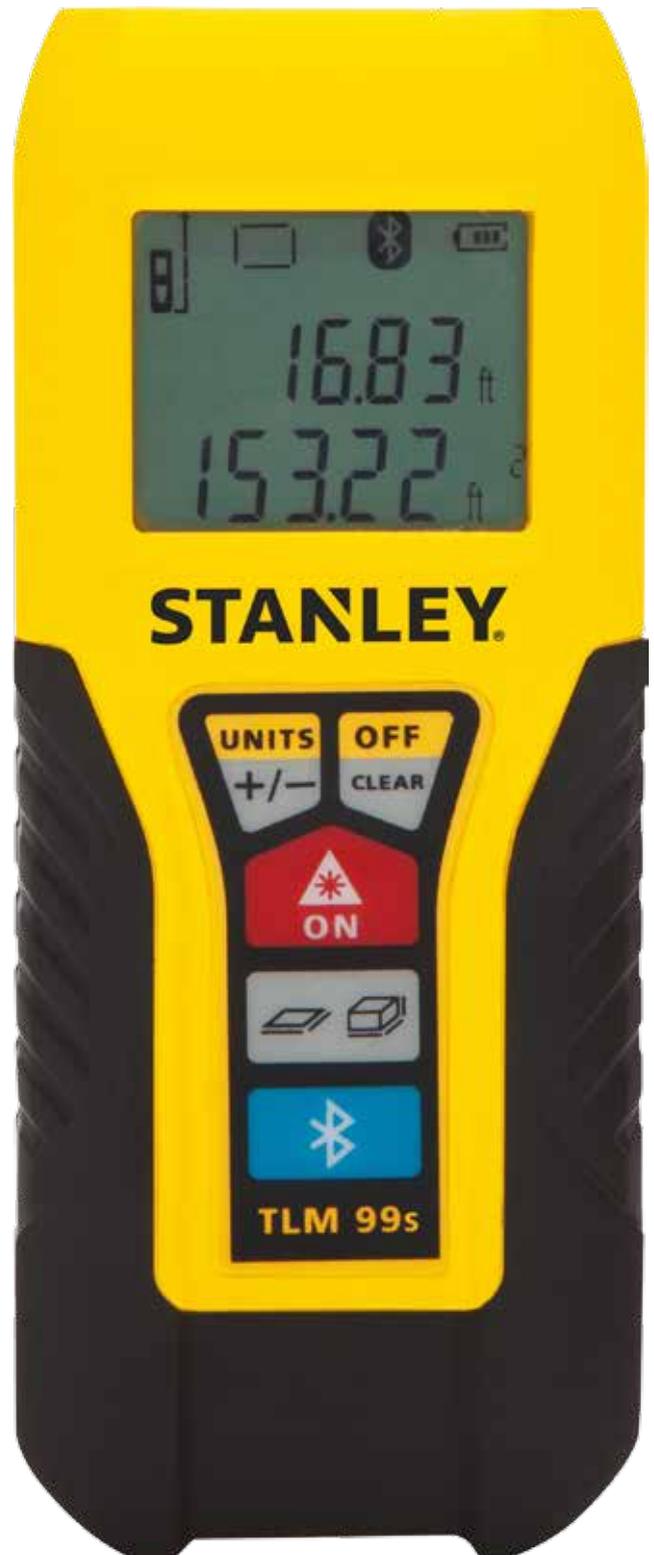
Global product manager Spencer Maheu said “The TLM99s Laser Distance Measurer was designed by our team of world-class engineers and industrial designers to be a versatile electronic tool that delivers connectivity, accuracy, convenience and reliability in a simple design.”

With its automatic calculations, the Laser Distance Measurer makes job estimates quick and easy, instantly calculating square footage, volume, and distance. The multi-functional TLM99s Laser Distance Measurer is small enough to fit in a pocket and is a great tool for builders, remodelers, real estate agents, contractors, landscapers, painters, and do-it-yourselfers.

With a range of 100' (30m), the TLM99s Laser Distance Measurer is accurate to within $\pm 3/32$ " (2mm) and allows one user to take long measurements without assistance. The simple design allows for measuring distance, calculating square-footage, and even cubic-footage. The continuous measurement function allows users to find their target distance quickly and easily.

TLM99s features an addition and subtraction function for convenient calculations in the field and can be set to work in English or metric, or fractional or decimal modes. The handheld, battery-powered device features state-of-the-art electronics and an easy to read LCD screen that simplifies the process of taking long measurements or performing calculations.

The TLM99s can be used alone or with the new STANLEY® Floor Plan App. Available for iOS and Android devices, STANLEY® Floor Plan allows users to quickly and accurately create floor plans. Using augmented reality, STANLEY® Floor Plan users can stand in the center of a room while viewing it through their phone or tablet. The floor plan is automatically generated by tapping on the screen to designate placement of room corners and doors. The STANLEY® Floor Plan App's intuitive software estimates measurements from point to point creating a drawing of the room with dimensions. Indi-



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vidual room plans can easily be linked together to create a complete floor plan.

To ensure accurate room measurements, the TLM99s Bluetooth® connectivity allows users to select any dimension on the floor plan and automatically sync with the distance captured on the TLM99s. No manual entry of dimensions is necessary – in your floor plan select the dimension you want to verify, point and click the TLM99s, and move on to the next dimension. The end result is a floor plan with dimensions accurate to within the accuracy of the LDM – 3/32" (2mm).

The STANLEY® Floor Plan App automatically displays each room's dimensions and square footage calculations providing quick reference for paint, flooring or other building materials estimates. The STANLEY® Floor Plan App also allows you to add objects such as furniture, appliances, windows, doors, and more making it an excellent space-planning tool.

Floor plans can be saved and organized in project folders for future reference, or shared with other STANLEY® Floor Plan users for free. Floor plans can also be purchased to be exported as pdf, jpeg, excel, or dxf files to be printed, shared via email, social media, or sent directly to retailers.

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Simply put the MB Crusher Bucket lets your demolition or site prep double as production of base or filler material. Pick up a bucket full of rocks with your excavator, and dump it out as gravel. Pick up gravel, and dump it as sand. Pick up reinforced concrete, and dump out recycle-ready aggregate and rebar. Not only is this convenient, but it helps eliminate costs for purchasing and transporting material for site prep, as well as making post-demolition cleanup easier and more efficient and reducing land-fill waste. It's also ideal for more confined sites where a full-size portable crusher unit isn't feasible.

They accomplish this by incorporating powerful, compact crusher jaws right into a strong but lightweight bucket. The bucket gives the operator an amazing degree of control over how coarse or fine the end product will be. No more time wasted scooping and dumping unusable material into trucks and transporting them off-site to be processed. It can be processed right on site and then put to use.

In one of the most amazing examples of the product in action, a promotional video by the company shows the attachment inverted, "chewing" its way down a 30+ foot reinforced concrete pillar, spitting concrete rubble and in-tact rebar out the other end at what appeared to be a rate of between .5 foot and 1.5 foot per second. (See the video for yourself on YouTube, here: <http://bit.ly/1twonUv>).

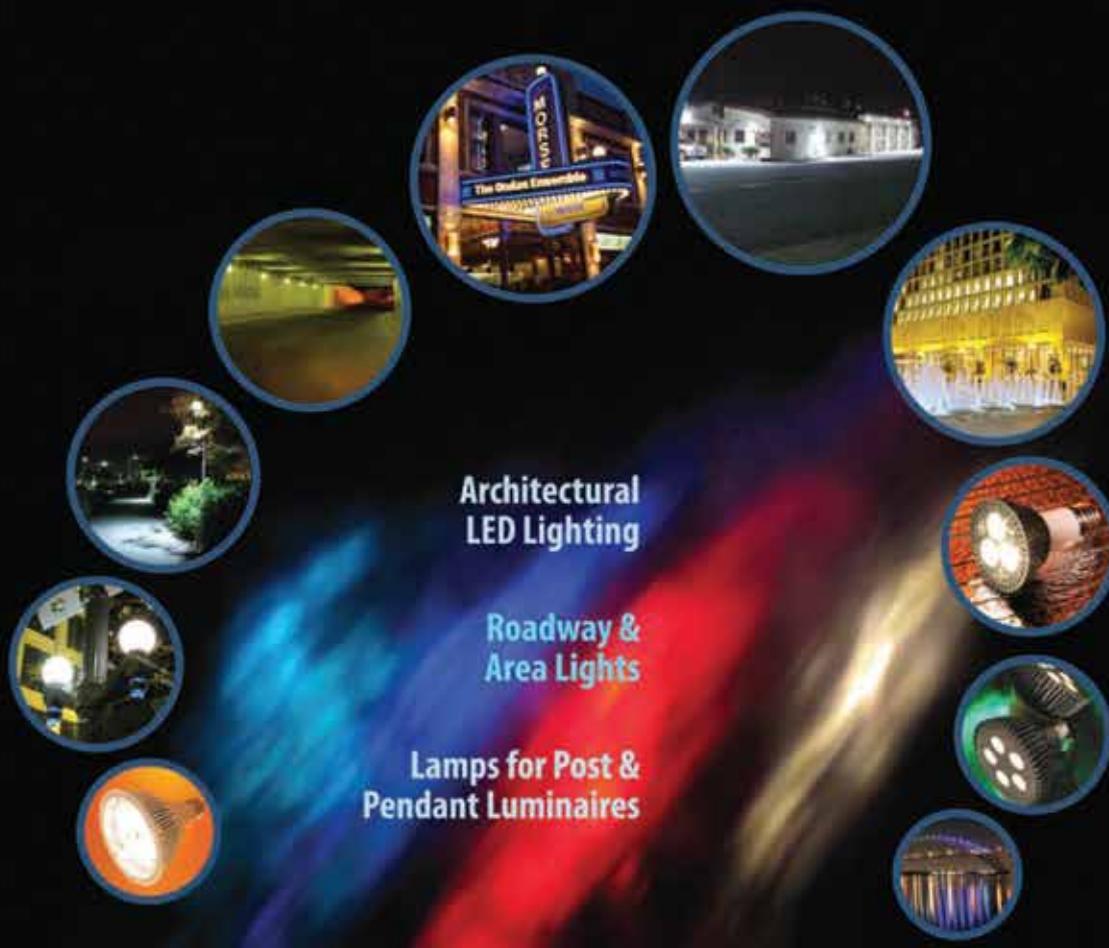
Strength, power and technological innovation are just some of the aspects MB products embody and spread throughout the world. After innovating the single-toggle jaw crushing attachment 13 years ago, MB S.p.A has poured countless resources into continually developing, improving and testing its crusher buckets, as well as soliciting continuous feedback from the real-world use by customers. And it shows.

The company produces a range of excavator attachments that turn any heavy excavator, mini-excavator or skid loader into a jack-

of-all-trades, capable of crushing, screening and sorting rocks and rubble. MB holds numerous patents, including those for the world's largest and smallest crusher bucket.

They've worked with some of the biggest names in the industry, including Thompson CAT, Komatsu EQ, AMI Attachments and Kinross & Barrick Gold to develop the best crusher bucket the world has to offer, and today they are still trying to outdo themselves.

MB has bold goals for the next five years. They aim on opening regional offices across the U.S., giving them more reach into the market and giving customers better access to support and expertise. They also are looking at launching their own production facility to help cut costs and improve efficiency in bringing newer, better crushers to market. •



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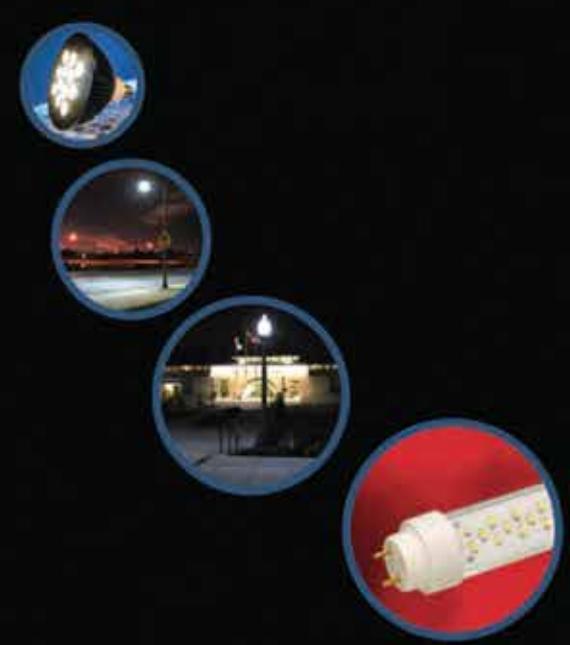
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Ditch Witch RT45 Trencher

Features Powerful Tier 4 Engine

The Ditch Witch organization announces numerous upgrades to its RT45 ride-on trencher, the rental industry's number one choice in its horsepower class for the last 50 years.

Among its new features, the RT45 offers a Tier 4, 49-hp (36.5-kW) Deutz® diesel engine designed for minimal maintenance and maximum operator productivity. The new engine offers a significant increase in power over the previous RT45 engine, resulting in greater overall productivity.

The RT45 has ample power to perform all functions. A wide range of attachments is available: trencher, backhoe, earth saw, vibratory plow, microtrencher, and combination trencher/plow. A direct-coupled, high-torque digging chain motor helps the trencher attachment perform with exceptional efficiency.

Versatility and ease of use are major reasons why the RT45 is so popular among rental companies around the world. The trencher offers color-coded controls that even novice users can quickly master, and a roomy, ergonomic

operator's station that helps keep the operator comfortable during long days on the jobsite. At the foot of the operator is an easy-to-use pedal that controls the infinitely variable ground drive forward and reverse.

As with all Ditch Witch equipment, safety was the number-one priority when building the RT45. The trencher is equipped with an advanced operator presence system that stops the engine when the operator leaves the seat. For better safety and comfort, the RT45's exhaust system is mounted under a composite hood with a horizontal exhaust pipe that diverts noise and hot air from the operator.

Servicing the RT45 is simplified by smart design, with all engine service points easily accessible from one side. To help improve engine performance and reduce maintenance, the trencher comes standard with an advanced air-filtration system that is easy to maintain.

For more information about the Ditch Witch RT45 ride-on trencher, please call 800-654-6481 or visit www.ditchwitch.com. •

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Ditch Witch SK850

The Ditch Witch organization announces the release of the SK850, designed and engineered to be the most comfortable, most productive and most durable mini skid steer in its class.

Equipped with a 37-hp (27.6-kW), Tier 4 Yanmar® diesel engine, the SK850 is the most powerful of the company's mini skid steers. The engine provides outstanding power for all machine functions and directs more power to the attachment than competitors' models, so attachments are more productive. The SK850 accepts dozens of attachments for a wide range of utility, landscaping, plumbing, and other underground construction tasks.

The Ditch Witch organization firmly believes that a more comfortable operator is a more productive operator, and the SK850 embodies this philosophy. Its 74-square-inch (188-cm²) platform is larger and higher than the competition's, giving the operator increased comfort and stability while keeping him above the worksite. The ergonomic operator's station has been updated with new, customer-requested features, for optimized comfort and efficiency. Dual-lever ground drive controls come standard, with an optional single-lever joystick available. An auxiliary control foot pedal helps operators maintain hydraulic flow to the attachment while freeing their hands to control depth and ground speed.

The SK850's innovative high-drive track system has

bolt-on sprockets that can be interchanged—an exclusive Ditch Witch feature—to provide longer-lasting performance. The track system also has a low-maintenance track-tensioning system with a grease cylinder for easy adjustment and track removal, which helps increase track life and reduce downtime. The SK850 comes with the customer's choice of 42-inch (107-cm) or 36-inch (91-cm) wide tracks.

With its 860-lb (390-kg) rated operating capacity and 83-inch (2.1-m) hinge-pin height, the SK850 is engineered for exceptionally productive loading. Unlike its competitors, the SK850 is construction-grade, built with reinforced steel that can withstand the rigors of the jobsite. And its belt-free design helps minimize maintenance and increase uptime.

Another standard feature that improves both operational efficiency and operator safety is the auto-throttle function. When enabled, the auto-throttle automatically reduces engine RPMs when hydraulic functions are not in use. The engine returns to the operator-set engine RPM when any hydraulic function is engaged, improving overall fuel efficiency.

For more information about the Ditch Witch SK850 mini skid steer, please call 800-654-6481 or visit www.ditchwitch.com. •

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Little Beaver Auger Blades and Points Cut Through Maintenance Costs and Time



Matching the ideal point and blade to the specific soil type minimizes premature wear, maintenance costs and labor. Unlike many manufacturers that make one auger blade, Little Beaver manufactures a variety of augers, points, and blades designed to optimize their ability to cut through specific soil profiles.

Little Beaver's replaceable blades and points mount on the company's regular and heavy-duty snap-on augers with ease. They protect the augers from wear while drilling in soils that range from loamy soil to compacted rock.

"We want to keep our customers drilling," said Little Beaver Sales and Marketing Manager Mike Hale. "We designed our blades and points for simple replacement on our signature snap-on augers so operators can focus on digging and quickly change out parts when they become dull or worn."

The standard blades and points come with every Little Beaver snap-on auger. They fasten to the auger with two steel bolts, and operators can remove the bolts with a common adjustable wrench. The standard blades and points are ideally suited for loamy soils or areas with few rocks. They are made with cold-rolled steel and hard surfacing to their edges. With these blades and points, the augers can drill more than 100 holes in prime soil conditions before servicing is needed.

Smaller-diameter augers – 1-1/2-inch, 2-inch and 3-inch – use standard points that simply screw or pin on.

For dense soils, Little Beaver's exclusive carbide blades fasten to the bottom of the snap-on augers, similar to the standard auger points, and cut hard clay and frozen ground into smaller pieces. "Some operators may keep both the standard and carbide blades on hand if they will be moving to multiple sites with the earth drills," Hale said. "Having both sets allow them to dig holes in a wide

range of soil conditions and helps prolong the work life of the blades and augers."

For the most challenging soil formations, Little Beaver's line of heavy-duty snap-on augers use specially designed, heavy-duty steel and carbide blades and tips for abrasive soils and compacted rock. They lock into the larger-diameter augers with rubber locks to form a tight wedge fit, so they cut through difficult soil formations without coming loose from the auger.

About Little Beaver Inc.

Little Beaver has been proudly manufacturing quality, safe and productive drilling equipment for three generations. With a full line of easy-to-operate equipment, along with a complete offering of accessories, including augers, extensions, points and blades, Little Beaver effectively serves the needs of end-users from professional contractors to rental centers. For more information: Little Beaver, 2009 South Houston, Livingston, TX 77351; 800-227-7515; fax 936-327-4025; sales@littlebeaver.com; www.littlebeaver.com.





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Blastcrete Equipment Company's D3522 Attachment is an Economical Alternative for Hot Epoxy Grouting



The D3522 Attachment from Blastcrete Equipment Company is the only hot epoxy pump on the market that can be powered by an existing hydraulic power source. It is lighter, more versatile and much more affordable than hot epoxy pumps and mixer/pump combinations with built-in power supplies, especially since skid steers and other equipment with auxiliary hydraulic hookups can power the unit.

The D3522 Attachment features a hydraulic squeeze (peristaltic) pump that is built for long life and low total cost of ownership. The pump has two rollers that rotate clockwise and squeeze a 2-inch rubber pumping tube. The rotation generates suction from the receiving hopper and pushes the material through the pump and out the discharge into the delivery hose. The epoxy materials do not come in contact with the

moving parts of the squeeze pump, unlike a rotor stator or piston-style pump. The D3522 Attachment's primary wear part, a 2-inch rubber pumping tube, can be replaced in 20 minutes or less.

The D3522 Attachment can pump hot epoxy or cementitious grouts at variable speeds from 0 to 6 cubic yards per hour and deliver up to 400 psi of pumping pressure. Those capabilities, coupled with the unit's light weight, make it easy to transport and highly versatile. Contractors can use the pump for a wide variety of applications, such as grouting to mount and secure heavy industrial equipment and pumping fiberglass jackets for pier rehabilitation and stabilization. The D3522 Attachment also can be used for spraying plaster and small wet-shotcrete applications.

The unit boasts a variety of safety features to protect the operator. For example, if the pump becomes plugged, the operator can easily reverse the pump for 5 seconds to relieve pressure on the delivery hose.

Blastcrete designed the D3522 Attachment for easy operation. The unit has a large, well-marked control panel with simple control levers to operate the pumping function. The control panel is near the hydraulic hookups for easy access.

The D3522 Attachment also is easy to clean and maintain. After the unit has been emptied of excess material, contractors can rinse the hopper with water and insert a round sponge ball into the suction hole of the pump. The hopper is then flooded with water or other

solution for cleaning epoxies. The ball is simply pumped through the pump and delivery hose to ensure it is clean and clear.

About Blastcrete Equipment Company

Blastcrete has been manufacturing safe, reliable and user-friendly solutions for the refractory and shotcrete industries for more than 60 years. With a complete product line consisting of concrete mixers, pumps and related products, the company serves the commercial and residential construction, ICF and SCIP building systems, refractory and underground markets. More information: Blastcrete Equipment Company, 2000 Cobb Ave, Anniston, AL 36202; 800-235-4867; fax 256-236-9824; info@blastcrete.com; www.blastcrete.com.

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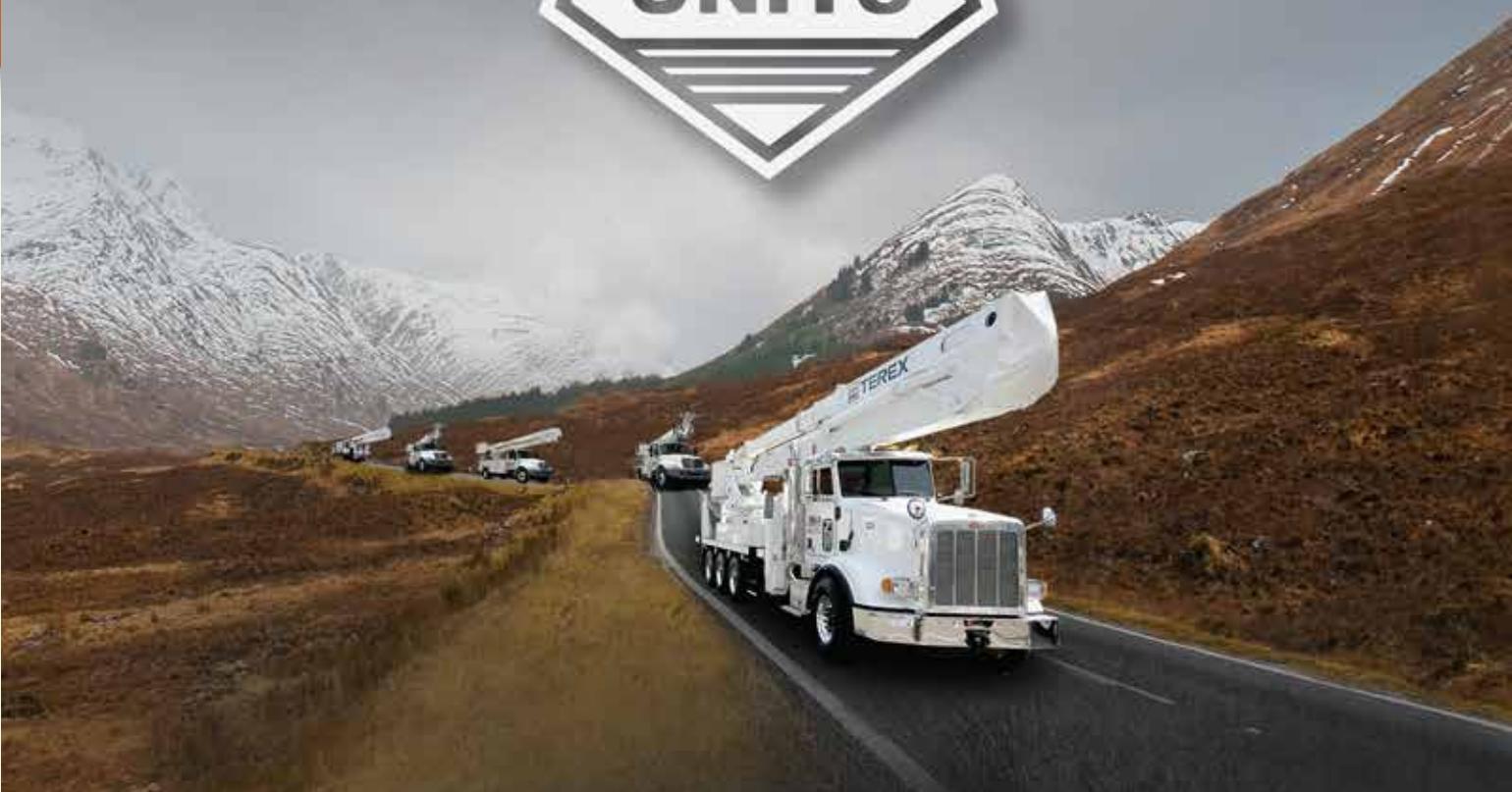
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