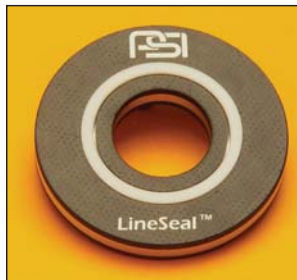


# New Products

## Pipeline Seal & Insulator

The new LineSeal sealing and flange isolation gasket was created as an alternative for



extreme critical sealing applications. The 316 stainless steel cored gasket features G-10 retainer material and a PTFE

(Teflon) seal as a standard. LineSeal seals all pressure ratings through ANSI 2500 class and API 15,000 psi service while withstanding CO<sub>2</sub> or H<sub>2</sub>S. Proven in service overseas, the LineSeal gasket has recently been tested to the detailed and rugged Shell testing standard. Available as a stand alone gasket or as part of a high quality PSI flange isolation kit. All PSI sealing gasket products are

manufactured to ISO 9001:2000 standards and are available throughout the world. (800) 423-241, [pipelinesal.com](http://pipelinesal.com)

## Underground Tools Inc.

Underground Tools Inc. offers a wide selection of rock trencher chains. All UTI rock



trenching equipment is manufactured to provide long wear life, while providing aggressive rock trenching productivity. Trencher parts from UTI are lab tested and field-proven for durability. In addition to specialized rock trencher chains, UTI manufactures trencher sprockets and booms. All parts are made with steel and carbide and heat treated to ensure strength to meet or exceed manufacturer's specifications; and are available

for all makes and models of trenchers. UTI also features DirtSmart customer service. 866-488-DIRT, [undergroundtools.com](http://undergroundtools.com)

## Kubota Tractor Corporation

The Kubota KX080-3 is the largest and most advanced excavator made by Kubota.

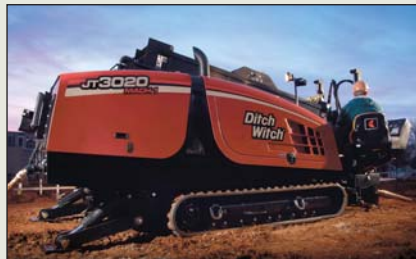


Designed especially for work environments where space is limited, but ad-

ditional power, capacity and efficiency are required, this eight-ton, tight tail-swing excavator offers more than 14,000 pounds of breakout force. The KX080-3 boasts the first direct-injection (DI) engine in a Kubota excavator. This quiet Kubota diesel engine can drive 14,660 pounds of bucket force and 8,554 pounds of arm crowd force, but

## New JT3020 Packs More Punch, Creates Less Noise

Building on its popular Ditch Witch JT2720 Mach 1 horizontal directional drill, Ditch Witch is introducing the new JT3020 Mach 1 extended-range, self-contained machine with 30,000 pounds of pullback and the capacity to bore pilot holes up to 4.5 inches and backream diameters up to 12 inches.



"[The JT3020 Mach 1] is everything our customers love about the JT2720 plus greater power, less noise, a better operator's station, and an incredibly efficient mud pump," says CMW's Richard Levings, senior product manager of HDD equipment. "The engine has a new cooling design that allows extraordinary horsepower (148 hp) in a small, quiet package. Under normal operating conditions, the engine is quieter than some of our much-smaller HDD units. But the engine automatically turns up the horsepower when the drilling conditions become more challenging."

The JT3020 still incorporates the same kind of wrenches, pipeloader and stabilizers as the previous models. Another feature is the machine's fluid pump, which delivers 42-viscosity drilling fluid at 50 gpm. The work station also has been redesigned with a great deal of customer input. "All of the information an operator needs during a bore, like pressure gauges and tracking information, is now right in his line of sight as he looks at the tool joint," explains Levings. "And we've really streamlined the information available to the operator. The JT3020 has one easy-to-read, menu-driven LCD screen that provides, among many things, real-time status of the pipe makeup and breakout cycle."

The JT3020 also features a rack-and-pinion thrust drive with a double rack that is welded rather than bolted on, which prevents misalignment with the pinion. The double rack distributes the load equally, so there is less wear on the machine. A redesigned anchor system is easy to set up and will hold firm in virtually any soil condition. (800) 654-6481, [ditchwitch.com](http://ditchwitch.com)

## Hitachi Introduces Two New Fleet Options

Construction fleet managers can now choose from two ZLink Machine Monitoring Systems from Hitachi to control their fleet operations – Advanced and Ultimate operating levels are available for field or factory installation on any Zaxis Dash-3 excavator.

"These two new options give customers more ways to lower operating costs and increase their ability to efficiently manage their fleet," says Craig McBeth, division manager for Hitachi Construction and Mining Products. "ZLink also helps to increase productivity and uptime by letting fleet managers keep tabs on every detail, no matter where the machine is located."

The original ZLink Standard level automatically collects, transmits and manages machine data. The data can be viewed at a single secure website regardless of model or make, or what dealer sold the system. Customers can then use the data to check machine operation times, track machine locations, and set restrictions on when machines are allowed to run. ZLink integrates into virtually any business office management system for maximum efficiency.

"Besides being user-friendly, the reliability is top-notch," says McBeth. "ZLink works with predictable precision from the first time you use it. And the Standard level works on any construction machine with a 12-volt or 24-volt charging system, regardless of make."

The new ZLink Advanced provides all the Standard level features plus a percentage breakdown of machine-idling hours versus working hours. To immediately inform maintenance managers of impending machine problems, Advanced also provides dashboard alerts such as low fuel level warnings via Internet, cell phone or pager.

With ZLink Ultimate, a maintenance manager can receive the kind of detailed information needed to extend the economic life of equipment, as well as improve productivity. Machine pressures, temperatures and speeds are captured and displayed in an understandable format that can be downloaded onto a spreadsheet for further analysis. (800) 675-8459, [hitachiconstruction.com](http://hitachiconstruction.com)

still start easily in the cold while maintaining fuel efficiency. Another fuel-saver that helps reduce noise and exhaust emissions is the auto-idling system, which instinctively adjusts engine rpm. The contoured tight tail-swing design has just 14.17-inch rear overhang to handle a wider range of loads in more restrictive spaces. It also features extended dumping height and digging-depth range, a swing boom, and larger bucket and dozer-blade capacity. (888) 458-2682, Ext. 900, kubota.com

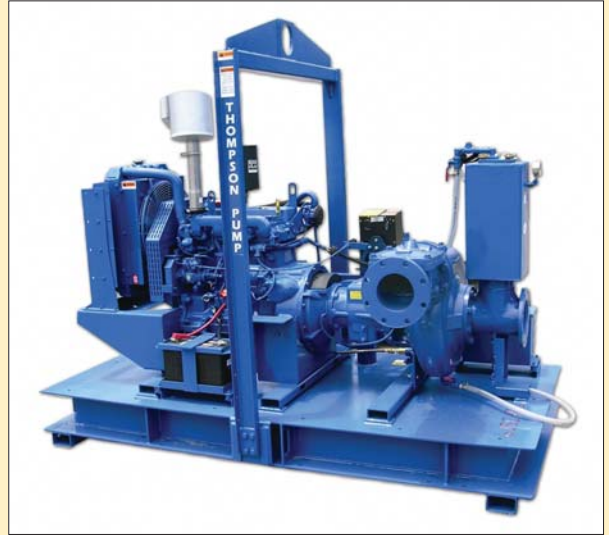
#### MADE SA

The Nadir system is designed for pre-identifying live low-voltage cables and feeders for electrical utility work. Two components help identify live low-voltage cables under load in a trench or substation exit. A transmitter is connected using crocodile clips between



## Thompson Pump & Mfg.

The JSC Series Solids Handling ENVIROPRIME pump has a heavy-duty cast-iron construction and ability to dry-prime and re-prime automatically. This model is ideal for sewage bypass and general construction dewatering applications. The 6-inch pump is designed for flows to 2,500 gpm, maximum heads to 195 feet, and can handle solids up to 3 inches. This pump also features the ENVIROPRIME compressor-assisted dry priming system which prevents blow-by, such as sewage and waste, from discharging onto the ground, making it environmentally safe. The sturdy, weather resistant, sound attenuated Silent Knight canopy is also available on Thompson's JSC series and allows the pumps to operate at 67dBa. (386) 944-4114, thompsonpump.com



# New Products

two phases, or between a neutral phase downstream from the point of interest. The transmitter's signal does not disturb communications systems. The second component, the hand-held receiver, incorporates a display for signal-level readout and push-button controls connected to a transducer for cable identification or to a flexible Rogowski coil for phase/core identification. +33 (0) 4 94 08 80 55, made-sa.com

## Rain for Rent



The XH 150 Power Prime pump is designed to produce extra high discharge heads for mining and dewatering projects. With superior fuel efficiency, this pump is able to move more water at a lower cost. The XH 150 can handle solids up to 1 3/4 inches in diameter, flows up to 2,300 gpm and head up to 605 feet. Stainless or chromium steel construction is available for low pH mining and high abrasion resistance applications. All pumps are mounted on corrosion resistant, maintenance-free galvanized skids. (800) 742-7246, rainforrent.com

## Heath Consultants

The portable Remote Methane Leak Detector (RMLD) is changing the way methane surveys are conducted. Using laser technology, remote detection allows the user to safely survey areas that may be difficult to reach, such as busy roadways, yards with large dogs, locked gates,



pipe suspended under a bridge and other hard to access places. In independent validation tests, the RMLD has proven to be an effective leak survey instrument, compared to flame ionization and similar equipment, but with the added advantage of remote detection. (800) HEATH-US, heathus.com

## STOW

STOW returns with a full line of centrifugal and diaphragm pumps. The DP-2 and DP-3 self-priming diaphragm pumps are ideal for

draining slow seepage from small excavations, trenches and construction sites, and pumping industrial waste. The DP-2 has a maximum capacity of 3,000 gph while the DP-3 pumps up to 5,100 gph. Four-hp Honda GX-120 gasoline engines drive the pumps and each features a heavy-duty aluminum body, lubricated spur gear, automatic oil shutdown, machine-steel pipe nipples and strainers that comes standard. The CP-20H

and CP-30H centrifugal pumps have capacities of 158 and 264 gpm, and a maximum head of 98 and 115 feet, respectively. (877) 289-7869, stowmfg.com

