

# New Products



## American Augers

The new 84/96-1300 NG auger boring machine allows contractors to perform larger diameter installation projects a much lower cost, and achieve jobsite success with projects that were only possible before with costly micro-tunneling machines. The standard model is designed with a 300 hp Caterpillar C-7 Tier III Diesel Engine, and a 7-speed Eaton T14607A transmission. These features allow the machine to excel with 1,300,000 pounds of maximum thrust, and 224,246 foot-pounds of maximum torque.

The 84/96-1300 is also equipped with a 5" hex, and has a working range of 24-96 inches. It also incorporates the Quik Tran fast return system to provide 10,000 pounds of push/pull at high speed, and the Quik Split frame design that allows the machine to be separated into sections for faster and easier lifts into and out of the working pit. (800) 324-4930, [americanaugers.com](http://americanaugers.com)

## Ditch Witch

The HT220 is the largest trencher built by Ditch Witch. Built to provide exceptional digging in both rock and dirt, the HT220 is a hydrostatic trencher with 220 hp. Designed for large installations – 12 to 24 inches wide and 4 to 8 feet deep – the machine has an exclusive flywheel gearbox that delivers horsepower to the attachment on demand while protecting the hydraulic system and other components from shock. Operator vibration is further minimized by standard trencher stabilizers that isolate



vibration when digging in rock. (800) 654-6481, [ditchwitch.com](http://ditchwitch.com)

## U-TECK

The Fiber Optic FTTH Splicer Table can be used either up against a pedestal or against the house. The table has a 2-inch-deep cutout section on the front edge to enable straddling of the conduit at the optical network terminal, allowing the user to sit closer to the pedestal being worked on. The fully adjustable legs (8 - 15 inches) are knob-release steel struts with no-slip, non-mar vinyl-dipped feet. These quick-drop



## Clear PVC Pipe Offers Clarity For Visual Monitoring, Leak Detection

GF Piping Systems has introduced a new line of clear Schedule 40 PVC pipe for fluid applications requiring visual monitoring. The clarity of the new clear PVC makes it a perfect choice for confirming flow direction in a pipe and fluid color changes or contamination within a system. It can also be used as secondary containment piping to provide a quick and easy visual indication of system leaks.

Clear PVC is available from stock in pipe sizes from 1- to 3-inch diameters in 10-foot lengths with bell ends. Twenty-foot lengths with bell ends, and 10- and 20-foot lengths with plain ends are available upon request. Offering the same physical characteristics as standard opaque PVC, clear PVC is strong, lightweight, corrosion-free and chemically resistant to a wide range of fluids. In addition, clear PVC is compatible with standard Schedule 40 PVC fittings, making system installation quick and easy. In applications requiring simple visual confirmation of contamination or leaks, clear PVC piping can result in significant cost savings over the expensive traditional detection instrumentation used in opaque piping systems. (800) 854-4090, [us.piping.georgfischer.com](http://us.piping.georgfischer.com)

## New Compact 17SR ACERA Excavator Makes Operating Space A Breeze

Kobelco America introduces the new 17SR ACERA zero tail swing, compact excavator for more digging performance and an adjustable track gauge that gives easy maneuverability in tight spaces without sacrificing stability when working. The 17SR also features a new "Smart Hydraulic System" fueled by three pumps that ensure maximum power for simultaneous lifting, swinging and travel operations as well as excellent controllability for fine grading.

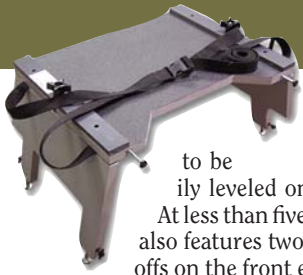
"When working in close proximity to existing structures, it is important that operators have the power and stability needed to accomplish the job," said Paul Golevicz, brand marketing manager at Kobelco America. "The 17SR's zero tail swing in the fully expanded track position and the addition of the 'Smart Hydraulic System' ensure that operators have superior flexibility and performance."

The Kobelco 17SR features a 15.2 horsepower, three-cylinder, Tier III-certified diesel engine. The machine has a bucket breakout force of 2,900 foot/pounds and an arm-crowding force of 2,158 foot/pounds. This is an 11 percent increase in total arm and breakout forces. The 17SR also offers a 10 percent increase in swing torque for a total of 310 foot/pounds and a 7.5 percent increase in draw bar pull force.

The 17SR features an in-cab lever, allowing the operator to move between expanded and contracted configurations without leaving the cab. The 17SR's cab is comfortable and easy to enter because the design requires only a three-post canopy to meet both ROPS/FOPS standards while providing more room for the operator.

The machine has a maximum operating weight of 3,638 pounds and a maximum digging depth of 7 feet, 1 inch. The bucket capacity is 0.88 to 1.55 cubic feet. The 17SR features easy access to the engine compartment, hydraulics and all routine maintenance checks from the ground. This saves time on daily maintenance checks, increasing productivity. [kobelcoamerica.com](http://kobelcoamerica.com)





struts allow the table's surface to be quickly and easily leveled on uneven ground. At less than five pounds, the table also features two adjustable stand-offs on the front edge for when it is used against the house. The stand-offs steady the platform as well as distance it from the wall. The adjustable straps are clipped together then hooked over the top of the box being worked on. A non-skid top keeps the cable splicer and other tools stationary. The table folds up compactly and locks the legs in place for easy transport or storage. A compact, legless version is also available. (800) 542-7011, uteck.com

### Topcon Positioning



Pocket Layout is designed to provide the contractor with a construction site software system to seamlessly guide them through staking, topo and grade control tasks. With easy user

interface, a contractor can be self-sufficient in layout and basic measurement tasks. The contractor can input blueprint dimensions in the office, either manually or electronically, for use in the field later. Re-establishment of lost or moved stakes can be made easily. Pocket Layout is compatible with Topcon's FC-200 series field controllers and interfaces with any Topcon total station. Its simple COGO, layout, tape dimension and reference line functions store and use multiple layouts, supporting robots and traditional total stations. (925) 245-8300, topconpositioning.com

### Vector

A larger debris body for the HXX Prodigy Vacuum Excavator is available – an optional 9-yard debris tank is mounted on a tandem axle chassis. Lighter and more compact than the full-sized Vector HXX HydroExca-



vator, the HXX Prodigy – both the standard 6-yard configuration and the optional 9-yard configuration – is specifically designed for mobile applications. The HXX Prodigy features an above-deck compressor system that does not need a holding tank to build pressure. Using hydro-excavation, the HXX Prodigy blasts away soil with jets of 10 to 20 gallons of water per minute, at rates from 1,500 to 2,500 psi, depending on the pump selection, pressure adjustment and

nozzle tip configuration. For applications where dry digging is preferred, the HXX Prodigy also comes with an optional air excavation system. Both the HXX Prodigy and the HXX HydroExcavator facilitate digging in frozen ground, with optional on-board water heaters. The 400,000 BTU or 900,000 BTU water heaters available on the HXX Prodigy allow the operator to cut through frozen ground or heavy clay. (800) 627-3171, vactor.com

# New Products



## RWF BRON

The BRON 150 crawler with a BRON offsetting vibratory plows is designed for the installation of fiber optics, copper cable, conduit and pipe at working depth up to 60 inches. Vibratory plows are ideal for installations in all conditions or where tractive power is limited. Vibratory plows can be used as a static plow when ground conditions permit. Standard features include front and rear, main lift, attitude and blade height adjustment cylinders to maintain plowing integrity in the toughest conditions. The crawler features a CAT 210-hp engine with hydrostatic 2-speed automatic-variable speed track drive with a D4 undercarriage and comes with an 8,000 pound standard lift capacity reel carrier. (800) 263-1060, [rwfbron.com](http://rwfbron.com)

## American High Performance Seals

No more weekly tightening of many bolts on assembly line presses and hydraulic equipment in the construction and utility industries



thanks to a new technology called pre-energized vee packing. Pre-energized vee-packing can create a seal simply by being fitted into the gland. Pre-energized vee-packing does not require the tightening of the gland follower to maintain the seal, which makes weekly tightening of bolts unnecessary. Vee-packing can be used in: hydraulic presses, extruders and valves, pipeline

expansion joints, oilfield control valves, sludge pumps and swivels. Pre-energized vee-packing can accommodate temperature requirements from -40 to 400 degrees Fahrenheit and can be specialty designed for split configuration. Special grades are available for water hydraulic applications. (800) 283-7140, [ahpseals.com](http://ahpseals.com)



## DuraDeck

DuraDeck DD1 mats consist of a rugged traction design on both sides, suitable for heavy equipment usage in difficult conditions. The unique traction pattern prevents "spin out" in wet or slippery conditions. Use DD1 on construction sites, drilling sites, landscaping projects, dredging sites, and anywhere a heavy duty mat is required for access, ground protection, and equipment storage. Each DD1 mat is 4 feet x 8 feet long. Sections are ½-inch thick at the core, not including tread pattern

height. DD1 contains four connection holes, one at each corner, and four additional connection holes (two each at the center of the 8-foot side). These allow panels to be connected in either direction and to be rotated at 90 degree angles as required. Use DuraLink or PlastiLink connectors with DD1 panels to create contiguous and connected runs of material for roadways or work pads. (800) 709-8151, [duradeckmats.com](http://duradeckmats.com)