

UCT Introduces Cutting Edge Products

For new cutting edge technologies and services offered in the construction and rehabilitation industry, attendees know that UCT offers the best opportunity to view them. Exhibitors who are looking to showcase their new product innovations utilize UCT as the ideal venue to reach their customers. Here's just a sample of major new product releases at UCT Atlanta:



TT Technologies

TT Technologies showcased a laser guide, auger boring system at UCT. The Grundobore 200 S is designed for steerable and non-steerable installations of house connection, laterals and other pipes ranging in diameter from 4 to 6 inches. The unit is well suited for tight working conditions including manholes.

During the process, users first establish line and grade via steerable pilots which consist of hollow pilot tubes coupled to a slant faced steering head housing a laser. This laser beam is projected back through the hollow pilots onto a scatter screen in the drive pit which is continuously monitored to ensure accurate line and grade installation. In this first step, soils are displaced but not removed by the hollow pilot tubes.

After the pilot bore, a reaming head followed by auger casings of the same outside diameter as the product pipe are attached to the first pilot at the exit pit and pulled back to the launch pit via the pilot tube sections. In this step, soils surrounding the pilots are removed via the casings and transported to the exit pit for removal.

Once the auger casings are installed from the exit pit to the launch pit and the soils are removed, the product pipe can be installed. The product pipe is attached to the last auger casing and pulled in by the casings via the exit pit. These reusable auger casings are recovered from the launch

pit as the product pipe is simultaneously pulled in place. The new installation is complete once all of the casings are removed and replaced by the product pipe. (800) 533-2078, tttechnologies.com



RIDGID

RIDGID introduced the RIDGID SeekTech SR-60 utility locator, which provides end users with more information to make the most informed decisions about underground infrastructure for easier and more accurate locates. The SR-60 has the capability to receive the full range of locatable frequencies, allowing it to be used with any pre-set frequency transmitter.

Expanding on the SR-20 utility locator, the SR-60 has additional frequencies and more versatility. With the SR-60, users can locate at the broad frequency range of 10 Hz to 490 kHz, and can tune the frequency 1 Hz at a time, allowing the SR-60 to be used with any pre-set frequency

transmitter. The unique passive search mode can be used to search all broadband passive frequencies at once, allowing for easy identification of unknown metallic lines in the target area. These features provide the necessary data for the professional locator to develop a comprehensive and accurate understanding of the underground infrastructure.

The SR-60's innovative, easy-to-read display visually maps the signal, so end users can constantly view the changes in the line direction, depth and signal strength in real time. With the added feature that allows users to program up to 30 field-configurable, user-designated frequencies, end users have maximum versatility.

The RIDGID SR-60 locator uses multi-directional antennas and state-of-the-art processing to provide users with the information they need to effectively and easily locate underground utilities.

"RIDGID locators are engineered to raise the standard in locating equipment. With the technological advancements and the higher frequencies that the SR-60 has to offer, professional locators are empowered with more information to make more informed decisions about their locates. The SR-60 offers the most flexibility as it provides the broadest range of frequencies," said Mark Fleming, senior product manager, diagnostics, RIDGID. (800) 769-7743, ridgid.com

Cosmic TopHat



Cosmic UV Quick Seal system is a glass fiber composite (GFC) laminate that installs a 4-foot short liner repair with a cure time of only seven minutes. The equipment has a working range from 6 inches to 20 inches in diameter. Over-lapping repairs can be done to extend the repair area.

With a manual or wench pull-in applicator, the UV Quick Seal is the fastest and most risk free

spot repair system in the world. The Cosmic Quick Seal will repair damaged areas such as longitudinal cracks, missing pipe, offset joints, root intrusion and leaking joints while adding structural strength to the mainline.

The GFC material is factory pre-impregnated with a UV resin and delivered in 150-foot rolls, which allows installers to cut the material in the lengths needed for different diameters. As with all TopHat systems, the UV Quick Seal has a 50-year material guarantee. +43 2744 7004, cosmic.at



Barbco

Barbco debuted two new products at UCT. First among them was the PATHFINDER PF 1000 Pilot Tube Steering System.

The PATHFINDER PF 1000 combines the technology of a pilot tube steering system with the dependability of a conventional auger boring machine. The PATHFINDER Pilot Tube Steering System is specifically designed for accuracy when installing line and grade casing. The system is powered by the existing power pack of a conventional auger boring machine, eliminating the need for a secondary power source. Pilot tube boring is a two-step process. The first step establishes the bore path with pilot tubes. The second step follows the pilot tube with larger diameter casing.

With a maximum thrust of 500,000 foot/pounds, a retract force of 300,000 foot/pounds and rotary force of 35,000 foot/pounds, the PATHFINDER PF 1000 can install pilot tube lengths of 60 or 96 inches and a pilot tube diameter of 6 5/8 inches.

Barbco also introduced the Model 72/84-2.6 MXHD auger boring machine. Designed to work with Barbco's PATHFINDER, Barbco's Extreme Heavy Duty Auger Boring machine boasts 2.6 million pounds of thrust and can take on the some of the toughest bores. The Model 72/84 is equipped with a 350-horsepower Caterpillar C9 Acert, liquid cooled 6-cylinder turbocharged engine. With 10-speed transmission, the Model 72/84 produces 1,809,561 pounds of continuous thrust and 300,999 foot/pounds of maximum torque at 8 rpm in first gear.

There are many types of cutting attachments for this machine. They range from a boring machine tunneling attachment or a small boring unit (SBU) for boring hard rock to a rock head for digging in soft rock.

Heavy duty attachments such as a 6-inch Hex auger drive and 10-inch diameter output shaft come standard on the Model 72/84.

eter output shaft come standard on the Model 72/84.

The Model 72/84 is readily available in any bore diameter with standard sizes ranging from 24 to 84 inches. The length of the drive depends on ground conditions. Barbco's Extreme Heavy Duty Model 72/84-2.6 MXHD excavates rock faster! (800) 448-8934, barbco.com