

Atlas Copco Adds Terranox DTH Hammers

Atlas Copco, an ADSC Member firm, Commerce City, Colorado, announced the addition of the Terranox DTH (down-the-hole) hammer to its package of geotechnical drilling equipment. The Terranox range of DTH hammers are designed for percussive geotechnical drilling in low pressure operations.

Low pressure drilling becomes important when drilling in overburden ground conditions, as air from DTH drilling may unconsolidate the ground, thereby decreasing the capacity of existing foundations. In these circumstances, lower air pressure (in the range of 174 to 261 psi) is recommended, and it was for these conditions that the Terranox DTH hammers were designed.

The Terranox DTH hammer utilizes the proven DHD shank on the bits and the Symmetrix pilot bit. It comes in five sizes, designated Terranox 3, 4, 5, 6, and 8. The Terranox 3 is 35-1/2 inches long, with an outside diameter of 3-1/8 inches. Sizes range upward to the Terranox 8, with a length of 56-13/16 inches and an outside diameter of 7-1/8 inches. Choosing the right hammer is largely determined by hole size and type of ground conditions. Ideally, the size of the hammer should match the required hole dimension as closely as possible, leaving just enough space for cuttings to evacuate the hole.

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Boart Longyear Introduces RC6 Reverse Circulation Drill

ADSC Associate Member firm, Boart Longyear, headquartered in Salt Lake City, Utah, recently introduced the RC6 drill, a lightweight and compact reverse circulation (RC) rig that offers versatile coring, down-the-hole-hammer (DTH) and rotary drilling capabilities. Engineered for fast set-up on site, superior mobility and powerful performance, the RC6 drill delivers reliability and productivity on even the toughest terrain.

"Safety has always been a top priority for Boart Longyear, and the RC6 is no exception with its state-of-the-art safety features," said Justin Warren, Boart Longyear's global product manager for capital equipment. "The RC6 has a lot to offer to drillers that require a versatile rig and contractors will be able to increase productivity and save a lot of time with this powerful drill."

With robust steel crawlers and an optional radio remote control for driving, the RC6 can be driven on slopes up to 30 degrees while the operator maintains a safe distance



from the rig when unloading or driving on uneven terrain. The rig also has an optional trailer-mounted cyclone and splitter than can be towed behind the drill rig for flexibility and ease of mobility on site.

Weighing only 8,000 kilograms (17,000 pounds), the rig delivers an impressive 5.5 tons of pullback and features a rotary head with up to 6,540 Nm of torque, and a Deutz air-cooled diesel engine with 72 kilowatts (96 horsepower) and has a 4-meter feed-stroke.

For more information, contact:

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