



**PRESS RELEASE**

**RELEASE DATE: IMMEDIATELY**

**Terra Sonic International Adds Diamond Coring Capabilities**

Marietta, Ohio, USA...Terra Sonic International, an industry leader in the manufacture of Sonic Drill Rigs and a provider of Sonic Drilling Services, has added Diamond Coring capabilities to all of its Sonic Drilling Rigs.

Unlike speed multipliers used to increase RPM of the Sonic Head rotation, the Diamond Coring Option consists of a dual speed motor that operates in the range of 0 to 600 RPM with 1,623 ft-lbs (2200 N-m) of continuous torque and 0 to 1,000 RPM with 811 ft-lbs (1,100 N-m) of continuous torque. Hydraulic flow used for oscillating is diverted to the dual speed coring motor, and the frequency control dial normally used to control oscillation is used to finely adjust the RPM of the dual speed motor. Terra Sonic also designed and manufactures the water swivel below the dual speed coring motor.



While Sonic Drilling can be used to extract hard rock cores, the Diamond Coring Option omits the use of the Sonic Head and Terra Sonic tooling, thereby increasing the efficiency of the hard rock coring process through the use of standard Diamond Coring tooling without wear and tear on the Sonic equipment. Terra Sonic provides 2-3/8" API female threads so that customers can adapt the tooling to their own specifications.

"In less than 30 minutes of set-up our Diamond Coring Option enables our customers to drill hundreds of feet through hard rock substrates," said Nate Stabler, Business Development, New Products. "If the customer prefers to use Terra Sonic Services to handle their drilling project, this same Diamond Coring capability can still be utilized by all Terra Sonic models."

Headquartered in Marietta, Ohio, Terra Sonic International also has regional services offices in Aiken, South Carolina; Raleigh, North Carolina; Memphis, Tennessee; and Orlando, Florida. To learn more visit [www.terrasonicinternational.com](http://www.terrasonicinternational.com).

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