



TERRASONIC MINI RIG (R-64)

Earth Drilling's TerraSonic Mini Rig has the capability to drill to depths of greater than 244 m @ 150 mm hole diameter is mounted on 300mm wide tracks providing for low ground pressure (0.46 bar/6.7 psi). The compact, small footprint combined with a powerful 50K Sonic Head provides for an extreme versatility for delicate drilling scopes in hard to reach and sensitive areas.

Benefits:

- Continuous, relatively undisturbed samples
- Waste reduction (up to 80% reduction over conventional drilling)
- Speed. Sonic drilling is faster than conventional overburden drilling methods
- Diedrich Drop Hammer, SPT, Shelby Tube Sampling and Coring capability

SPECIFICATIONS

- >> Maximum Torque: 6341 Nm (4677 ft lbs)
- >> Stroke: 14 ft 1 in (4.3 m)
- >> Pull Down: 50.3 kN (11300 lbs)
- >> Pull Back: 74.7 kN (16800 lbs)
- >> Ground Pressure (@ 1" penetration): 6.7 PSI (0.46 bar)
- >> Maximum Drilling Diameter: 305 mm

RIG DIMENSIONS

- >> Weight: 10,161 kg
- >> Rig Height: 7 ft 2 in (2.2 m)
- >> Tower Height: 20 ft 3 in (6.16 m)
- >> Width: 7 ft 3 in (2.2 m)
- >> Length: 19 ft 3 in (5.85 m)
- >> Track width: 300 mm
- >> Track Length (Ground Contact): 2133 mm

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