



Our New Sonic Rig will be in service Spring 2024

Our unit will deliver Sonic Power with a compact footprint and low-ground pressure for difficult-access.

The ideal combination of all-terrain mobility and Sonic Drilling performance with all the extras Westech rigs are known for, including an auxiliary HQ coring head.

Specifications

Rig/Carrier

- Power Source:
 - John Deere, 6 Cylinder Turbo Diesel, Liquid Cooled 225 HP
- Frame and Base:
 - The drill frame is constructed of heavy wall steel tubing with sufficient strength and rigidity for heavy duty use. The 4-way slide base has 16" (406 mm) of forward/reverse travel and 12" (305 mm) of side-to-side movement to keep boreholes started straight.
- Mast and Control Panel Lighting, Automatic SPT Hammer, Hydraulic Hoists, High Pressure Pumps, and Grout Pumps
- Stroke 9ft • Mast Dump 36"
- Track Mount: 7'9" Rig Width • 21,700lbs • 16" Ground Clearance • 24" Track Width • 5.25 PSI of Ground Pressure

Sonic/Coring Heads

- **CompactRotoSonic HO Drill Head:**
 - Max Frequency : 0 - 150 Hz
 - Sonic vibration oscillator output force: 33.8k lbf
 - Rotation torque: clockwise 0-120 rpm: 1,955 ft-lbf at 2,680 psi
 - Rotation torque: counter clockwise: 2,210 ft-lbf at 3,045 psi
 - Head tilt max: 70°
 - Pull up force in combination with sonic: 11,240 lbf
 - Pull down force in combination with sonic: 11,240 lbf
 - Pull up force static: 22,480 lbf
- **Coring Drill Head:**
 - Hydraulically driven in 700 RPM
 - 1000 PSI/ 30 GPM Bean/Coring Pump

FOR MORE INFO CALL: 1-855-WT-DRILL OR EMAIL: sonic@westechdrilling.com