

This state of the art resonant sonic drill rig combines industry leading power will all the advantage of a full-sized, truck-mounted configuration.

# **TERRA SONIC 150T**

### **KEY SPECS**

- Width (folded) 8'6"
- Width (unfolded) 12'
- Length (folded) 33'10"
- Length (unfolded) 37'1"
- Height (folded) 12'10"
- Height (unfolded) 36'6"
- Weight 47,000 lbs.
- Retract/Down Force 22,000 lbf/5,000 lbf
- CARB Compliant Tier 4 Final John Deere Rig Motor

#### LEARN MORE

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## CAPABILITIES

#### **True Sonic Performance**

Exclusive TSi 150 Series Sonic Oscillator uses 150 HP to generate up to 50,000 lbs. of resonant sonic energy.

#### **Enhanced Safety**

TSi 150T work platform is surrounded by safety handrails.

#### **Convenient Operation**

An extra-large, elevated work platform and fold-down walkway enhance crew operating efficiency and safety

#### **Maximum Drilling Performance**

Rated drilling depth of up to 800' depending casing design and lithology

#### **Abundant Power**

A 250 HP separate deck engine powers all drilling and accessory hydraulic functions

#### **Drilling Versatility**

The 32-ft mast can be positioned for drilling angles anywhere between vertical to  $45^\circ$ 

#### **Faster Performance**

Mast has 24.5 feet of head travel to enable tripping in and out of hole with 20-ft sections of rods stacked vertically alongside the mast

#### **Full Drilling Range**

Uses drill steel from  $3^{\prime\prime}$  to  $12^{\prime\prime}$  in diameter for use in many applications

#### **Greater Drilling Efficiency**

Down force of up to 15,000 lbs. and pull back force of up to 22,000 lbs. provide maximum drilling efficiency

#### **Automatic Above Ground Hammer**

Designed for taking SPT and California Modified soil samples, providing blow counts for geotechnical purposes.