

Geoprobe® 8150LS Rotary Sonic

Rotary Sonic Rigs | 8150LS

▶ VIDEOS AVAILABLE AT GEOPROBE.COM/8150LS
WHEN YOU SEE THIS SYMBOL

▶ Dual Winch System

▶ Geoprobe® GV5 Sonic Head

- 50K Dynamic Force

Head Centerline Side-Shift, Extend,
Drill Mast Dump, Breakout Vertical
Shift, Drill Mast Side-Shift, Head Tilt

10-ft. Tooling Compatible

Outriggers (Four Point Stabilization)

▶ 14-in. Double
Wrench Breakout

▶ Geoprobe® Designed
Rod Handling System

Full-Size Rotary Sonic Rig with 50K Dynamic Force

The Geoprobe® 8150LS is a full-size rotary sonic rig with high performance. It is capable of running 10-ft. tooling and the GV5 sonic head provides 50,000 lbs. of dynamic force.

▶ Multi-Function Drill Mast

- High Speed Coring Head (Optional)
- Auto Drop Hammer Compatible (SPT)

Rock Coring Compatible

Engine Mounted
Air Compressor

Water / Mud Pumps

- Multiple configurations
available

▶ Control Panel

- Movable, Adjustable Swing-Arm
- Remote Diagnostics

geoprobe.com/8150ls



Videos, Photos, Specifications, and Resources

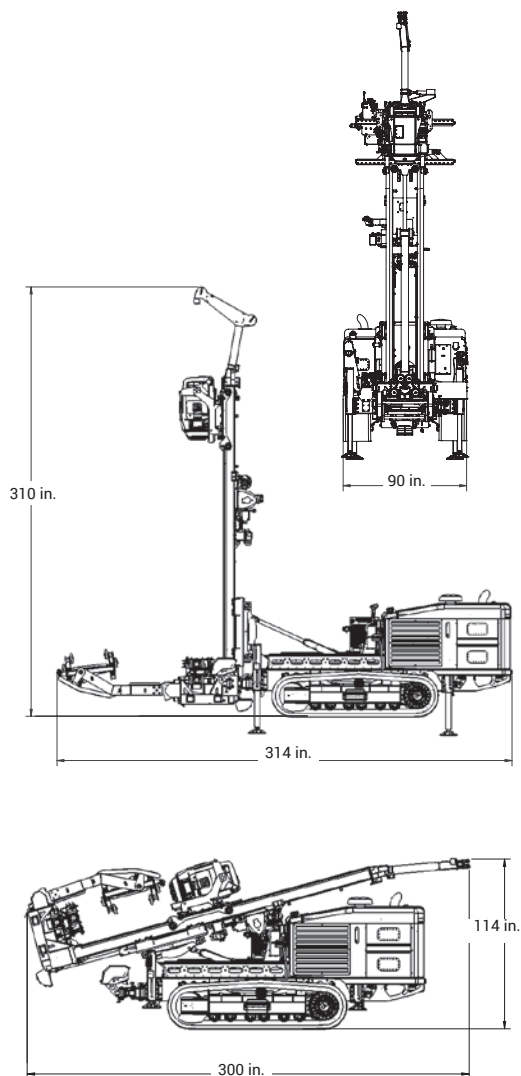
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Rotary Sonic Rigs

8150LS

Weight & Dimensions

Base Unit Weight: 32,500 lb. (14,742 kg.)
With Typical Options*: 33,500 lb. (15,195 kg.)



View full specifications online at
geoprobe.com/8150ls

Tooling

Typical Geoprobe® Tooling for the 8150LS

- Casing Sizes: 10 inch, 8 inch, 6 inch, 4.5 inch HD
- Weighted Wire Line Sampling (WWL60)
- Dual Tube Sonic Sampling (SDT60)
- 8x10, 6x8, 4x6 HD Sonic Sampling
- SP60 Groundwater Sampling

Rig shown with optional features. Weights & dimensions subject to change without notice.

*Typical extras and options include hose pump, rod handler, second winch, and 48 in. toolbox.
Standard features include triplex pump, breakout, air compressor, and head feed pressure control.

8150LS Options

High Speed Coring Head

226036 GV5 High Speed Coring Head Drive

Automatic Drop Hammer

226167 Automatic Drop Hammer Only, 140 lb
226289 Drop Hammer Mounting Brackets
216826 Automatic Drop Hammer 340 lb. Expansion Kit
217067 Automatic Drop Hammer 300 lb. Expansion Kit
221820 Automatic Drop Hammer 170 lb. Expansion Kit
210126 Weight, 65 kg

Mast / Winch

220582 Wireline Winch Kit: 1,800 lbf with Quick Change Hook

Rotational Safety Cage

222917 Safety Cage

Rod Handler

225998 Rod Handler System (3" to 9", Double Jointed, Integral Safety Features)

Water / Mud Pumps

220581 SPX40 Hose Pump Kit
228405 Hose Reel Kit - Kerr Pump Mount

Air Compressor

400043 Air Line Oiler Kit

Toolboxes

220333 48 in. Toolbox

Additional Options

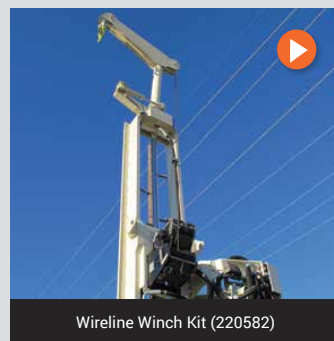
216816 Drill Mast Adjustable Brace Kit
218880 GV5 Spindle Adapter, 6.0 in., 4.5 in., 3.5 in. Assembly
222600 GV5 Spindle Assembly
220109 Back-up Alarm

Racks

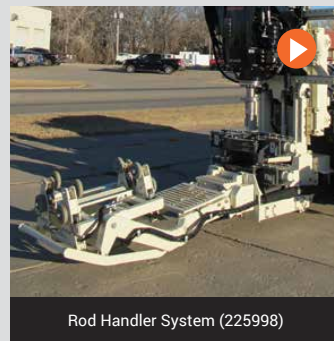
226133 Indexing Rack, 6.0 in. Casing
226096 Indexing Rack, 4.5 in. Casing
226314 Indexing Rack, 7.625 in. Casing



GV5 High Speed Coring Head Drive (226036)



Wireline Winch Kit (220582)



Rod Handler System (225998)



SPX40 Hose Pump Kit (220581)



The 8150LS fits inside a 40 ft. shipping container for international transportation.