

# Geoprobe® 3230DT Drill Rig

## Geotechnical Work to Environmental Work in One Machine

The Geoprobe® 3230DT is ideal for geotechnical and environmental applications. The patented CB Combo Head has the power to turn augers and the speed for mud rotary, while also providing a direct push hammer.

▶ VIDEOS AVAILABLE AT [GEOPROBE.COM/3230DT](http://GEOPROBE.COM/3230DT) WHEN YOU SEE THIS SYMBOL

### ▶ Patented CB Combo Head

- Percussion hammer
- 2-speed and 4-speed rotary drives available
- Patented hydraulic head clamp
- Torque options up to 6,000 ft-lbf and speeds up to 800 rpm

### Wireless & Tethered Remote Drive

### Water / Mud Pumps

- Multiple configurations available
- Separate hydraulic circuit improves mud rotary performance

### ▶ Triple Winches

- 8,500 lbf, 5,000 lbf, 1,800 lbf, and 1,100 lbf options available

### ▶ Telescoping Winch Mast

- Allows for operation at variable heights

### ▶ Multi-Function Drill Mast

- Air rotary, augering, direct push/percussion, diamond coring, mud rotary, SPT
- 84 in. of head feed travel
- 50,000 lb. of push force
- 80,000 lb. of pull force
- Extend, swing, mast dump, oscillation, and fold

### ▶ Automatic Drop Hammer

### ▶ Head Centerline Side-Shift (26 inch)

### ▶ Control Panel

- Movable, adjustable swing-arm
- Drilling control configurations

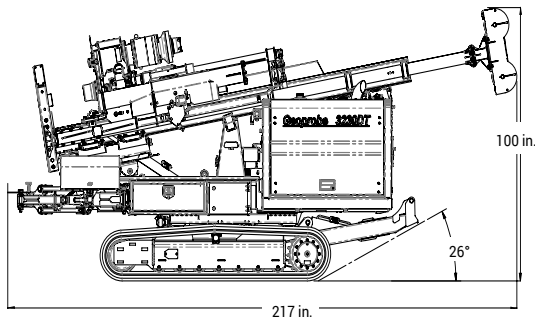
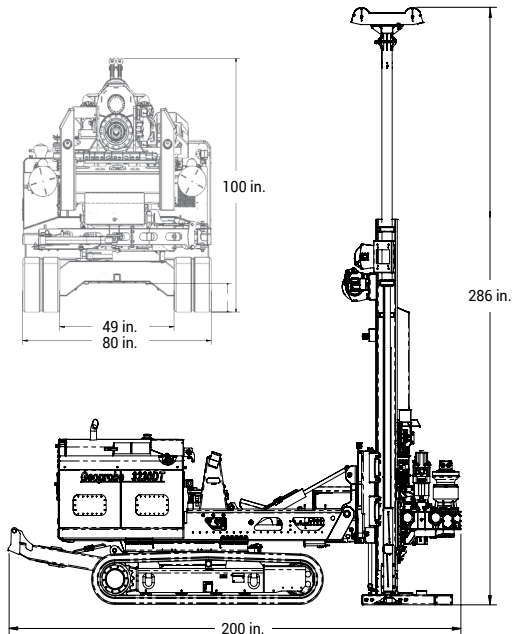
### Rear Blade (Stabilization & Tool Transport)

### 7-inch Single Clamp Breakout

### Outriggers for Stabilization

## WEIGHT & DIMENSIONS

Base Unit Weight: 17,500 lb. (7,938 kg.)  
With Typical Options: 20,500 lb. (9,299 kg.)



## TOOLING

### Typical Geoprobe® Tooling for the 3230DT

- 60-in. Direct Push Tooling
- Probe Rod Sizes: 6.0 in., 4.5 in., 3.75 in., 2.25 in.
- Dual Tube Soil Sampling (DT60, DT45, DT37)
- Groundwater Sampling (SP22)
- Prepacked Monitoring Well Installations (up to 2.0 in.)
- HSA System (Up to 8.25 in.)
- NWL Wireline System
- SPT Sampling (Interlocking Split Spoon Sampler, Driven Casing SPT, HSA, Solid Auger, Mud Rotary)

Hydraulic head clamp assembly for mobile drill rig manufactured under US Patent 8,056,640  
Rig shown with optional features. Weights & dimensions subject to change without notice.



## OPTIONS

### Combo Head

- 4 Speed Combo Head with GH70 Hammer (6,000 ft-lbf, 800 rpm)
- 2 Speed Combo Head with GH70 Hammer (6,000 ft-lbf, 150 rpm)

### Combo Head U-Joints

- 1.625 Female Hex U-joint Assembly
- 2.0 Female Hex U-joint Assembly

### Mast / Winch

- Telescoping Mast, Dual Winch
- Telescoping Mast, Triple Winch
- 3 ft. Mast Extension
- Winch Kit: 8,500 lbf (Pos. 1)
- Winch Kit: 5,000 lbf (Pos. 1)
- Winch Kit: 1,800 lbf with Quick Change Hook (Pos. 2)
- Winch Kit: 1,100 lbf with Quick Change Hook (Pos. 2)
- Winch Kit: 1,800 lbf with Quick Change Hook (Pos. 3)
- Winch Kit: 1,100 lbf with Quick Change Hook (Pos. 3)

### Breakout

- 9 in. Pullback Breakout Kit
- 7 in. Breakout Kit
- Coring Upgrade Kit for 7 in. Breakout

### Automatic Drop Hammer

- Automatic Drop Hammer, 140 lb.
- Expansion Kit
  - 340 lb.
  - 300 lb.
  - 170 lb.
- Weight, 65 kg

### Rotational Safety Cage

- Safety Cage

### Water Swivels

- Water Swivel and Bracket
- Top Spline Water Swivel (4 Speed Only)

### Control System

- Head Feed Pressure Control Kit

### Water / Mud Pumps

- Moyno® 3L8 Pump
- Moyno® 3L6 Pump
- SPX40 Pump
- Triplex Pump
- Centerline 7½ x 10 Mono Pump

### Outriggers

- Drill Mast Outrigger Kit

### Hydraulic Extruder

- Hydraulic Extruder Kit
- 3 in. Shelby Tube Hydraulic Cradle Assembly

### Air Compressor

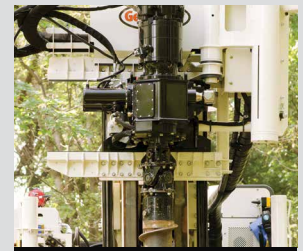
- Air Line Oiler Kit

### Rod Racks

- Tool Rack Side Mount

### Toolboxes

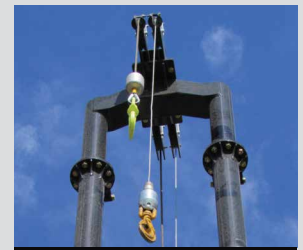
- 53 in. Toolbox
- 20 in. Toolbox



4-Speed Combo Head



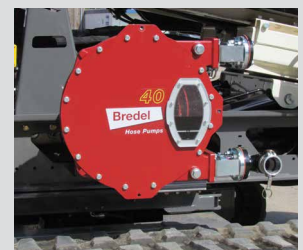
Automatic Drop Hammer, 140 lb.



Telescoping Mast, Dual Winch



Pullback Breakout Kit



SPX40 Pump Kit

