

BTS

BEACON TRACKER SYSTEM

VECTOR MAGNETICS™

SURFACE GUIDANCE WITHOUT WIRES

The Beacon Tracker System (BTS) enables tracking under obstacles where a conventional wire coil cannot be placed. The BTS is a patented two solenoid AC system for tracking the directional drilling of cable and pipeline boreholes under rivers, buildings, highways, etc.

The BTS is battery operated and portable, with its functions remotely controlled from the surveyor's computer via an included radio modem system. With no need to place the unit directly over the bore-hole, the BTS offers unmatched flexibility for the driller. The precise drill bit location and drilling direction are measured with 300 ft. range.

Features

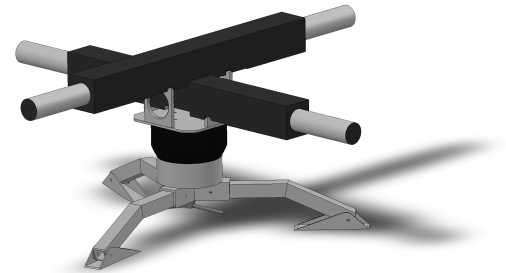
- Lightweight and portable
- All-day operation from a small automotive battery

Benefits

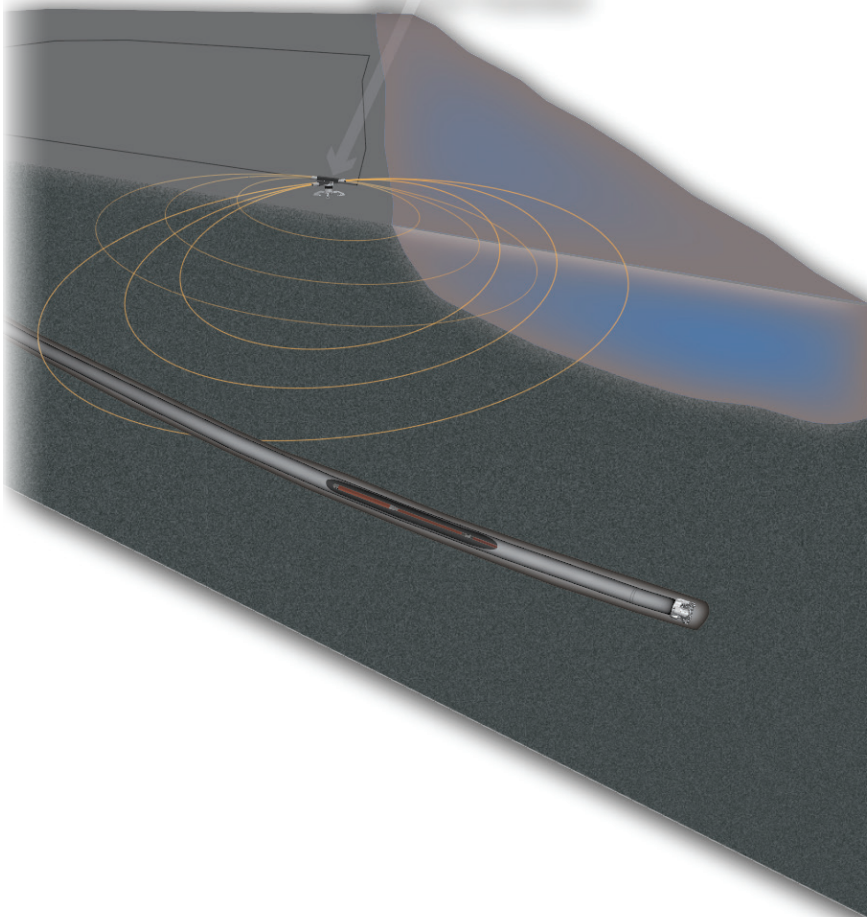
- Provides an external reference without need for surface wires
- Works seamlessly with other guidance methods

Applications

- Shore departure and approach
- Any project where surface wires are not suitable



Beacon Tracker



Specifications

- Solenoid Length:** 49 inches (2 per system)
- Solenoid Weight:** 67lbs (2 per system)
- Input Voltage:** 12vdc, 7amps (typical small automotive type battery)
- Maximum Range:** 300ft
- Precision:** Away, Elevation, Right +/- 2% of BTS to Paratrack 2 Tool distance
- Drilling Azimuth Determination:** +/- 1° (relative to solenoid axis)
- Survey Time:** 20 seconds