

## Surface Tracking. No Wires.

The **ParaTrack™ Beacon Tracker** is a portable dual-solenoid tracking system designed to enhance the accuracy of the pilot bore phase of horizontal directional drilling (HDD).

With 300 ft of effective range, the Beacon Tracker enables tracking under obstacles where a wire coil or walkover locator cannot be placed.

### Guidance You Can Trust

By providing a direct measurement between the steering tool in the borehole and a known surface position, the Beacon Tracker delivers an additional margin of safety prior to punch-out or when crossing adjacent utilities.

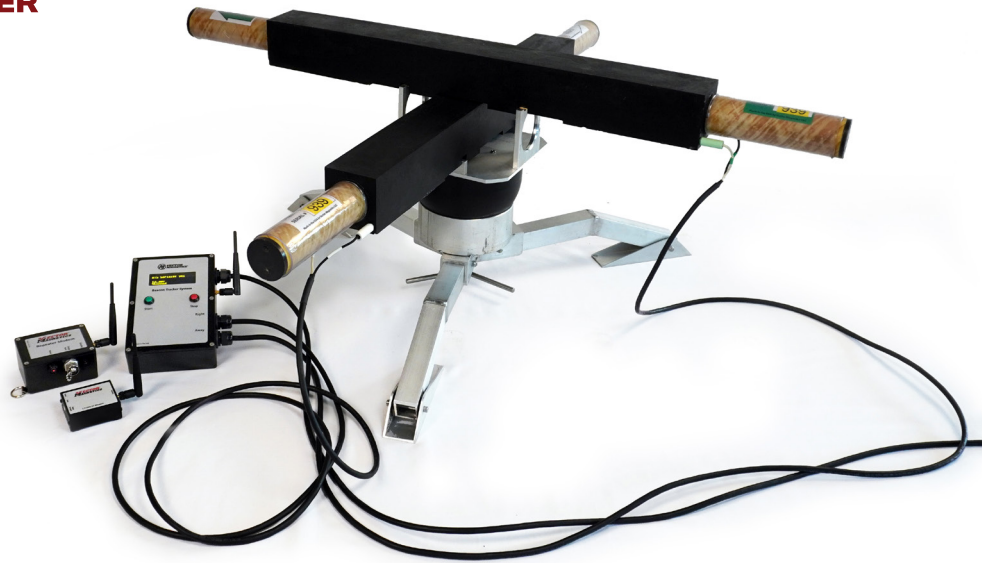
### Features

A compact footprint and unique tripod design allows for quick setup that won't impede the drilling process. Power is provided by a standard 12v automotive battery, delivering all-day operation and flexibility in placement along the alignment. The built-in radio modem enables remote operation of Beacon functions, as well as wireless data transmission to the guidance engineer at the rig.

### Benefits

Power and portability combine to make the Beacon Tracker especially effective when placed on the edge of a waterway for river crossings, cable landings, and outfalls. The powerful magnetic signal transmits at an extremely low frequency (<3hz) that maximizes range while minimizing the effects of interference.

The Beacon Tracker is part of the complete line of ParaTrack HDD guidance tools, available exclusively from your Inrock or Prime Horizontal dealer. Explore how it all comes together at [vectormagnetics.com](http://vectormagnetics.com).



## Specifications

Solenoid Length:	49 in	124.5 cm
Solenoid Weight (2 per system):	67 lbs	30.4 kg
Maximum Range:	300 ft	91 m
Input Power:	12 V DC, 7 A (typical small automotive battery)	
Shot Time:	~20 s (adjustable)	

## Precision

Away, Elevation, Right	+/- 2% BTS to ParaTrack Tool Distance
Drilling Azimuth Determination	+/- 1° (relative to solenoid axis)

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