

Steering Tool MGS

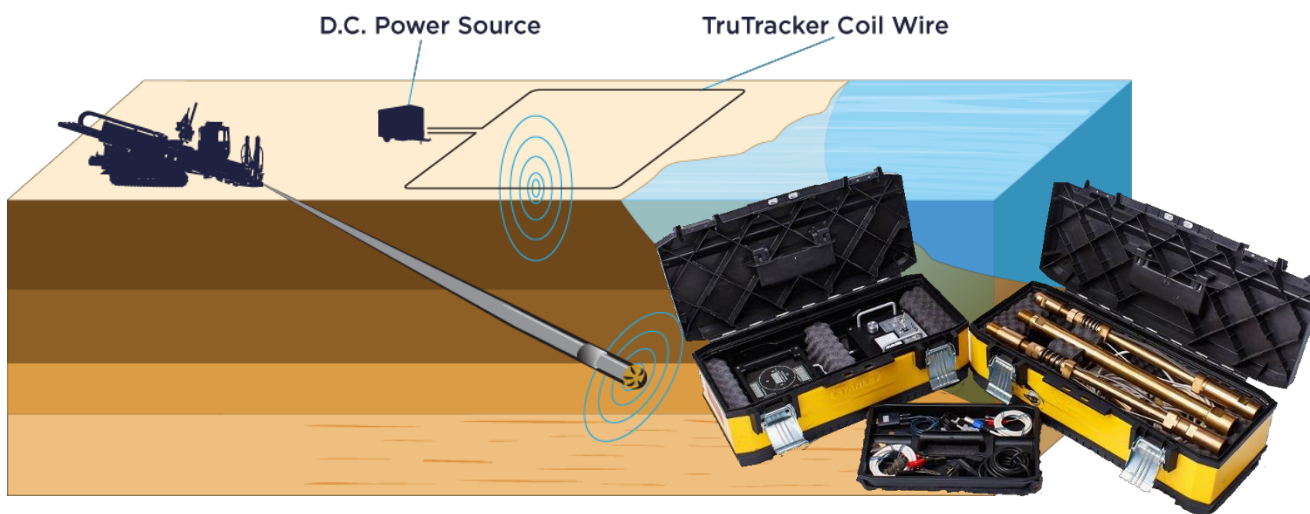
Magnetic Guidance System, drilling with real time Information.

Magnetic Guidance System (MGS) is a directional steering system that provides real time information for the Horizontal Directional Drilling Industry.

The MGS provides with known positioning by producing immediate information on tool face, azimuth (horizontal angle) and inclination (vertical angle). This data is processed at the surface by steering software to provide information on depth, course length and distance off a predetermined azimuth.

The MGS probe is located in a non-magnetic bottom hole assembly that typically includes a collar, orientation sub and a bent sub with a bit when jetting or a mud motor. Information from the probe is sent up to the surface via a single conductor wireline. The information is processed at the interface unit and simultaneously transmitted to the driller's console and computer to provide continuous information on the borehole orientation.

The TruTracker system can realistically operate at depths of up to 60 m and is accurate to +/- 2% of the vertical depth of the probe.



TruTracker System PSense