

HDD LOCATING & GUIDANCE SYSTEM



LOCATOR SPECIFICATION SUMMARY

FREQUENCY SET

17 frequencies incl. 8 ULF • 24 roll positions • 0.1% pitch precision • automatic depth calculation • interference filtering

LOCATING CONTROL

24 roll positions • 0.1% pitch precision • depth, pitch, roll, signal strength, telemetry and battery status.

FIELD FUNCTIONS

Automatic depth-variable calculation • interference filtering • practical drill-head tracking.

REMOTE DISPLAY

Intelligent touchscreen with live locating data, wireless networking and cloud sharing.

TRANSMITTER SPECIFICATIONS

MODE	FREQUENCY	BATTERY LIFE	DATA RANGE	TX TEMP.	SIZE
ST	9 + 8 ULF	90 / 50 / 25 h	32 / 42 / 55 m	-10 to 80°C	Ø1.25 × 15 in
ET	9 + 8 ULF	55 / 27 / 13 h	40 / 50 / 75 m	-10 to 80°C	Ø1.25 × 19 in
S20 mini	12 kHz	16340 / 5 h	25 / 35 m	-10 to 80°C	Ø0.8 × 5.9 / 11.8 in
S14 mini	12 kHz	10440 / 3 h	25 m	-10 to 80°C	Ø0.55 × 6.6 in

TRANSMITTER FAMILY

General ST and ET transmitters plus S20 and S14 mini transmitters. TerraPilot 7 uses the shared TerraPilot transmitter family.

FIELD WORKFLOW

- Scan interference → select frequency → match transmitter.
- Calibrate → locate tracking points → verify depth.
- Track the bore → record and share data when enabled.

Professional walk-over locating

Battery life and data range vary with operating conditions. Wireless and cloud functions require network access.

TERRAPILOT 7

Balanced range and control for everyday HDD work

TerraPilot 7 is a dependable walk-over locator for crews who need practical range, clear drill-head feedback and strong interference handling in routine horizontal directional drilling.

- 17 working frequencies including 8 ULF frequencies.
- 24-position roll indication and 0.1% pitch precision.
- Automatic depth-variable calculation and underground frequency conversion.
- Strong filtering and real-time drilling-path visualization.
- High-precision GPS positioning with shared transmitter compatibility.