



SPECIFICATIONS

TK SERIES HDD GUIDANCE SYSTEM

	U.S.	METRIC
TRACKER		
Length, max	13 in	330 mm
Width, max	7 in	178 mm
Height, max	30 in	762 mm
Operating weight, max	9 lbs	4.1 kg
Operating temperature	-4-122°F	-20-50°C
Storage temperature	-22-158°F	-30-70°C
IP Rating	IP65	
TK		
Depth distance	>70 ft w/H power beacon	>18.3 m w/H power beacon
Depth accuracy	+/- 5% over testable range	
Telemetry radio range	500 ft	152.4 m
TK_D & TK_Q		
Depth distance	>100 ft w/H power beacon	>30.5 m w/H power beacon
Depth accuracy	+/- 5% over testable range	1.8 m
Telemetry radio range	2,000 ft	610 m
Battery type	C-cell alkaline or C-cell size NiMH rechargeable	
Number of cells	4	
Battery life	12 hrs @ room temperature	
UNIVERSAL DISPLAY		
TD_R REMOTE VERSION		
Length, max	6 in	152.4 mm
Width, max	6 in	152.4 mm
Depth, max	6 in	152.4 mm
TD IN-DASH VERSION		
Length, max	7 in	177.8 mm
Width, max	7 in	177.8 mm
Depth, max	6.5 in	165.1 mm
Operating temperature	-4-140°F	-20-60°C
Storage temperature	-22-158°F	-30-70°C
IP Rating	IP66	
Telemetry range w/TK _D & TK _Q	2,000 ft	610 m
Telemetry range w/TK	1,000 ft	304.8 m
No batteries	Powered off the rig power only	

	U.S.	METRIC
BEACONS		
Length, max	17.8 in	452 mm
Diameter, max	1.5 in	38 mm
Operating temperature, max	176°F	80°C
Pressure, max	60 psi	4 bar
IP Rating	IP67	
Pitch	1% pitch resolution on TX, TX _H and TX _Q 0.1% pitch resolution on TX _{Q_G}	
Roll	24 roll positions	
Operating temperature	-4-176°F	-20-80°C
Battery	Battery status will be communicated in 4 levels at 1 update per 20 seconds.	
TX		
Depth with TK, 29 kHz	40 ft	12.2 m
Depth with TK _D & TK _Q , 29 kHz	60 ft	18.3 m
TX_H		
Depth with TK, 29 kHz	70 ft	21.3 m
Depth with TK _D & TK _Q , 29 kHz	110 ft	33.5 m
Battery types	Power stick (blue) 222-1369 Lithium 'CC' battery kit 220-083	
Battery life	Battery life is dependent on drill housing. These figures are in a standard dirt housing.	
Standard power	60 hrs	
H power	16 hrs	
TX_Q & TX_{Q_{G-H}} Power		
Depth with TK, 29 kHz	70 ft	21.3 m
Depth with TK _D & TK _Q , 1.5 kHz	60 ft	18.3 m
Depth with TK _D & TK _Q , 12/20/29 kHz	110 ft	33.5 m

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.