



SPECIFICATIONS, 8500

8500T TRACKER DIMENSIONS

	U.S.	METRIC
Height	6.4 in	163 mm
Length	13.2 in	335 mm
Width	35.5 in	902 mm
Operating weight	8.3 lb	3.8 kg

8500T OPERATION

	U.S.	METRIC
Operating temperature range	-4° F to 122° F	-20° C to 50° C
Operating modes: 1.75 kHz Beacon and 11.2 kHz Beacon		
Radio channels: 7		
Radio range	2000 ft	609.6 m
Radio frequency (US): 900 MHz		
Radio frequency (International): 2.4 GHz		

8500T BATTERIES

Type: 6 C-cell alkaline
 Battery life (continuous use @ 70° F/21° C): Approximately 10 hours
 Battery saver: Unit powers down after 5 minutes if no key is pressed and no beacon communication is detected. This feature can be disabled in a menu item.

8500D DISPLAY (MODULE ONLY)

	U.S.	METRIC
Operating weight	2.5 lb	1.1 kg
Power input: 6.5V DC to 16V DC @ approximately 150 MA		
Interface connectors: USB-B		
Data storage: SD card		
Radio channels: 7		
Radio range	2000 ft	609.6 m
Radio frequency (US): 900 MHz		
Radio frequency (International): 2.5 GHz		

8500D DISPLAY (MODULE WITH CASE)

	U.S.	METRIC
Operating weight	6.5 lb	3 kg
Battery type: 6 C-cell alkaline		
Battery life: Approximately 20 hours		
Interface: USB-B		
Antenna: TNC female		

850-SERIES BEACONS

	U.S.	METRIC
Length	17.6 in	447 mm
Diameter	1.5 in	38 mm
Weight	2.2 lb	998 g

Operating frequency: 1.75 kHz and 11.2 kHz

Roll: 60 positions (every 6 degrees)

Battery type

- 1 CC alkaline power stick
- 2 C-cell alkaline batteries

1 CC lithium battery		
Battery life: alkaline		
850B/850BG: 20 hours		
850BH/850BGH: 10 hours		
850BD/850BGD: 20 hours		
850BDH/850BGHD: 10 hours		
Depth range		
850B/850BG	50 ft	15.2 m
850BH/850BGH	60 ft	18.3 m
850BD/850BGD (11.2 kHz)	50 ft	15.2 m
850BD/850BGD (1.75 kHz)	30 ft	9.1 m
850BHD/850BGHD (11.2 kHz)	60 ft	18.3 m
850BHD/850BGHD (1.75 kHz)	40 ft	12.2 m
Maximum temperature	176° F	80° C
Maximum fluid pressure	60 psi	4 bar
Pitch		
850 series: 1% increments up to 100%		
850-grade series: 0.1% increments up to 100%		

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. *Units are calibrated to these tolerances under ideal test field conditions. Actual operating field conditions may have signal distortions or may contain noise sources which result in depth estimates that are less than specified.

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