

# ALDEN 50

## Sailboat Specifications

<b>Hull Type:</b>	Keel/Cbrd.		<b>Rigging Type:</b>	Masthead Sloop	
<b>LOA:</b>	50.33 ft / 15.34 m		<b>LWL:</b>	37.08 ft / 11.30 m	
<b>Beam:</b>	13.50 ft / 4.11 m		<b>S.A. (reported):</b>	1,092.00 ft <sup>2</sup> / 101.45 m <sup>2</sup>	
<b>Draft (max):</b>	10.33 ft / 3.15 m		<b>Draft (min):</b>	5.50 ft / 1.68 m	
<b>Displacement:</b>	38,000 lb / 17,237 kg		<b>Ballast:</b>	16,300 lb / 7,394 kg	
<b>S.A./Disp.:</b>	15.52	<b>Bal./Disp.:</b>	42.89	<b>Disp./Len.:</b>	332.75
<b>Ballast Type:</b>			Lead		
<b>First Built:</b>	1996	<b>Last Built:</b>	1998	<b># Built:</b>	3
<b>Builder:</b>			Alden Yachts Inc. (USA)		
<b>Designer:</b>			Alden Yachts		

## Auxiliary Power/Tanks (orig. equip.)

<b>Make:</b>	Westerbeke	
<b>Type:</b>	Diesel	<b>HP:</b> 70
<b>Fuel:</b>	150 gals / 568 L	

## Sailboat Calculations

<b>S.A./Disp.:</b>	15.52
<b>Bal./Disp.:</b>	42.89
<b>Disp./Len.:</b>	332.75
<b>Comfort Ratio:</b>	44.68
<b>Capsize Screening Formula:</b>	1.61
<b>S#:</b>	1.41

## Rig and Sail Particulars

<b>I:</b>	59.80 ft / 18.23 m	<b>J:</b>	19.30 ft / 5.88 m
<b>P:</b>	51.50 ft / 15.70 m	<b>E:</b>	20.00 ft / 6.10 m
<b>S.A. Fore:</b>	577.07 ft <sup>2</sup> / 53.61 m <sup>2</sup>	<b>S.A. Main:</b>	515.00 ft <sup>2</sup> / 47.85 m <sup>2</sup>
<b>S.A. Total (100% Fore + Main Triangles)</b>	1,092.07 ft <sup>2</sup> / 101.46 m <sup>2</sup>		
<b>S.A./Disp. (calc.):</b>	15.52	<b>Est. Forestay Len.:</b>	62.84 ft / 19.15 m

## Sailboat Accommodations

<b>Water:</b>	170 gals / 644 L
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## Sailboat Organizations

<b>Designers:</b>	Niels Helleberg
<b>Builders:</b>	Alden Yachts (USA)
<b>Related Sailboats:</b>	ALDEN 54

## **Additional Notes**

Alden design #1180x. (ALDEN 50/52/54). Of this series, the ALDEN 50 was the first boat planned and the last built.

Not to be confused with another ALDEN 50 built by Cheoy Lee, a much earlier design.  
See ALDEN 54 (1985).