



# FORMOSA 51

## Sailboat Specifications

<b>Hull Type:</b>	Long Keel		<b>Rigging Type:</b>	Staysail Ketch	
<b>LOA:</b>	51.00 ft / 15.54 m		<b>LWL:</b>	39.58 ft / 12.06 m	
<b>Beam:</b>	14.08 ft / 4.29 m		<b>S.A. (reported):</b>	959.00 ft <sup>2</sup> / 89.09 m <sup>2</sup>	
<b>Draft (max):</b>			6.23 ft / 1.90 m		
<b>Displacement:</b>	56,000 lb / 25,401 kg		<b>Ballast:</b>	12,000 lb / 5,443 kg	
<b>S.A./Disp.:</b>	10.53	<b>Bal./Disp.:</b>	21.43	<b>Disp./Len.:</b>	403.19
<b>First Built:</b>	1972		<b>Last Built:</b>	1984	
<b>Builder:</b>			Formosa Yachts		
<b>Designer:</b>			William Garden		

## Sailboat Calculations

<b>S.A./Disp.:</b>	10.53
<b>Bal./Disp.:</b>	21.43
<b>Disp./Len.:</b>	403.19
<b>Comfort Ratio:</b>	59.44
<b>Capsize Screening Formula:</b>	1.48
<b>S#:</b>	0.73

## Rig and Sail Particulars

<b>I:</b>	54.70 ft / 16.67 m	<b>J:</b>	18.30 ft / 5.58 m
<b>P:</b>	48.30 ft / 14.72 m	<b>E:</b>	19.00 ft / 5.79 m
<b>S.A. Fore:</b>	500.51 ft <sup>2</sup> / 46.50 m <sup>2</sup>	<b>S.A. Main:</b>	458.85 ft <sup>2</sup> / 42.63 m <sup>2</sup>
<b>S.A. Total (100% Fore + Main Triangles)</b>		959.36 ft <sup>2</sup> / 89.13 m <sup>2</sup>	
<b>S.A./Disp. (calc.):</b>	10.53	<b>Est. Forestay Len.:</b>	57.68 ft / 17.58 m

## Sailboat Organizations

<b>Designers:</b>	William Garden
<b>Builders:</b>	Formosa Boat Building Co. Ltd.
<b>Associations:</b>	Force 50 & Formosa 51 Owners Group
<b>Related Sailboats:</b>	HUDSON FORCE 50

## Additional Notes

A number of production yachts were based on this design including the HUDSON FORCE 50, GOLDCOAST OFFSHORE 50.