

RANGER 22

Sailboat Specifications

Hull Type:	Fin w/spade rudder		Rigging Type:	Fractional Sloop	
LOA:	22.50 ft / 6.86 m		LWL:	17.58 ft / 5.36 m	
Beam:	7.83 ft / 2.39 m		S.A. (reported):	206.00 ft ² / 19.14 m ²	
Draft (max):			4.25 ft / 1.30 m		
Displacement:	2,183 lb / 990 kg		Ballast:	900 lb / 408 kg	
S.A./Disp.:	19.63	Bal./Disp.:	41.23	Disp./Len.:	179.37
First Built:			1977		
Builder:			Jensen Marine/Ranger Yachts (USA)		
Designer:			Gary Mull		

Sailboat Calculations

S.A./Disp.:	19.63
Bal./Disp.:	41.23
Disp./Len.:	179.37
Comfort Ratio:	11.41
Capsize Screening Formula:	2.42
S#:	3.29

Rig and Sail Particulars

I:	25.75 ft / 7.85 m	J:	8.50 ft / 2.59 m
P:	26.00 ft / 7.92 m	E:	7.42 ft / 2.26 m
S.A. Fore:	109.44 ft ² / 10.17 m ²	S.A. Main:	96.46 ft ² / 8.96 m ²
S.A. Total (100% Fore + Main Triangles)		205.90 ft ² / 19.13 m ²	
S.A./Disp. (calc.):	19.62	Est. Forestay Len.:	27.12 ft / 8.27 m
Mast Height from DWL:		33.42 ft / 10.19 m	

Sailboat Organizations

Designers:	Gary Mull
Builders:	Ranger Yachts (USA)
	Mariner Construções Náuticas Ltd. (BRA)
Associations:	Mini Ton Class

Additional Notes

Originally designed as an IOR mini-ton racer.
A boat to this same design was also built in Brazil.