

Sadler/Starlight Data

During my time with Sadler International and then Starlight yachts and over the last eight years of Mike Lucas Yachting, I have collected much data that could be helpful to owners. This article is now made up of extracts from our Discussion Forum and various items from the website Stop Press and our own technical files. Please treat these figures with caution and use only as a guide. When ordering from rigger or sailmaker, careful checks should be made for your particular boat so as to identify any variations.

This table is available below or if you prefer, to download in Excel spreadsheet format. ([Download Now](#)) *right click and chose "Save target as"*

YACHT DIMENSIONS		26	29	32	34	35	39
LOA	ft	25' 9"	28' 5"	31' 6"	34' 9"	36' 1"	40' 5"
LWL	ft	20' 6"	22' 10"	24' 0"	27' 10"	28' 8"	31' 4"
Beam	ft	9' 5"	9' 6"	10' 6"	10' 9"	11' 6"	12' 6"
Draft	ft (+ 2" for 34 SJ)	4' 8"	5.0"	5' 6"	5' 8"	5' 11"	6' 9"
Draft	Sh fin (+ 2" for SJ)	3' 10"	4' 0"	4' 6"	4' 6"	~	~
Draft	Bilge/wing	3' 6"	3' 8"	4' 0"	4' 0"	4' 11"	5' 3"
Draft	c/plate	2' 3"	~	3' 3"	3' 6"	~	~
		4' 6"	~	6' 6"	7' 6"	~	~
DISPLACEMENT	(lbs)	4,800	8,200	9,500	12,760	13,514	17,500
Displacement	(kgs)	2,177	3,720	4,320	5,800	6,143	7,937
BALLAST (lbs) - Ballast	fin/wing (kgs)	1,750 795	3,400 1,540	4,100 1,860	4,994 2,270	5,623 2,556	7,300 3,310
FUEL	(gal/litres)	10/45	15/68	17/77	25/120	30/136	40/182
WATER	(gal/litres)	10/45	15/68	40/182	45/205	50/227	58/263
BOTTOM AREA	(sq m)	20	25	27	31	32	40
TRANSPORT DATA							
Mast length (add 0.4 to 0.7m for Furlax)	(m)	9.07	10.44	11.63	12.50	13.22	16.72
WL to mast step (m)		1.40	1.60	1.50	1.60	1.60	1.65
Loaded height (inc. mast 0.3m)	(m) - fin keel	3.10	3.40	3.50	3.70	3.70	4.10
AIR HEIGHT	(m) Afloat, bridge clearance (inc. 1m for VHF aerial)	11.50	13.00	14.10	15.10	15.80	17.40
BILGE KEEL	Width - outside measurement (ft)	5.0	6.0	-	-	-	-
SAIL/RIG DATA		26	29	32	34	35	39
AREAS (sq ft):	Main	132	180	215	234	304	381
	No. 1 (150 J)	232	326	385	426	(135 J) 400	(135 J) 500
	Spi	525	737	750	895	950	1323
RIG DIMENSIONS (m)	I	9.45	11.43	12.11	13.05	13.72	15.24
	J	3.02	3.58	3.58	3.96	4.04	4.48
	P	8.02	9.75	10.51	11.27	11.81	13.18
	E	2.59	2.89	3.20	3.60	4.34	4.88
MAST RAKE (cm/ins) (degrees)		16/6	19/7	20/8	22/9	46/18	50/20
		1°	1°	1°	1°	2°	2°
SAIL MEASUREMENTS (m)							
No 1 (furling)	Luff	9.0	10.7	11.6	12.5	13.1	14.9
	LP	4.7	5.3	5.8	6.2	5.6	6.3
	US oz	4.5	5.0	5.5	5.5	7.0	7.5
No 3	Luff	8.9	10.5	11.4	12.3	13.0	14.6
	LP	2.9	4.7	3.2	3.2	4.1	4.6
	US oz	6.5	6.5	7.5	8.0	8.0	8.5
Main	Luff	7.9	9.6	10.4	11.1	11.8	13.1
	Foot	2.6	2.9	3.2	3.5	4.3	4.9
	US oz	6.5	6.5	7.0	8.0	8.0	8.5

Furlex type

	A	B MK II	B MK II	B MK II	C	C
	100S	200S	200S	200S	300S	300S
Wire size (mm)	6	7	7	7	8	10
			baby 8	lowers 8	intermed 7	intermed 8

Note: older 32s ('79-'81) had 5mm babystay. A few 34s have 8mm rig throughout. No 1 for Starlights was 140 J.