

Proven design, performance & reliability

Ronstan's Flying Sail Furlers have been developed over recent years for use by some of the world's top racing syndicates. Encouraged by their feedback, a number of design enhancements have been incorporated, resulting in our standard range of furlers that now puts great performance and reliability within the reach of cruising and racing sailors.

Advanced drum technology

The drum incorporates a sophisticated furling line groove profile and cross hole geometry to grip the furling line securely when furling. This is the same technology developed first by Ronstan for use in our world leading ratchet blocks to grip line gently but securely.

When deploying the flying sail the continuous furling line self-ejects from the grip zone, remaining stationary for smoother, safer operation with minimum rope wear.

Guide rollers minimise friction and rope wear on the furling line, and a floating PTFE perimeter strip ensures the unloaded furling line can't fall from the drum or become snagged. The range matches drum diameters to load ratings for optimum performance. Smaller drum diameters allow faster furling and weight savings, while larger drum diameter options provide a greater mechanical advantage and easier furling.

Secure, snag free connections

Furlers and top swivels have retained quick release clevis pins and fairleads have a snag free, flush finish captive pin.

Maintenance free bearing system

Furlers and top swivels feature a factory sealed, maintenance free bearing. Multiple ball bearing sets run on hardened races for smooth high load performance.

Material selection for strength and durability

Hard anodised grade 6061 T6 aluminium construction provides durability and corrosion protection. Grade 2205 stainless steel is utilised for the load bearing shaft for optimum strength to weight ratio.

Multiple attachment options

Attachment options include a high resistance shackle, Tylaska trigger release snap shackle and fairlead, as well as a hard anodised aluminium thimble designed specifically to suit the user supplied anti-torsion luff line.

The furler drum is supplied to suit either 0° or 90° attachment, as required to match the take-off alignment and deck layout.



SERIES	TYPICAL MAX. BOAT SIZE			Complete Set with 2:1 Fairlead	Complete Set with Snap Shackle	2:1 Fairlead	Top Swivel	Thimble
	Staysail Monohull	Code Zero or Screecher Monohull	Multihull					
Series 85	17m (56')	9m (30')	8m (26')	-	RS008500	-	RS008010	RS008040
Series 100	18m (60')	11m (36')	9m (30')	-	RS010500T	-	RS013010	RS013040
Series 130	21m (68')	12m (40')	11m (36')	RS013600	-	RS013030	RS017010	RS017040
Series 170	24m (78')	14m (46')	12m (40')	RS017600	-	RS017030	RS020010 or RS020010D*	RS020040
Series 170R	27m (88')	18m (60')	15m (50')	RS017600R	-	RS020030		
Series 200	27m (88')	18m (60')	15m (50')	RS020600	-	RS020030R		
Series 200R	33m (110')	21m (68')	18m (60')	RS020600R	-	RS020030R	RS020010R	RS020040R

Complete Sets



PRODUCT No.		DRUM mm	LINE mm	M.W.L. kg	B.L. kg	WEIGHT g	DRUM in.	LINE in.	M.W.L. lb	B.L. lb	WEIGHT oz
Series 85											
RS008500	Complete set: furler, snap shackle, top swivel	85	8	1100	2200	530	3 3/8	5/16	2420	4840	18.7
Series 100											
RS010500T	Complete set: furler, Tylaska trigger release snap shackle, top swivel	100	6	1600	3200	980	3 15/16	1/4	3520	7040	34.6
Series 130											
RS013600	Complete set: furler, 2:1 fairlead, top swivel	130	8	2200	4400	1170	5 1/8	5/16	4850	9700	41.3
Series 170											
RS017600	Complete set: furler, 2:1 fairlead, top swivel	170	10	3200	6400	2110	6 11/32	7/16	7050	14100	74.6
RS017600R	Complete set: furler, 2:1 fairlead, top swivel	170	10	5000	10000	2900	6 11/32	7/16	11020	22040	102.5
Series 200											
RS020600	Complete set: furler, 2:1 fairlead, top swivel	200	10	5000	10000	3260	7 7/8	7/16	11020	22040	115.2
RS020600R	Complete set: furler, 2:1 fairlead, top swivel	200	10	8100	16200	5290	7 7/8	7/16	17850	35700	186.9

Furler Components



2:1 Fairlead



Top Swivel



Luff Line Thimble

PRODUCT No.		LINE mm	M.W.L. kg	B.L. kg	WEIGHT g	LINE in.	M.W.L. lb	B.L. lb	WEIGHT oz
2:1 Fairleads									
RS013030	2:1 fairlead	-	2200	4400	103	-	4840	9680	3.7
RS017030	2:1 fairlead	-	3200	6400	220	-	7040	14080	7.8
RS020030	2:1 fairlead	-	5000	10000	330	-	11000	22000	11.7
RS020030R	2:1 fairlead	-	8100	16200	770	-	17820	35640	27.2
Top Swivels									
RS008010	Top swivel	-	1100	2200	180	-	2420	4840	6.4
RS013010	Top swivel	-	2200	4400	310	-	4840	9680	11.0
RS017010	Top swivel	-	3200	6400	505	-	7040	14080	17.8
RS020010	Top swivel	-	5000	10000	800	-	11000	22000	28.3
RS020010D	Top swivel, high/dynamic load	-	5000	10000	770	-	11000	22000	27.2
RS020010R	Top swivel	-	8100	16200	1790	-	17820	35640	63.3
Luff Line Thimbles									
RS008040	Luff line thimble, suits RS008500	6	-	-	10	1/4	-	-	0.4
RS013040	Luff line thimble, suits RS010500T, RS013600	10	-	-	50	3/8	-	-	1.8
RS017040	Luff line thimble, suits RS017600	10	-	-	60	3/8	-	-	2.1
RS020040	Luff line thimble, suits RS017600R, RS020600	12	-	-	90	1/2	-	-	3.2
RS020040R	Luff line thimble, suits RS020600R	16	-	-	240	5/8	-	-	8.5

