



# ORBIT WINCH™ SELECTION GUIDE

Choose your Ronstan Orbit Winch™ keeping in mind the size of your yacht and your sailing requirements. This selection guide is intended for masthead rigged monohull yachts of medium displacement. Refer to the notes to the right regarding other rig or displacement types.

Please note that this table lists typical winch sizing for the given applications, but can not take into account all variables due to the wide variety of sailing vessels and conditions.

For electric winches, the size selection is generally similar to that of a manually operated winch.

For further details see our website at [www.ronstan.com](http://www.ronstan.com) or consult your local Ronstan representative for assistance in selecting your winches and information on features, options and installation.

#### Masthead Rigged

Use the Length Overall (LOA) figures as your primary selection criteria.

#### Fractional Rigged

Refer primarily to the sail area, rather than LOA.

#### Heavy Displacement

For boats with heavy displacement and/or a high righting moment, it is advisable to choose a winch larger than those indicated in the table.

#### Multihulls

Catamarans and trimarans have higher righting moments than monohulls of the same size, and should use winches larger than those indicated in the table.

LOA (Feet)	25-28	29-32	33-35	36-39	40-43	44-48	49-54
LOA (Metres)	7.6-8.5	8.8-9.8	10.1-10.7	11.0-11.9	12.2-13.1	13.4-14.6	14.9-16.5
Genoa Sail Area (ft <sup>2</sup> /m <sup>2</sup> )	300/28	350/33	470/44	560/52	770/72	880/82	1300/120
Spinnaker Sail Area (ft <sup>2</sup> /m <sup>2</sup> )	410/38	600/56	800/74	1200/111	1600/150	2000/185	2800/260
Main Sail Area (ft <sup>2</sup> /m <sup>2</sup> )	150/14	210/20	260/24	320/30	430/40	470/46	750/70

Application	Recommended Winch Size						
Genoa Sheet	20	30/40	40	45/50	50		
Spinnaker Sheet	20	20	20/30	30/40	40/45	45/50	
Main Sheet	20	20	20/30	30	30/40	45/50	50
Genoa Halyard	20	20	20/30	30/40	40/45	45/50	50
Spinnaker Halyard	20	20	20/30	30	40/45	45	50
Main Halyard	20	20	20/30	30/40	40	40/45	45/50
Reef Line	20	20	20	20	20/30	40	40/45