

# Winch Selection Guide

Efficient sail handling begins with the selection of the correct winch. To help you select from the winches described in the following pages the chart below is designed as a quick reference to match application, yacht size and winch. Cross reference your yacht size (for masthead rigs) or sail area (fractional rigs) with application, to ascertain the correct winch. You can also send your deck and sail plans to your Lewmar representative, they will be pleased to make individual

recommendations. REMEMBER runner winch and mainsheet winch selection depends on the purchase system fitted, and expected loads. Dynamic sail loads can easily increase the loads dramatically.

Multihulls generally have a higher righting moment than monohulls of equivalent lengths, resulting in higher dynamic loading, therefore, winch size needs to be larger — consult your Lewmar office or rigger for further guidance.

## Sail Area

Application	m ft	Boat Length Overall																			
		6.1-7.6 20-25	7.6-8.8 25-29	8.8-10.1 29-33	10.1-10.7 33-35	10.7-11.3 35-37	11.3-11.9 37-39	11.9-12.5 39-41	12.8-14.6 42-48	14.6-16.8 48-55	16.8-18.9 55-62	18.9-21.6 62-71									
Genoa (ft <sup>2</sup> /m <sup>2</sup> )		200 19	300 28	350 33	470 44	550 51	600 56	750 70	900 84	1500 139	1900 177	2300 214									
Spinnaker (ft <sup>2</sup> /m <sup>2</sup> )		300 28	400 37	600 56	800 74	1000 93	1200 111	1400 130	1600 149	3000 279	3800 353	4600 427									
Main (ft <sup>2</sup> /m <sup>2</sup> )		120 11	150 14	180 17	210 20	230 21	260 24	300 28	350 33	750 70	875 81	1000 93									

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Application	Size	m ft	6.1 20	7.6 25	8.8 29	10.1 33	10.7 35	11.3 37	11.9 39	12.5 41	14.6 48	16.8 55	18.9 62	21.6 71	24.4 80	25+ 80+
Genoa Sheet	7															
	15															
	30															
	40															
	45															
	48															
	50															
	55															
Spinnaker Sheet	6															
	7															
	8															
	15															
	30															
	40															
	45															
	50															
Main Sheet	6															
	7															
	15															
	30															
	40															
	45															
	50															
	55															
Genoa Halyard	6															
	7															
	15															
	30															
	40															
	45															
	50															
	55															
Spinnaker Halyard	6															
	7															
	8															
	15															
	30															
	40															
	45															
	50															
Main Halyard	6															
	7															
	8															
	15															
	30															
	40															
	45															
	50															
Runners	45															
	50															
	55															
	68															