



## 5. Winches

### 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 representative 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	
<b>Genoa (ft<sup>2</sup>/m<sup>2</sup>)</b>		200	19	300	28	350	33	470	44	550	51	600	56	750	70	900	84	1500	139	1900	177	2300	214
<b>Spinnaker (ft<sup>2</sup>/m<sup>2</sup>)</b>		300	28	400	37	600	56	800	74	1000	93	1200	111	1400	130	1600	149	3000	279	3800	353	4600	427
<b>Main (ft<sup>2</sup>/m<sup>2</sup>)</b>		120	11	150	14	180	17	210	20	230	21	260	24	300	28	350	33	750	70	875	81	1000	93

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															
	16															
	30															
	40															
	45															
	50															
	55															
	65															
Spinnaker Sheet	6															
	7															
	8															
	16															
	30															
	40															
	45															
	50															
Main Sheet	6															
	7															
	16															
	30															
	40															
	45															
	50															
	55															
Genoa Halyard	6															
	7															
	16															
	30															
	40															
	45															
	50															
	55															
Spinnaker Halyard	6															
	7															
	8															
	16															
	30															
	40															
	45															
	50															
Main Halyard	6															
	7															
	8															
	16															
	30															
	40															
	45															
	50															
Runners	45															
	50															
	55															
	65															
	70															

Lighter shading represents the upper limit of the model. If in doubt, move up a model.