

# Ordering Mainsail Travelers

## 1. Determine system size

The **Mainsail Traveler System Selection** table shows the appropriate cars for different boat types and sail areas. Contact Harken if sail area is larger than those listed.

## 2. Choose car options

**Type:** Most systems include options such as car-mounted cleats or high-load coupled cars. Racers should consider windward sheeting cars and ultra-lightweight Ti-Lite cars. Use page 17 for common mainsheet traveler configurations.

**Purchase:** See the **Control Purchase Recommendations** charts on the traveler control pages. Higher purchases are more powerful and easier to adjust under load. Lower purchases are lighter and use less line.

**Block attachments:** Cars with standup toggles and ears hold the block upright while providing fair control line leads. Cars with shackles and car-mounted sheaves cost less and are slightly lighter.

## 3. Choose controls

**Control Block Selection Guides** on the traveler control pages specify blocks and end controls based on system purchase. Use the **Index** in the back of the catalog to find control block details.

## 4. Determine track and track accessories

High-beam track will span unsupported areas. Metric, English, and variable hole spacing available. The rightmost columns in the track specification charts list compatible accessories. For curved track, see page 102.

## 5. Contact

If you have any questions, please contact Harken.



## Mainsail Traveler System Selection

Actual size track chart available at [www.harken.com](http://www.harken.com)

Cars	Maximum mainsail area							
	Monohulls				Multihulls			
	End-boom sheeting		Mid-boom sheeting		End-boom sheeting		Mid-boom sheeting	
	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>
<b>Dinghies/Light Daysailers</b>								
Micro CB: 2700/2701/2702/2703	110	10.2	85	8	85	8	70	6.5
Small Boat CB: 2726/2728/2730/2732/2744/2753	125	11.6	100	9.3	100	9.3	80	7.5
Small Boat CB: 2727/2729/2731/2733/2734/2745/2754	160	14.9	135	12.5	135	12.5	110	10.2
Small Boat CB: 2735/2736/2737/2738/2746/382	200	18.6	160	14.9	160	14.9	135	12.5
Midrange CB: 1624/1626/1635/1640	350	32.5	285	26.5	275	25.5	215	20
<b>Small Offshore Boats/Heavy Daysailers</b>								
Small Boat CB: 2727/2729/2731/2733/2734/2745	150	14	125	11.5	135	12.5	110	10.2
Small Boat CB: 2735/2736/2737/2738/2746	190	17.5	150	14	160	14.9	125	11.5
Midrange CB: 1624/1626/1628/1635/1640	260	24	215	20	215	20	160	14.9
Midrange CB: 1625/1627/1629/1636/1641	300	28	240	22	240	22	190	17.5
<b>Large Offshore Boats</b>								
Big Boat CB: 3160/3163/3164/3176/3177	425	39.5	350	32.5	350	32.5	300	28
Big Boat CB: 3161/3165/3166/3178/3179	550	51	450	42	450	42	350	32.5
Big Boat CB: 3167, CRX Roller: 3074	575	53.4	500	46.5	500	46.5	425	39.5
Big Boat CB: 2 - 3163s joined by 580 or 584	700	65	525	49	525	49	450	42
Big Boat CB: 3172, 2 - 3165s joined by 752	800	74	650	60.5	650	60.5	550	51
Mini-Maxi: 3068, CRX Roller: 3075	1100	102	900	83.6	900	83.6	750	69.7
Maxi: 3070, CRX Roller: 3084/3085	1400	130	1100	102	1100	102	900	83.6

# Ordering Genoa Lead Cars

The chart below sizes lead cars for the #1, #2, and #3 genoas based on typical loads for these sails. See **Block Loading vs Angle of Deflection** and **Genoa System Loading** on page 28 to size for different deflection angles and wind speeds. Visit [www.harken.com](http://www.harken.com) or see page 19 for common configurations.

Adjustable Genoa Lead Cars	Maximum sail area										
	Small Boat		Big Boat				Mini-Maxi				
	ft <sup>2</sup>	m <sup>2</sup>	Midrange	3000	4500	3000	4500	3000	4500	Mini-Maxi	
	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	
#1 & #2 Genoa	450	41	750	70	1500	139	2700	251	4400	409	Assumes 155% Genoa/25 knots apparent wind/45° sheet lead angle
#3 Genoa	175	16	330	31	435	40	650	60	1300	121	Assumes 100% Genoa/40 knots apparent wind/60° sheet lead angle