



**HARKEN<sup>®</sup>**

2025 NEW PRODUCTS  
USE WITH 2024 CATALOG



## Welcome to the 2025 Harken Marine Catalog Supplement



Greetings. We produce this supplement every other year to update our larger biennial catalog. Inside you will find new products we are introducing this year and some expanded information, such as early market acceptance and perhaps rigging ideas about a few products that just barely made it into our 2024 catalog. Remember, you can always find our most up-to-date product lineup at [www.harken.com](http://www.harken.com) or in our country-specific websites. Lastly, there is a navigable PDF version of our current catalogs that you may download at any time. You can find that in the footer at the bottom of the home page of our sites.



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# 25 mm Fly Blocks

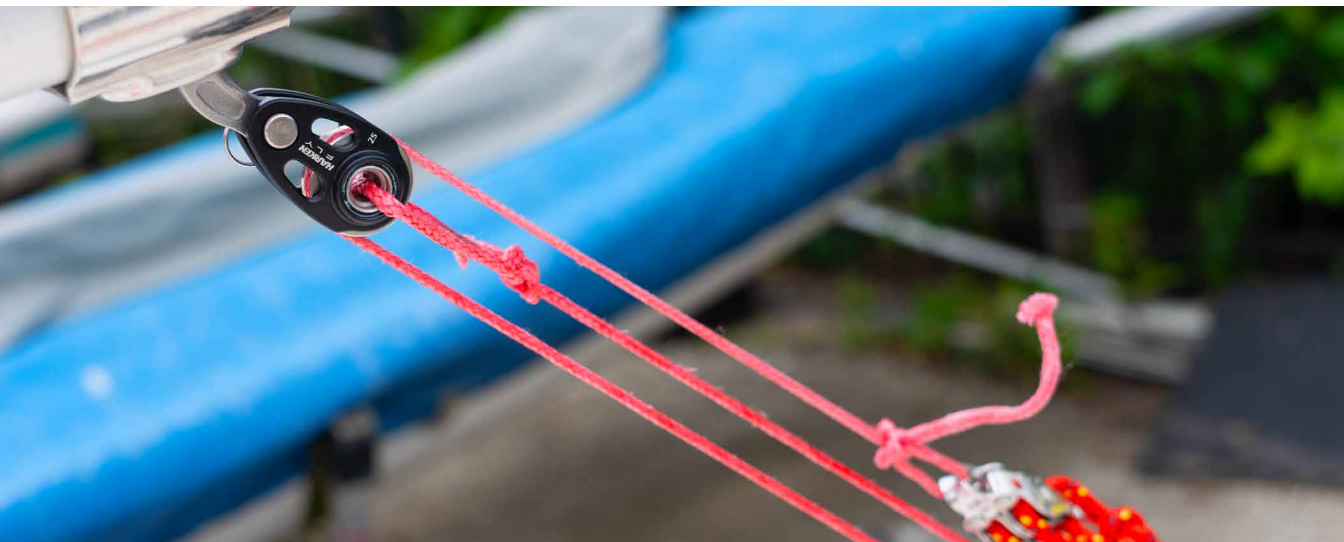
This addition to our small but mighty Fly block assortment has been developed to increase the efficiency and working load capacity of the top block in our evolving ILCA 6 and ILCA 7 boom vang systems. Its unique design allows integral attachment to a new-generation vang key.

In 'non-ILCA' applications, the block can be attached without the vang key using the included clevis pin and ring ding. The large hole in the bearing axle was designed to accommodate a soft becket attachment point. The sideplates are anodized aluminum. The sheave and inner bearing race are stainless steel as are the 15 bearing balls per side, which roll dual cup-shaped races.



1250.ILCA

1250



Part No.	Description	Sheave Ø		Length		Weight		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	oz	g	in	mm	lb	kg	lb	kg
2158	18 mm Double	23/32	18	1 3/32	28	.6	17	3/16	5	450	204	1500	680
2161	18 mm Single/narrow	23/32	18	1 3/32	28	.25	7.2	3/16	5	275	125	992	450
1250	25 mm Single	1	25	1 3/4	44	1.2	34	3/16	5	606	275	1212	550
1250.ILCA	25 mm Single	1	25	2 9/16	65	1.2	34	3/16	5	606	275	1212	550
2171	29 mm Single*	1 1/8	29	1 3/4	44	.92	26	9/32	7	770	350	1540	700
2173	40 mm Single*	1 9/16	40	2 5/16	58	2.2	62.2	11/32	9	1435	650	2870	1300
2180	18 mm Triple	23/32	18	1 3/32	28	1	28.4	3/16	5	600	272	1100	499
2698	18 mm Single	23/32	18	1 3/32	28	.25	7.2	3/16	5	275	125	992	450

\*Lashing line not included.



# Zircon Blocks

## The Family Is Growing

How do we know when a product is making a difference? Riggers and sailors send photos and impromptu reviews of how they're using the product in different ways. And then they start asking us to make more. They want them bigger and stronger and they want more sheaves and they want becketts so they can improve the performance of more systems. And you know what? They ask for smaller versions too for dinghy control lines. So here we go. We've been saying all along that Zircon ceramic blocks are uncommonly responsive. Trimmers certainly have been using them to feel tiny changes in breeze and quickly adjust sail shapes in fractions of time and sheet. But they've also been splicing them in under the deck in multi-purchase systems that now ease - easier. Go ahead, try them...anywhere it makes sense. They won't disappoint.



2185



2186



2187



2188



2189



1211

29 MM



2194



1212



2199



1213

40 MM TRIPLES

57 MM TRIPLES

Part No.	Description	Sheave Ø		Length		Weight		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	oz	g	in	mm	lb	kg	lb	kg
2185	29 mm Single	1 1/8	29	1 11/16	43	0.37	10.5	1/4	6	175	80	525	240
2186	29 mm Single w/ becket	1 1/8	29	2 1/8	54	0.44	12.6	1/4	6	175	80	525	240
2187	29 mm Double	1 1/8	29	1 11/16	43	0.72	20.4	1/4	6	350	160	1050	480
2188	29 mm Double w/ becket	1 1/8	29	2 1/8	54	0.79	22.5	1/4	6	350	160	1050	480
2189	29 mm Triple	1 1/8	29	1 11/16	43	1.07	30.4	1/4	6	525	240	1575	720
1211	29 mm Triple w/ becket	1 1/8	29	2 1/8	54	1.15	32.5	1/4	6	525	240	1575	720
2190	40 mm Single	1 9/16	40	2 3/8	60	0.81	22.9	5/16	8	250	115	750	340
2191	40 mm Single w/becket	1 9/16	40	2 7/8	73	0.93	26.5	5/16	8	250	115	750	340
2192	40 mm Double	1 9/16	40	2 3/8	60	1.58	44.7	5/16	8	500	230	1500	680
2193	40 mm Double w/becket	1 9/16	40	2 7/8	73	1.68	47.6	5/16	8	500	230	1500	680
2194	40 mm Triple	1 9/16	40	2 3/8	60	2.35	66.5	5/16	8	750	345	2250	1020
1212	40 mm Triple w/ becket	1 9/16	40	2 7/8	73	2.47	70	5/16	8	750	345	2250	1020
2195	57 mm Single	2 1/4	57	3 1/8	79	1.58	44.8	3/8	10	330	150	990	450
2196	57 mm Single w/becket	2 1/4	57	3 3/4	95	1.81	51.4	3/8	10	330	150	990	450
2197	57 mm Double	2 1/4	57	3 1/8	79	3.05	86.4	3/8	10	660	300	1980	900
2198	57 mm Double w/becket	2 1/4	57	3 3/4	95	3.27	92.7	3/8	10	660	300	1980	900
2199	57 mm Triple	2 1/4	57	3 1/8	79	4.52	128	3/8	10	990	450	2970	1350
1213	57 mm Triple w/ becket	2 1/4	57	3 3/4	95	4.73	134	3/8	10	990	450	2970	1350



# 40 mm Zircon Cat Mainsheet System

This is the newest entrant in the ongoing process of creating high-efficiency mainsheet systems that keeps up with ever more aggressive sailing styles in the Olympic NACRA 17 or other Grand Prix multihulls. At the heart of the 2801 system are 40 mm Zircon sheaves that provide incredible friction reduction while generating 30% less airflow disruption and clearing the tiller more easily. There's a swivel on both top and bottom units to allow for better alignment with load and position of the crew. Sailors are still free to select any of the Harken Power3 ratchet sheaves to match weather conditions and to use the system in 10:1, 11:1, or 12:1 mode to better fit their sailing styles. Sales for the second half of 2023 and 2024 point to excellent adoption by top-level teams during the Marseille Olympic quad.



2801

Part No.	Description	Sheave Ø		Weight		Max line Ø		Maximum working load		Breaking load	
		in	mm	oz	g	in	mm	lb	kg	lb	kg
2801	40 mm Zircon Catamaran Mainsheet System – 1.5x grip 57 mm ratchet	1 9/16	40	31.3	888	5/16	8	1200	545	3600	1636

## 29 mm ZIRCON

It's true, no block we've ever seen provides a more direct feedback loop between a trimmer and a sail shape. But then a sailor sees that kind of responsiveness and starts to wonder how that would work under the deck on a jib car adjuster or an in hauler. And now there's Zircon in 29 mm.





# 40 mm Carbo Twing

A first! The new carbo twing block features a spring-loaded top-opening mechanism so you can pop it on or off the sheet very quickly whenever the breeze dictates. And practice makes doing it one-handed a snap. Carbo sideplates and sheave give it the toughness to survive impact as you pull it down tight to the deck.



© Doug-Wake



2699

Part No.	Description	Sheave Ø		Length		Weight		Shackle pin Ø		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
2163	Cheek/becket	1 9/16	40	2 29/32	74	4.9	139			3/8	10	485	220	1620	735
2636	Single/swivel	1 9/16	40	3 3/8	86	1.6	44	5/32	4	3/8	10	485	220	1620	735
2637	Single/swivel/becket	1 9/16	40	4	102	1.7	48	5/32	4	3/8	10	485	220	1620	735
2644	Cheek	1 9/16	40	2 3/4	70	1.2	34			3/8	10	485	220	1620	735
2645	Single/swivel/471 Carbo-Cam**	1 9/16	40	3 3/8	86	4.2	119	5/32	4	1/4	6	150	68	300	136
2646	Single/swivel/471 Carbo-Cam/becket**	1 9/16	40	4	102	4.3	122	5/32	4	1/4	6	300	136	600	272
2649	Traveler	1 9/16	40	4 1/4	108	1.8	52			5/16	8	330	150	1000	454
2650	Single/fixe*d*	1 9/16	40	2 1/2	64	1.4	40			3/8	10	485	220	1620	735
2652	Stand-up/fixe*d*	1 9/16	40	2 3/4	70	1.7	48			3/8	10	485	220	1620	735
2659	90° fixe*d head*	1 9/16	40	2 15/16	75	1.6	44			3/8	10	485	220	1620	735
2699	Twing	1 9/16	40	3 1/2	89	3	86			3/8	10	606	275	1818	825

\*Can be used as becket block. \*\*Maximum working loads and breaking loads for blocks based on cam strengths.



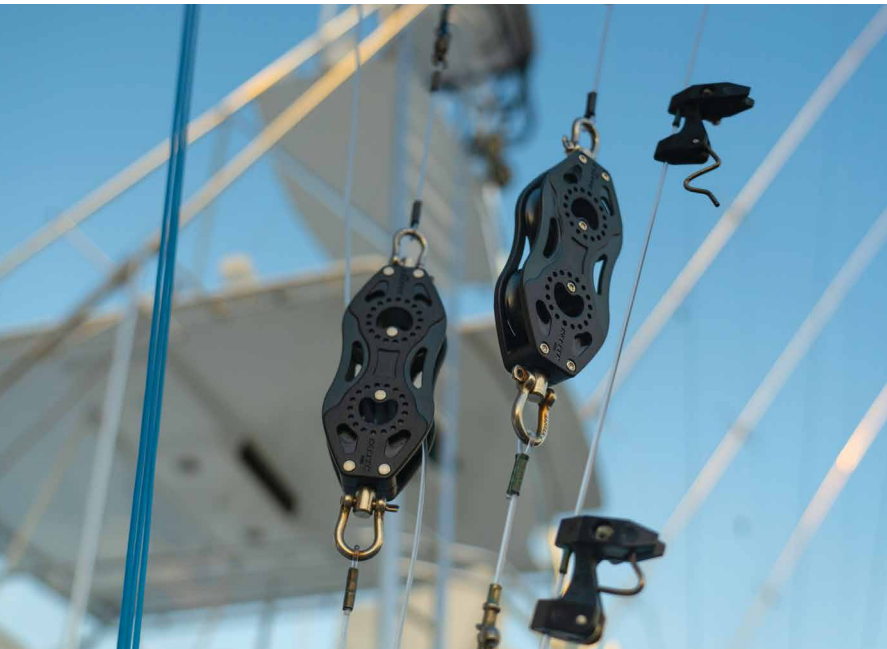
# 40 mm Carbo Double Swivel Symmetrical Fiddle, Fishing Pulley

The new Harken #2184 was designed to improve the deployment and retraction responsiveness and the precise presentation of bait teasers aboard sportfishing boats. The pulley features two back-to-back 40 mm sheaves which make it symmetrical and balanced. This is the first fishing pulley with a swivel on both ends—most have a single swivel at the head. This eliminates the need to manually rig another swivel at the opposite end. Getting rigging done and lures in the water is much faster.

Symmetrical, balanced, and mated sheaves prevent the pulley from capsizing and improve load alignment. The sideplate has been extended slightly, improving protection for the sheave and helping prevent monofilament from getting between sheave and sideplate. The pulley's low friction design allows easier adjustment and movement of the teaser rig. This includes shaking grass and moving the rig in or out as the boat turns. Harken ball bearing technology helps crews react quickly when there's a fish on and everything else needs to come out of the water NOW.



2184F



Part No.	Description	Sheave Ø		Length		Weight		Shackle pin Ø		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
2184F	Double-ended swivel	1 9/16	40	6 1/2	165	3.1	89	5/32	4	3/8	10	485	220	1620	735

# Fixed Tulip Blocks

This workhorse equipment is designed to mount easily and provide unobtrusive, economical strength. Their wide, line-friendly tulip sheaves make them efficient for applications where slight lead angle misalignments would otherwise lead to off-center loading and increased friction. They are also helpful where the lead angle changes as it does in some outhaul systems as the boom goes in and out and across the boat.

**Mastbase block:** In these applications, one fixed tulip block can replace a block plus a baseplate plus a shackle or loop.

**Over-the-top** models are designed to facilitate full 90-degree deflections in rope path facilitating horizontal-to-vertical transitions over cabintops to cockpit floors on offshore catamarans. Their unique divided design allows for one line to be substituted for another in the middle of a system rather than requiring a complete re-rig through a rope clutch.

**Footblocks** are, by definition, fixed to the deck. Our new tulip sheave design helps realign lead angle in situations where the lead is not perfectly aligned with the block—situations where off-center loading would cause significant additional friction with a narrower conventional sheave.

**Crossover blocks** are fantastic for helping sailors adjust and cleat multiple lines using the smallest possible number of cleats, reducing weight in the process. Tulip sheaves help more as the lead angles get more acute.

**These new line organizers** are designed to be installed between a row of clutches terminating halyards and control lines, and corresponding winches. The organizer allows fewer winches to service increasingly busy pit areas. The tulip sheaves keep even very acute leads fair and reduce friction in the process.



9039  
9040  
9041



9043



9044



9045



9046

## CROSSOVER BLOCKS

## DECK ORGANIZERS

Part No.	Description	Sheave Ø		Height		Weight		Base Ø		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
<b>Crossover Blocks</b>															
9039	45 mm Tulip Crossover Block	1 3/4	45	1 7/16	37	4.6	131	1 7/8	48	1/2	12	2000	907	4000	1814
9040	60 mm Tulip Crossover Block	2 3/8	60	1 7/8	48	10.8	305	2 1/2	63	9/16	14	3000	1361	6000	2721
9041	75 mm Tulip Crossover Block	2 15/16	75	2 3/8	60	19	540	3 1/8	79	9/16	14	3750	1701	7500	3402

Part No.	Description	Sheave Ø		Length		Height		Weight		Fasteners		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
<b>Deck Organizers</b>																	
9043	3-sheave	1 1/3	33	4 1/8	105	1 1/2	38	7.8	220	5/16	8	1/2	12	2250	1020	4500	2041
9044	4-sheave	1 1/3	33	5 9/16	141	1 1/2	38	10.2	290	5/16	8	1/2	12	2250	1020	4500	2041
9045	5-sheave	1 1/3	33	7	177	1 1/2	38	12.7	360	5/16	8	1/2	12	2250	1020	4500	2041
9046	6-sheave	1 1/3	33	8 7/16	213	1 1/2	38	15.2	430	5/16	8	1/2	12	2250	1020	4500	2041





**MASTBASE BLOCKS**



**OVER-THE-TOP**



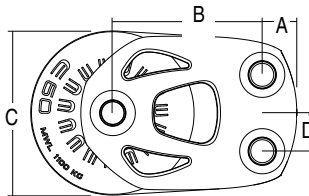
**FOOTBLOCKS**

Part No.	Description	Sheave Ø		Width		Length		Height		Weight		Fasteners in mm	Fasteners required	Max line Ø		Maximum working load		Breaking load		
		in	mm	in	mm	in	mm	in	mm	oz	g			in	mm	lb	kg	lb	kg	
<b>Mastbase Blocks</b>																				
9030	45 mm Tulip Vertical Fixed Block	1 3/4	45	1 5/8	42	2 11/16	69	2 1/4	57	6.6	187	1/4	6	3	1/2	12	2750	1247	5500	2495
9031	60 mm Tulip Vertical Fixed Block	2 3/8	60	2 1/8	54	3 9/16	91	3	76	14	400	5/16	8	3	9/16	14	5000	2268	10000	4536
9032	75 mm Tulip Vertical Fixed Block	2 15/16	75	2 9/16	66	4 1/2	114	3 3/4	95	25.5	724	3/8	10	3	9/16	14	8000	3629	16000	7257
<b>Over-The-Top</b>																				
9033	45 mm Tulip Over-the-Top Block	1 3/4	45	1 5/8	42	2 13/16	71	2 3/8	60	7.6	215	1/4	6	3	1/2	12	2750	1247	5500	2495
9034	60 mm Tulip Over-the-Top Block	2 3/8	60	2 1/8	54	3 5/8	92	3 1/8	80	16	456	5/16	8	3	9/16	14	5000	2268	10000	4536
9035	75 mm Tulip Over-the-Top Block	2 15/16	75	2 9/16	66	4 9/16	116	3 7/8	99	29	830	3/8	10	3	9/16	14	8000	3629	16000	7257
<b>Footblocks</b>																				
9036	45 mm Tulip Foot Block	1 3/4	45	2	50	3 9/16	91	1 5/8	41	6	172	5/16	8	3	1/2	12	2200	998	4400	1996
9037	60 mm Tulip Foot Block	2 3/8	60	2 5/8	67	4 9/16	116	2 1/16	53	13	366	3/8	10	3	9/16	14	3600	1633	7200	3266
9038	75 mm Tulip Foot Block	2 15/16	75	3 1/4	83	5 5/8	143	2 9/16	65	23	660	7/16	12	3	9/16	14	5750	2608	11500	5216

# 45 mm Element Blocks



6252



6244

Part No.	Description	Sheave Ø		Length		Weight		Shackle pin Ø		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
6230	Single/swivel	1 3/4	45	4	102	3.6	103	1/4	6	1/2	12	1543	700	3086	1400
6231	Single/swivel/becket	1 3/4	45	4 3/4	121	4.0	115	1/4	6	1/2	12	1543	700	3086	1400
6232	Fiddle/swivel	1 3/4	45	5 1/8	130	4.4	126	1/4	6	5/16	8	1543	700	3086	1400
6233	Fiddle/swivel/becket	1 3/4	45	5 3/4	146	4.6	130	1/4	6	5/16	8	1543	700	3086	1400
6234	Fiddle/150 Cam-Matic/swivel/becket	1 3/4	45	5 3/4	146	8.6	245	1/4	6	5/16	8	1213	550	2426	1100
6235	Fiddle/150 Cam-Matic/swivel	1 3/4	45	5 1/8	130	8.4	241	1/4	6	5/16	8	900	408	1800	816
6236	Single/150 Cam-Matic/swivel/becket	1 3/4	45	4 3/4	121	8.1	230	1/4	6	1/2	12	600	272	1200	544
6238	Double/swivel	1 3/4	45	4 1/4	108	6.3	180	1/4	6	1/2	12	1929	875	3858	1750
6239	Double/swivel/becket	1 3/4	45	5	127	6.8	195	1/4	6	1/2	12	1929	875	3858	1750
6240	Triple/swivel	1 3/4	45	4 1/4	108	9.3	265	1/4	6	1/2	12	2315	1050	4630	2100
6241	Triple/swivel/becket	1 3/4	45	5	127	9.6	275	1/4	6	1/2	12	2315	1050	4630	2100
6242	Triple/150 Cam-Matic/swivel	1 3/4	45	4 1/4	108	14.7	420	1/4	6	1/2	12	1499	680	2998	1360
6243	Triple/150 Cam-Matic/swivel/becket	1 3/4	45	5	127	15.1	430	1/4	6	1/2	12	1799	816	3598	1632
6250	Stand-up	1 3/4	45	4 7/8	123	5.3	150			1/2	12	1543	700	3086	1400
6251	Stand-up/becket	1 3/4	45	5 5/8	143	5.8	164			1/2	12	1543	700	3086	1400
6252	Single Standup w/ Boot*	1 3/4	45	3 11/16	94	4.3	122			1/2	12	1543	700	3086	1400

\*Includes padeye. 5 mm (#10) fasteners, fastener circle: 30 mm (1 3/16).

### Footblock Dimensions

Part No.	A		B		C		D	
	in	mm	in	mm	in	mm	in	mm
6237/6244	7/16	11	1 5/8	41.5	1 3/4	45	3/8	9.5

### Footblock

Part No.	Description	Sheave Ø		Length		Height		Weight		Max line Ø		Maximum working load		Breaking load		Fasteners (FH)
		in	mm	in	mm	in	mm	oz	g	in	mm	lb	kg	lb	kg	
6237	Single footblock	1 3/4	45	3	76	1	25	3.5	100	1/2	12	1543	700	3086	1400	6
6244	Double footblock	1 3/4	45	3	76	1 3/4	45	5.6	160	1/2	12	1018	466	2036	933	6

# FlatWinder Powered Block

## FlatWinder Sensor

The FlatWinder Sensor is introduced as a kit that can be added to every FlatWinder application we've ever produced at Harken. When added to a FlatWinder, its purpose is to stop the motor at specified points, even if the button to activate the FlatWinder has been pressed. For example, it can stop the movement of daggerboards, traveler cars, or extendable leisure platforms. The Sensor kit includes an electric box with a dedicated Harken Dual-Function Control Box. Depending on the requirement of the application, the sensor can be either inductive or magnetic.

## FlatWinder 1000

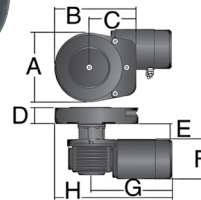
The FlatWinder 1000 joins as the most powerful block of the FlatWinder range, with a maximum working load of 1000 kgs / 2208 lbs. This larger design was developed to cater specifically to the needs of monohulls and catamarans over 80 feet and to simplify tasks with significant loads. The FlatWinder 1000 gives sailors control over traveler and daggerboard up-down systems while also serving as a reliable device for lifting tenders and moving large platforms.

While doubling in strength and line speed, the FlatWinder 1000 maintains a compact design, with only a slight increase in weight and size compared to its predecessor. It is available in 12V, 24V, or 48V electric or hydraulic, depending on the system.



## FLATWINDER Sensored

This version of the Flatwinder powered block works beautifully to move a foil up and down...or in and out. It's fast. It's quiet. It's light. It's reliable. But how do you know how far up or down...or in or out the foil is? There's a sensor for that.



## FlatWinder 1000

Part No.	Weight		Line entry height		Line Ø	Fastener circle		Fastener (TE or TB)	Max. working load	Dimensions												Line speed					
	Aluminum lb	Kg	in	mm		in	mm			in	mm	A	B	C	D	E	F	G	ft	m							
FW1000EA24H	64.0	29.0	1 1/8	29	3/8	10	6.57	167	- 6xM6	2208	1000	9 1/2	242	12 1/4	310	7 1/2	189	2 1/2	62	2 3/4	71	4 7/8	125	19	483	82	25
FW1000EA48H	64.0	29.0	1 1/8	29	3/8	10	6.57	167	- 6xM6	2208	1000	9 1/2	242	12 1/4	310	7 1/2	189	2 1/2	62	2 3/4	71	4 7/8	125	19	483	82	25
FW1000HA	64.0	29.0	1 1/8	29	3/8	10	6.57	167	- 6xM6	2208	1000	9 1/2	242	12 1/4	310	7 1/2	189	2 1/2	62	2 3/4	71	4 7/8	125	14 9/16	370	82	25

# 1-Ton Twing Block

This new big-boat, side-opening twing block is designed to be opened and closed one-handed using the radiused thumb button set in the sideplate above the sheave bearing. That button is partially recessed to protect against inadvertent opening. Rigging a twing line is generally accomplished to leeward while leaning overboard to access the tensioned sheet. To help add crew safety, the button is spring-loaded so opening and rigging the block becomes a true one-handed operation.

The block is made of aluminum with Torlon® bearing balls running in curved races recessed within the anodized sheave. Sideplates are anodized and rubber-armored to protect block, deck, and topsides. The block is designed so it may be rigged 2:1 for easier up/down adjustment under load. A horizontal pin separates mounting line from sheet to prevent the block from capsizing. It may also be attached with a fixed loop to a padeye or loop spliced and run directly to a fairlead and cleat. The block accommodates up to 11 mm diameter line.



## 1-Ton TWING BLOCK

Matching leech profile on today's triple-headed sail plans makes this new twing block an important offering offshore. Designing it to be safely rigged with one hand so crewmembers have the other hand for safety is even more important.



3405

Part No.	Description	Sheave Ø		Length		Weight		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	oz	g	in	mm	lb	kg	lb	kg
3405	1-Ton Twing block	1 1/2	38.5	3.0	78	1.4	125	.43	11	2205	1000	4409	2000

# Duplex Cast Padeyes

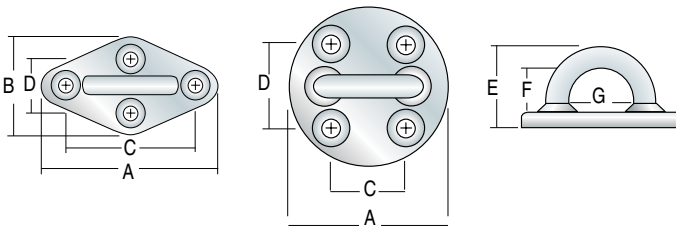
Not all sailors know this: there are different grades of stainless steel and they offer different takes on the balance between structural strength and corrosion resistance. Duplex is a class of stainless steel, new to Harken's pad-eye line-up. It offers increased amounts of chromium in the alloy for enhanced corrosion resistance at very high relative strengths. All sailors should know this: Stainless does not mean maintenance free. Make sure to inspect structural stainless deck hardware regularly and clean and restore the finish as needed.



▶ "Stainless doesn't mean maintenance free." Watch video

## DUPLEX Cast Padeyes

We use duplex stainless steel in high-strength deck hardware for its excellent combination of shape retention and its very high levels of chromium for corrosion resistance. We found it to be an appropriate strategic addition to our line-up.



All 3 directions can take the same load.

Part No.	Description	Maximum working load		Breaking load		Fasteners (FH)	
		lb	kg	lb	kg	in	mm
3410	Small Square Duplex Padeye	4500	2041	9000	4082	1/4	6
3411	Medium Square Duplex Padeye	7500	3402	15000	6804	5/16	8
3412	Medium HL Square Duplex Padeye	10500	4763	21000	9525	3/8	10
3413	Large Square Duplex Padeye	18000	8165	36000	16329	1/2	12

Part No.	Description	A		B		C		D		E		F		G		Weight	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	oz	g
3410	Small Square Duplex Padeye	2	52	1 7/8	48	1 3/16	30	1 3/16	30	1 3/16	30	5/8	16	7/8	22	3.8	107
3411	Medium Square Duplex Padeye	2 9/16	65	2 3/8	61	1 9/16	39	1 9/16	39	1 1/2	38	13/16	21	1 1/8	28	7.7	218
3412	Medium HL Square Duplex Padeye	3 1/8	80	2 15/16	75	1 7/8	48	1 7/8	48	1 13/16	47	1	25	1 5/16	34	14.8	420
3413	Large Square Duplex Padeye	3 13/16	97	3 1/2	90	2 1/4	58	2 1/4	58	2 1/4	58	1 3/16	30	1 9/16	40	27.9	790

# 30.2PTP PERFORMA WINCH – 2 SPEED

The new Performa 30.2 winch is Harken's smallest two-speed winch. It was originally designed to meet the power requirements of the increasingly powerful Mini Transat 6.5 fleet. The self-tailing 30.2 fills the need for a lightweight and compact winch that bridges the gap between our Performa 20 and 35.2 self-tailing winches.

The Performa 30.2 is now available in a plain top model. This version will replace our 32.2A winches which relied on previous generation engineering aboard boats like the J80. Like many designs, the 30.2 winches go beyond their original narrow niche' and can easily find their place on yachts up to 30 ft, handling 6-10 mm line. Both winches have the same gear and power ratio. Gear: 1st speed – 1:1, 2nd speed – 4.25:1. Power: 1st speed – 7.8:1, 2nd speed – 29.8:1. These are the updated figures for the 30.2STP, which is printed in the 2024 catalog.



## 30.2PTP Performa Winch

The 30.2PTP is the newest and smallest two-speed winch we make. It was developed to deliver a step up in grunt for the increasingly powerful Mini fleet. Small size...big power the 30.2PTP has a sort of split personality.



Part No.	Drum (D) in mm	Ø		Height (H) in mm	Weight lb kg	Line entry height (LE) in mm		Line Ø in mm		Fastener circle in mm		Fasteners (SH or HH) in mm		Gear ratio			Power ratio							
		Base (B) in mm	Height (H) in mm			Min	Max	in	mm	in	mm	in	mm	1	2	3	1	2	3					
<b>Classic Plain-Top</b>																								
B6A	2 3/8	60	39/16	90	3 1/4	82	1.5	0.7	1 5/16	33	2 9/16	65	6 x 1/4 FH	6 x 6 FH	1				8.4					
B8A	2 11/16	68	4 1/2	115	3 9/16	90	2.4	1.1	1 1/2	38	3 9/16	90	4 x 5/16 FH	4 x 8 FH	1				7.5					
<b>Plain-Top</b>																								
20.2PTP	2 7/8	73	5 3/8	137	5 1/16	128	4.4	2	2 3/8	61	4 3/8	110	5 x 1/4*	5 x M6	1	2.76			6.95	19.2				
30.2PTP	2 7/8	73	4 3/4	120	5 3/8	137	5.1	2.3	3	76	1/4	6	1/2	12	4	100	5 x 1/4*	5 x M6	1.1	4.25		7.8	29.8	
35.2PTP	3 1/8	80	5 7/8	149	5 13/16	148	6.8	3.1	3 1/8	79				4 7/8	123	5 x 1/4*	5 x M6	2.13	5.65		13.50	35.90		
40.2PTP	3 1/8	80	6 3/16	157	6	153	7.7	3.5	3 1/4	82				4 7/8	123	5 x 1/4*	5 x M6	2.13	6.28		13.50	39.90		
46.2PTP	3 15/16	100	7 1/4	184	7 1/16	179	11.3	5.1	3 9/16	90				5 7/8	150	5 x 5/16	5 x M8	2.30	9.17		11.70	46.50		
50.2PTP	4 5/16	110	7 11/16	195	7 1/2	190	13	5.9	3 13/16	97				5 7/8	150	5 x 5/16	5 x M8	2.40	10.90		11.10	50.40		
<b>Self-Tailing</b>																								
20STP	2 7/8	73	5 3/8	137	5 13/16	148	5.3	2.4	2 3/8	61	1/4	6	1/2	12	4 3/8	110	5 x 1/4*	5 x M6	2.76				19.20	
30.2STP	2 7/8	73	4 3/4	120	6	152.4	5.3	2.4	2 3/10	59	1/4	6	1/2	12	4	100	5 x 1/4*	5 x M6	1.1	4.25		7.8	29.8	
35.2STP	3 1/8	80	5 7/8	149	6 11/16	170	7.9	3.6	3 1/8	79	5/16	8	1/2	12	4 7/8	123	5 x 1/4*	5 x M6	2.13	5.65		13.50	35.90	
40.2STP	3 1/8	80	6 3/16	157	6 7/8	175	8.4	3.8	3 1/4	82	5/16	8	1/2	12	4 7/8	123	5 x 1/4*	5 x M6	2.13	6.28		13.50	39.90	
46.2STP	3 15/16	100	7 1/4	184	7 15/16	202	11.5	5.2	3 9/16	90	5/16	8	9/16	14	5 7/8	150	5 x 5/16	5 x M8	2.30	9.17		11.70	46.50	
50.2STP	4 5/16	110	7 11/16	195	8 5/16	212	13.2	6	3 13/16	97	5/16	8	9/16	14	5 7/8	150	5 x 5/16	5 x M8	2.40	10.90		11.10	50.40	
55.3STP	4 5/16	110	7 11/16	195	8 5/16	212	15.0	6.8	3 3/16	97	5/16	8	9/16	14	5 7/8	150	5x5/16	5xM8	1	2.40	11.85	4.3	11.10	55.20
60.2STP	4 3/4	120	9 5/16	236	9 11/16	246	22.5	10.2	4 9/16	116	5/16	8	5/8	16	8	204	6 x 5/16	6 x M8	4.80	14.4		20.30	61.00	
60.3STP	4 3/4	120	9 5/16	236	10	253	25.8	11.7	4 9/16	116	5/16	8	5/8	16	8	204	6 x 5/16	6 x M8	2.20	4.80	14.40	9.20	20.30	61.00
70.2STP	5 1/8	130	9 7/16	240	10 1/16	256	24.9	11.3	4 1/2	115	3/8	10	5/8	16	8 1/8	205	6 x 5/16	6 x M8	5.70	18.50		22.20	72.00	
70.3STP	5 1/8	130	9 7/16	240	10 3/8	264	28.3	12.8	4 1/2	115	3/8	10	5/8	16	8 1/8	205	6 x 5/16	6 x M8	2.30	5.70	18.50	9.00	22.20	72.00
80.2STP	6 7/8	175	11 5/16	287	12 9/16	320	46.8	21.2	6 7/16	164	3/8	10	11/16	18	9 3/16	233	8 x 3/8	8 x M10	9.94	32.12		28.85	93.24	
80.3STP	6 7/8	175	11 5/16	287	12 7/8	327	50.1	22.7	6 7/16	164	3/8	10	11/16	18	9 3/16	233	8 x 3/8	8 x M10	2.76	9.94	32.12	8.01	28.85	93.24
<b>Quattro</b>																								
40STQP	3 1/8**	80**	7 1/8	180	6 7/8	175	10.2	4.6	3 1/4**	82**	5/16	8	1/2	12	4 7/8	123	5 x 1/4*	5 x M6	2.13	6.28		13.50	39.90	
46STQP	3 15/16†	100†	8 1/2	218	7 15/16	202	13.7	6.2	3 9/16†	90†	5/16	8	9/16	14	5 7/8	150	5 x 5/16	5 x M8	2.30	9.17		11.70	46.50	

\*SH only. \*\*Refers to upper drum. Lower drum Ø = 154 mm (6 1/16"); line entry height = 24 mm (15/16").

†Refers to upper drum. Lower drum Ø = 188 mm (7 13/32"); line entry height = 24 mm (15/16").



## Maximum holding power for high-tech line

- Sandblasted drums and ribs optimized for halyard and sheeting applications using small-diameter, high-strength line.

## Trim and ease sails quickly and easily

- Patented angle of ribs drives line wraps down when easing to keep them on area of drum that provides best control.
- Transfer high loads to the winch with fewer wraps.

## High-strength, lightweight

- Lightweight aluminum drum features an integrated skirt.
- High-strength composite roller and ball thrust bearings reduce friction under load.
- Load-carrying gears and pins are 17-4 PH stainless steel for strength, corrosion resistance.

DO NOT use Harken equipment for human suspension unless product is specifically certified and labeled for such use.



BRS103/P

# Analog Switches

Harken offers simple, waterproof and leak-proof button designs for electric and hydraulic winches. The 2.0 generation range of analog buttons guarantees reduced dimensions below deck and a unique ease of installation in the line of Harken's electronic products and traditional buttons. In both cases the user orders two buttons for each winch.

## Analog Switches

\*\* Vertical motorization

Part No.	Description	Length		Width		Height		Weight	
		in	mm	in	mm	in	mm	oz	g
BRS102/S	Remote switch w/guard	2 11/16	68	2 11/16	68	13/16	21	10.4	295
BRS102/P	Remote switch w/guard	2 11/16	68	2 11/16	68	13/16	21	4.8	135
BRS103/P	Remote switch w/guard	2 3/16	56	2 11/16	68	13/16	21	4.2	120
BRS104/P	Remote switch w/guard	3 3/8	85	3	76	3/4	19	3.4	95

# Digital System Switches

Harken Digital System Switches in dual and single-function models set the standard for the reliable operation of electrically-powered yacht systems.

To accomplish this, safeguards have been built into the systems.

- Watertight seals are never exposed, eliminating potential damage from sun and prolonged use.
- The waterproof control buttons are controlled by digital electronics capable of activating the control box that drives the device to be operated, preventing involuntary activation caused by water infiltration, short circuits, or damage to the cables.
- Underneath each control button, two command switches must work in unison before a signal is sent.

Single-function buttons that are activated by foot are a brand-new product in the Harken electronic pushbutton line. They are digitally designed to make the operation safe and are waterproof with a compact design and backlit for navigation at night or in low light.

The possibility of operating these buttons even with the pressure exerted by the user's finger makes the product versatile for any type of navigation: for cruising or racing, the button is equipped with a folding cover which facilitates navigation operations and protects it from external exposure. The finger operation can occur both with the lid closed and with the lid folded. For this product, the user orders two buttons for each winch.



### Dual-function – Finger activation

Two-function control buttons housed in a single space-saving system — 1st/2nd gear for winches, up/down for anchors, in/out for furling.



### Single-function – Finger activation

Single control button — Pairs with the Harken UniPower single-speed winch used by cruisers.



Part No.	Description	Ø		Height		Weight	
		in	mm	in	mm	oz	g
<b>Dual-function</b>							
DSDBK1-ND	Dual function digital switch/1-2	3 1/8	79.6	1	25.5	4.23	120
DSDS1-ND	Dual function digital switch/1-2	3 3/16	80.5	1 1/32	26	4.59	130
DSDBK2-ND	Dual function digital switch/left-right or in-out	3 1/8	79.6	1	25.5	4.23	120
DSDS2-ND	Dual function digital switch/left-right or in-out	3 3/16	80.5	1 1/32	26	4.59	130
DSDBK3-ND	Dual function digital switch/up-down	3 1/8	79.6	1	25.5	4.23	120
DSDS3-ND	Dual function digital switch/up-down	3 3/16	80.5	1 1/32	26	4.59	130
<b>Single-function</b>							
DSSBK4-ND	Single function digital switch/black	3 1/8	79.6	1	25.5	4.23	120
DSSSS4-ND	Single function digital switch/stainless steel	3 3/16	80.5	1 1/32	26	4.59	130
DSFSBK-KIT	Single function digital foot switch/black (Pair, 1 & 2)	-	-	-	-	-	-
DSFSBK-1	Single function digital foot switch/black 1	2 3/4	69	12/16	21	3 3/16	81
DSFSBK-2	Single function digital foot switch/black 2	2 3/4	69	12/16	21	3 3/16	81
DSFSSS-KIT	Single function digital foot switch/stainless steel (Pair, 1 & 2)	-	-	-	-	-	-
DSFSSS-1	Single function digital foot switch/stainless steel 1	2 3/4	69	15/16	23	3 3/8	85
DSFSSS-2	Single function digital foot switch/stainless steel 2	2 3/4	69	15/16	23	3 3/8	85



# Air Captive

When the application makes them appropriate, our new Air captive winches provide the highest performance-to-weight ratio we've ever achieved in a captive reel winch. For the same pulling capacity and speed, Air captives weigh approximately 50% of our general-purpose models. To achieve these weight savings, they employ smaller diameter drums which are significantly lighter. The trade-off is that less line stays on those drums so they are best suited to applications where less line capacity is required—for instance sail controls or board activations rather than sheets. Importantly, this new design also requires application where the line can enter the line feeder from the front of the winch. This delivers less load to the feeder so that the feeder can be built lighter as well. Plus, the necessary mounting structure can be achieved without the weight of a baseplate.



## Power/Sheet Size Guide

Part No.	Maximum dynamic pull		Maximum holding load		Line Ø Min		Line Ø Max		Maximum pressure		Flow rate		Max line speed	
	lb	kg	lb	kg	in	mm	in	mm	PSI	bar	gal/min	L/min	ft/min	m/min
4T	8818.5	4000	11023	5000	.47	12	.63	16	2901	200	13.2	50	69.6	21.2
6T	13227.7	6000	19841.6	9000	.63	16	.87	22	2611	180	18.5	70	55.8	17
9T	19841.6	9000	29762.4	13500	.55	14	.87	22	3916	270	18.5	70	280.8	85.6
13.5T	29762.4	13500	34833	15800	.55	14	.87	22	5221	360	21.1	80	279.9	85.3
16T	35274	16000	41888	19000	.63	16	1.1	28	3191	220	31.7	120	224.5	68.5

## Hydraulic Motors

Maximum pressure		Flow rate		Max line speed	
PSI	bar	gal/min	L/min	ft/min	m/min
2901	200	13.2	50	69.6	21.2
2611	180	18.5	70	55.8	17
3916	270	18.5	70	280.8	85.6
5221	360	21.1	80	279.9	85.3
3191	220	31.7	120	224.5	68.5

Product not stocked. Contact Harken to request quote and lead time.

## 4T Active Line Storage

Captive length size	Line Ø 12 mm		Line Ø 14 mm		Line Ø 16 mm		Line Ø 18 mm	
	mm	ft m	ft m	m	ft m	m	ft m	m
420	40.7	12.4	34.1	10.4	32.2	9.8	27.9	8.5
520	54.8	16.7	45.9	14	43.6	13.3	37.7	11.5
620	69	21	58.7	17.8	55.1	16.8	47.6	14.5
720	83.3	25.4	70.2	21.4	66.3	20.2	57.4	17.5
920	111.5	34	94.2	28.7	88.6	27.0	77.1	23.5
1120	140.4	42.8	118.1	36	111.5	34	96.8	29.5

## 6T Active Line Storage

Captive length size	Line Ø 14 mm		Line Ø 16 mm		Line Ø 18 mm		Line Ø 20 mm	
	mm	ft m	ft m	m	ft m	m	ft m	m
530	36.4	11.1	34.5	10.2	29.5	9	27.6	8.4
630	51.22	15.6	46.9	14.3	41.3	12.6	38.4	11.7
730	65.6	20	60.4	18.4	52.5	16	49.2	15
830	80.4	24.5	73.8	22.5	64.6	19.7	60.4	18.4
930	95.1	29	87.3	26.6	76.4	23.3	71.2	21.7
1030	109.3	33.3	100.4	30.6	88.6	27	82	25

## 9T Active Line Storage

Captive length size	Line Ø 14 mm		Line Ø 16 mm		Line Ø 18 mm		Line Ø 20 mm		Line Ø 22 mm	
	mm	ft m	ft m	m	ft m	m	ft m	m	ft m	m
530	39.0	11.9	34.5	10.5	31.5	9.6	27.9	8.5	25.9	7.9
630	55.8	17.0	48.9	14.9	44.9	13.7	39.3	12.0	36.7	11.2
730	69.2	22.1	63.6	19.4	58.4	17.8	51.2	15.6	47.9	14.6
830	88.9	27.1	78.1	23.8	71.9	21.9	63.0	19.2	58.7	17.9
930	105.6	32.2	92.8	28.3	85.3	26.0	74.8	22.8	69.9	21.3
1030	122.0	37.2	107.3	32.7	98.7	30.1	86.6	26.4	80.7	24.6

## 13.5T Active Line Storage

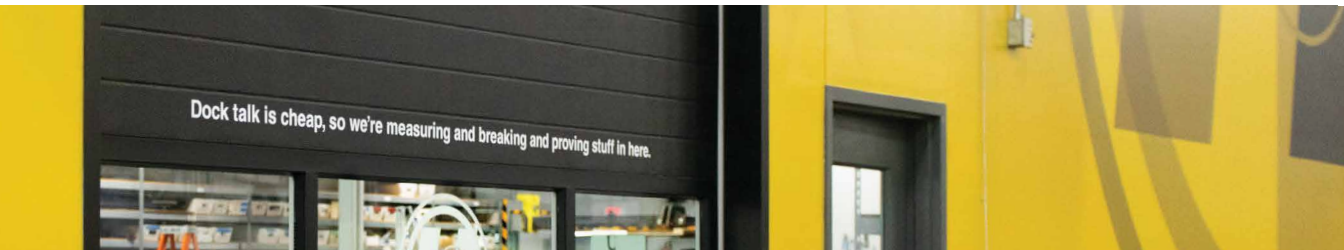
Captive length size	Line Ø 14 mm		Line Ø 16 mm		Line Ø 18 mm		Line Ø 20 mm		Line Ø 22 mm	
	mm	ft m	ft m	m	ft m	m	ft m	m	ft m	m
580	47.6	14.5	41.7	12.7	38.4	11.7	33.8	10.3	31.5	9.6
630	55.8	17.0	48.9	14.9	44.9	13.7	39.3	12.0	36.7	11.2
730	69.2	22.1	63.6	19.4	58.4	17.8	51.2	15.6	47.9	14.6
830	88.9	27.1	78.1	23.8	71.9	21.9	63.0	19.2	58.7	17.9
930	105.6	32.2	92.8	28.3	85.3	26.0	74.8	22.8	69.9	21.3
1030	122.0	37.2	107.3	32.7	98.7	30.1	86.6	26.4	80.7	24.6

## 16T Active Line Storage

Captive length size	Line Ø 16 mm		Line Ø 18 mm		Line Ø 20 mm		Line Ø 22 mm		Line Ø 24 mm		Line Ø 26 mm		Line Ø 28 mm	
	mm	ft m	ft m	m	ft m	m	ft m	m	ft m	m	ft m	m	ft m	m
830	87.9	26.8	78.7	24.0	71.9	21.9	64.6	19.7	62.7	19.1	58.1	17.7	53.2	16.2
930	106.3	32.4	95.1	29.0	86.6	26.4	78.1	23.8	75.8	23.1	69.9	21.3	64.3	19.6
1130	143.0	43.6	128.0	39.0	116.5	35.5	105.3	32.1	101.7	31.0	94.2	28.7	86.6	26.4
1330	179.4	54.7	160.8	49.0	146.3	44.6	132.2	40.3	128.0	39.0	118.4	36.1	108.6	33.1



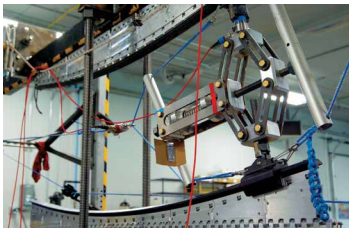
# HarkenLab



Without data, how can you be certain what your design will deliver? For years Harken has been investing in increased product testing capabilities of the HarkenLab facilities in our factories in Pewaukee and Italy.

They are evidence of an increasing commitment to documenting performance. We test design concepts even before we know they are commercially viable—just to learn. We test to be sure production products live up to our promises. We examine our tooling to make sure tolerances meet expectations. We test both our Marine and our Safety & Rescue products. Some of these products will later be further tested by independent bodies, but well before that, HarkenLab will overstress them first, just to help assure we pass those final tests. We have pull-tested hydraulics to 172,000 lbs on a test frame built to withstand 250,000 lbs. Indeed, we do not ship any hydraulic product until we have tested it to its maximum working load. Our winch test apparatus has pulled to 220,000 lbs.

Testing and learning are part of being At The Front for our customers. Our facilities are prepared to test at loads beyond anything yet requested. We welcome the next challenge.



[WATCH THE HARKENLAB VIDEO](#)



**SMALL BOAT BLOCKS**



**BIG BOAT BLOCKS**



**COMPLEMENTARY HARDWARE**



**TRAVELERS & GENOA LEADS**



**MAINSAIL HANDLING SYSTEMS**



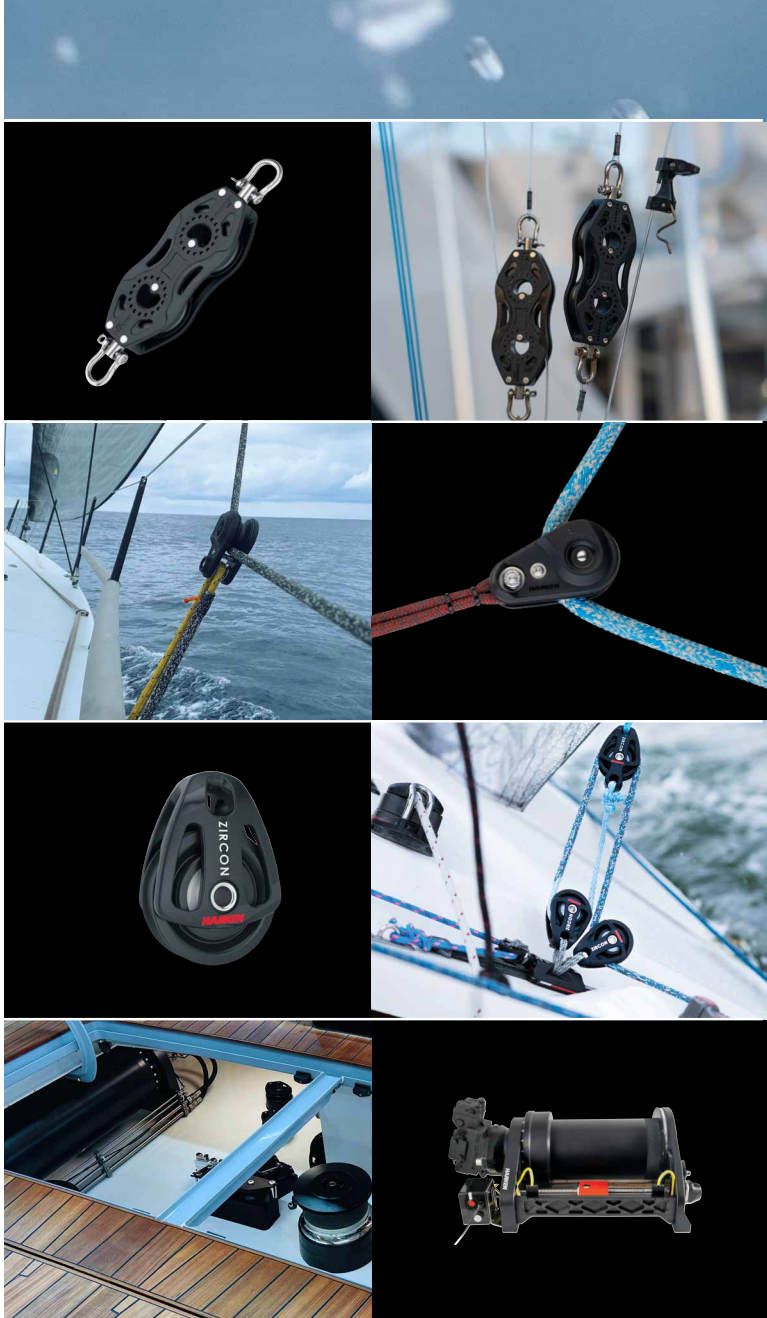
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