



Swan 65, 20.11 m (65.98'), Germán Frers design © Nautor Swan / Nico Martinez

PERFORMA WINCHES

Harken Performa winches combine the high-efficiency of the Radial line with the sandblasted grip of Harken carbon-fiber racing winches for powerful hybrids. Optimized to handle the high-strength line used on sport-boats and performance cruisers, Performa winches are a great solution for crew who don't wish to invest in carbon winches or who need racing winches in smaller sizes. Winches come in self-tailing, plain-top, or Quattro styles; manual, electric (12- or 24-volt), or hydraulic drives. Available in sizes 20 to 80 to complement Harken's carbon line.



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.



Quattro model for boats requiring extremely fast winches

- Handles large asymmetrical spinnakers; power to trim genoa upwind.
- 2 speeds + 2 drum diameters = 4 line speeds.



Power-grip jaws shaped for easy line entry, optimum hold

- Narrow composite jaws ensure superior holding power on small-diameter, high-strength line.
- Lower jaw adjusts under line pressure; accepts a variety of line sizes.
- Teeth grip evenly with or without load.



Simple to install, easy maintenance

- Patented mounting system for fast, one-person installation without removing drum.
- Snap-fit design keeps bearings captive when drum is removed for maintenance.
- Easy to disassemble for service on deck; socket, washer, and screw-top snap-fit together for mistake-free reassembly.
- Composite roller bearings don't require lubrication.

Adjustable stripper arm integrated into winch top for safer operation

- Stripper arm completely covers rotating winch top, preventing fingers and clothing from catching in moving parts.
- Adjusts to multiple positions after the winch is mounted to optimize line exit.
- Shaped to smoothly feed line in and out of self-tailing jaws.



Powered Options

- Electric: vertical-mount motors; horizontal-mount motors offered with right- or left-mount option.
- Hydraulic: vertical-mount motor.

Easy upgrade from manual to power

- Manual winches easily convert to powered using patented conversion method.
- No adapter plate required; identical stud pattern to mount winches of the same size without drilling new holes in deck.

- A predrilled hole in deck by builder simplifies manual-to-electric conversion; removable gaskets offered to seal holes until upgrade is made.

Energy-efficient motors accomplish more work per unit of electricity consumed

- Motors attach to central drive shaft and drive through winch gears for two-speed mechanical advantage.
- Low-power first gear for fast trimming; higher-power second gear for fine-tuning loaded sheets.

- Efficient design allows smaller motor size.

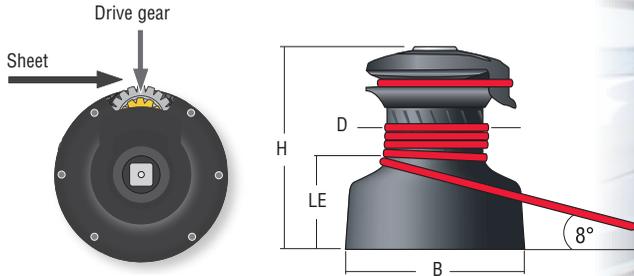
Manual override in case of power loss

- Harken locking handle inserted into an unloaded winch automatically disconnects motor gear for manual operation.



Performa Winches

About Performa winches: see feature pages at beginning of this section.



CLASSIC PLAIN-TOP



PLAIN-TOP

Use plain-top winches on sportboats where sails require frequent trimming. Plain-top winches are best handled by two crew—one to trim and one to tail the line.

SELF-TAILING

Self-tailing winches have narrow composite jaws to ensure superior holding power on small-diameter line. The self-tailing mechanism on the winch means that one crew member can quickly and easily trim or raise sails.

QUATTRO

Use Quattro models for boats requiring extremely fast winches. Quattros handle large asymmetrical spinnakers and provide power to trim genoa upwind. 2 speeds + 2 drum diameters = 4 line speeds.



Part No.	Ø		Base (B)	Height (H)	Weight	Line entry height (LE)	Line Ø		Fastener circle	Fasteners (SH or HH)	Gear ratio			Power ratio									
	in	mm					in	mm			in	mm	in	mm	1	2	3	1	2	3			
Classic Plain-Top																							
B6A	2 3/8	60	3 9/16	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					
Plain-Top																							
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				
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				
Self-Tailing																							
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			
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		
50.3STP	4 5/16	110	7 11/16	195	8 5/16	212	15.0	6.8	3 13/16	97	5/16	8 9/16	14	5 7/8	150	5 x 5/16	5 x M8	1	2.40	10.90	4.62	11.10	50.40
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
Quattro																							
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").