

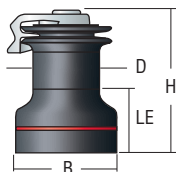
# Classic Large Cruising & Megayachts

Wide body self-tailing winches are used to trim and raise sails on the largest yachts. They are generally used with pedestal, electric, or hydraulic drives. The large diameter drums provide extra surface area for holding extremely high loads and also offer high-speed retrieval of line when sheeting.

The B980ST and B990ST are offered as either two- or three-speed winches. The B1110ST and the B1130ST are three-speed winches. The B1140ST is a three-speed winch with backwind designed for use on megayachts. It allows the winch drum to turn in a counterclockwise direction to ease loads on the winch before the sheet is released.



B980.2ST  
B980.3ST



## Ordering Information:

Specify material by adding letter code to part number. See chart for availability. For underdeck drive add UD to the part number.



### Letter Code

**1st letter: Base, 2nd letter: Drum, 3rd letter: Top**

- A** Aluminum base, drum and top
  - C** Aluminum base, chromed bronze drum, aluminum top
  - GGG\*** Grey-anodized aluminum base, drum and top
  - ASA\*** Aluminum base, stainless drum, aluminum top
  - SSS\*** Stainless steel base, drum and top
  - BBB\*** Polished bronze base, drum and top
- \*A = Aluminum, B = Polished Bronze, C = Chromed Bronze, G = Grey-anodized Aluminum, S = Stainless Steel



B990.2ST  
B990.3ST



B1110ST

Part No.	Material						Gear ratio			Power ratio			Fastener circle		Fasteners	
	A	C	GGG	ASA	SSS	BBB	1	2	3	1	2	3	in	mm	in	mm
B980.2ST	✓	✓	✓	✓	✓	✓	7.3:1	27.8:1	—	21.2:1	<b>80.7:1</b>	—	8 <sup>7</sup> / <sub>16</sub>	225	6 x <sup>3</sup> / <sub>16</sub> FH	6 x 10 FH
B980.3ST	✓	✓	✓	✓	✓	✓	2.75:1	7.3:1	27.8:1	8:1	21.2:1	<b>80.7:1</b>	8 <sup>7</sup> / <sub>16</sub>	225	6 x <sup>3</sup> / <sub>16</sub> FH	6 x 10 FH
B990.2ST	✓	—	✓	✓	—	—	9.9:1	40:1	—	24.8:1	<b>100:1</b>	—	9 <sup>3</sup> / <sub>16</sub>	233	8 x <sup>3</sup> / <sub>16</sub> SH	8 x 10 SH
B990.3ST	✓	—	✓	✓	—	—	1:1	9.9:1	40:1	2.5:1	24.8:1	<b>100:1</b>	9 <sup>3</sup> / <sub>16</sub>	233	8 x <sup>3</sup> / <sub>16</sub> SH	8 x 10 SH
B1110ST	—	—	—	✓	✓	—	1:1	9.43:1	43.6:1	1.8:1	17.2:1	<b>79.4:1</b>	10 <sup>23</sup> / <sub>32</sub>	272	8 x <sup>3</sup> / <sub>16</sub> SH	8 x 10 SH

Part No.	Drum (D)		Base (B)		Height (H)		A/GGG		C		Weight ASA		SSS		BBB		Line Ø		Line entry height (LE)			
	in	mm	in	mm	in	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	in	mm	in	mm	in	mm
B980.2ST	6 <sup>7</sup> / <sub>16</sub>	175	10 <sup>7</sup> / <sub>16</sub>	265	11 <sup>13</sup> / <sub>16</sub>	300	60.5	27.4	76.1	34.4	87.1	39.5	88.4	40	92.6	42.0	<sup>3</sup> / <sub>16</sub>	10	<sup>13</sup> / <sub>16</sub>	20	5 <sup>13</sup> / <sub>16</sub>	148
B980.3ST	6 <sup>7</sup> / <sub>16</sub>	175	10 <sup>7</sup> / <sub>16</sub>	265	11 <sup>13</sup> / <sub>16</sub>	300	62.8	28.5	78.2	35.4	89.3	40.4	—	—	92.6	42.0	<sup>3</sup> / <sub>16</sub>	10	<sup>13</sup> / <sub>16</sub>	20	5 <sup>13</sup> / <sub>16</sub>	148
B990.2ST	8	203	11 <sup>1</sup> / <sub>32</sub>	280	11 <sup>9</sup> / <sub>16</sub>	294	43.2	19.6	—	—	57.5	26	—	—	—	—	<sup>7</sup> / <sub>16</sub>	11	<sup>3</sup> / <sub>4</sub>	19	5 <sup>31</sup> / <sub>32</sub>	151.7
B990.3ST	8	203	11 <sup>1</sup> / <sub>32</sub>	280	11 <sup>9</sup> / <sub>16</sub>	294	43.2	19.6	—	—	57.5	26	—	—	—	—	<sup>7</sup> / <sub>16</sub>	11	<sup>3</sup> / <sub>4</sub>	19	5 <sup>31</sup> / <sub>32</sub>	151.7
B1110ST	10 <sup>31</sup> / <sub>32</sub>	279	13 <sup>11</sup> / <sub>32</sub>	339	9 <sup>3</sup> / <sub>4</sub>	246.5	—	—	—	—	—	—	74.2	33.6	—	—	<sup>5</sup> / <sub>16</sub>	16	<sup>7</sup> / <sub>8</sub>	22	3 <sup>1</sup> / <sub>2</sub>	89

Carbon fiber available for base, self-tailing arm and top. Availability varies by winch. Contact Harken® for information