

## Electrical Accessories Selection Guide:

Use this guide to select the electrical accessories you require and to confirm that they are suitable for use with your chosen windlass or capstan unit.

After identifying your winch, follow steps 1 through 5 below. See also additional information on page 299.

### 1. Select Solenoid (when required)

	Windlass Model	Anchor Max	500VC	HRCFF 6/7/8	RC6	RC8-6	RC8-8	RC10-8	RC10-10	HRC10-8	HRC10-10	RC12-10	RC12-12	1000	1500	2500	3500
Part Number		500W	600W	600W	500W	600W	1000W	1000W	1200W	1000W	1200W	1200W	1200W	1000W	1200W	1500W	1200W
	<b>Reversing Solenoids</b>																
P100715	Reversing Solenoid 12V			(●)	(●)	(●)											
P11121	Reversing Solenoid 24V			(●)	(●)	(●)											
P19045	Reversing Solenoid 12V						(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)
P19046	Reversing Solenoid 24V						(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)
	<b>Single Direction Solenoids</b>																
SP1393	Single Direction 12V	●	●	Single Direction Solenoid may be used with windlass if dual direction operation is not required.													
SP1394	Single Direction 24V	●	●														
	(●) = part of the standard 12V or 24V windlass package      ● = optional extra																

### 2. Select Circuit Breaker/Isolator (recommended)

	Circuit Breaker	Anchor Max	500VC	HRCFF 6/7/8	RC6	RC8-6	RC8-8	RC10-8	RC10-10	HRC10-8	HRC10-10	RC12-10	RC12-12	1000	1500	2500	3500
P100789	40 Amp circuit breaker	24V	24V	24V	24V	24V											
P102903	70 Amp circuit breaker			12V	12V												
P100790	80 Amp circuit breaker	12V	12V			12V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
P100791	135 Amp circuit breaker						12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V

### 3. Select Switch or Combination of Switches (as required)

	Foot Switches	Anchor Max	500VC	HRCFF 6/7/8	RC6	RC8-6	RC8-8	RC10-8	RC10-10	HRC10-8	HRC10-10	RC12-10	RC12-12	1000	1500	2500	3500
P19001	Foot Switch With Chrome Bezel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
P19006	Foot Switch Covered (Black)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
P19007	Foot Switch Covered (White)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
P19008	Foot Switch Plastic Bezel	(●)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
P100735	Foot Switch Covered (Stainless Steel)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	<b>Compact Foot Switches</b>																
P104809	Foot Switch Covered (White)			●	●	●	●	●	●	●	●	●	●	●	●	●	●
P104810	Foot Switch Covered (Black)			●	●	●	●	●	●	●	●	●	●	●	●	●	●
	<b>Remote Panel (Up/Down)</b>																
P102938	Toggle Switch			●	●	●	●	●	●	●	●	●	●	●	●	●	●
P102983	Push Button			●	●	●	●	●	●	●	●	●	●	●	●	●	●
	<b>Hand Held Wired Roving Control</b>																
P102933	Roving Control Two Button			●	●	●	●	●	●	●	●	●	●	●	●	●	●
P102992	AA320 Roving Control Two Button			●	●	●	●	●	●	●	●	●	●	●	●	●	●
P102995	AA342 Roving Control Two Button			●	●	●	●	●	●	●	●	●	●	●	●	●	●
	<b>Hand Held Wireless Remote Control</b>																
P104816	RCM2 Two Button Radio Remote Control			●	●	●	●	●	●	●	●	●	●	●	●	●	●
P104817	RCM4 Four Button Radio Remote Control			●	●	●	●	●	●	●	●	●	●	●	●	●	●

### 4. Select Rode Counters (when desired)

P102939	AA150 Panel Mount Rode Counter Without Control Switch			●*	●	●	●	●	●	●	●	●	●	●	●	●	●
P102944	AA560 Panel Mount Rode Counter and Windlass Control			●*	●	●	●	●	●	●	●	●	●	●	●	●	●
P102945	AA570 Wireless Panel Mount Rode Counter and Windlass Control			●*	●	●	●	●	●	●	●	●	●	●	●	●	●
P102994	AA730 Wired Roving Control with Rode Counter			●	●	●	●	●	●	●	●	●	●	●	●	●	●
P102981	AA710 Wireless Remote Control with Rode Counter			●*	●	●	●	●	●	●	●	●	●	●	●	●	●

\* HRC sensor P102909 is required to fit a chain counter to the HRCFF6 and HRCFF8 windlasses

### 5. Select Sensor Cable Extension Packs for Rode Counters or Switches with Rode Counters (as required)

SP4154	2m (6.5 ft) Dual Installation Connection cable			●	●	●	●	●	●	●	●	●	●	●	●	●	●
SP4156	6.5 m (21 ft)			●	●	●	●	●	●	●	●	●	●	●	●	●	●
SP4157	15 m (49 ft)			●	●	●	●	●	●	●	●	●	●	●	●	●	●
SP4153	20 m (65 ft)			●	●	●	●	●	●	●	●	●	●	●	●	●	●
SP4155	Dual Installation *T* Connector			●	●	●	●	●	●	●	●	●	●	●	●	●	●
SP4192	Gender Adaptor (to join 2 sensor cables)			●	●	●	●	●	●	●	●	●	●	●	●	●	●

## Additional Anchoring Accessories Selection Guide Information

MAXSET Anchors			MAXSET Bow Rollers										
Stainless Steel	Galvanised	Anchor Weight	Satin Finish	Polished Finish	Anchor Weight	Chain Stoppers							
P105070	P105069	4kg/9lbs	P105070	P105069	4kg/9lbs	P104335	Economy 8mm -10mm (5/16"-3/8") chain						
P105055	P105000	6kg/13lbs	P105055	P105000	6kg/13lbs	P104372	Removable Levered Pawl 8mm (5/16") chain						
P105056	P105001	10kg/22lbs	P105056	P105001	10kg/22lbs	P104373	Removable Levered Pawl 10mm (3/8") chain						
P105057	P105002	16kg/35lbs	P105057	P105002	16kg/35lbs	P104374	Removable Levered Pawl 13mm (1/2") chain						
P105058	P105003	20kg/44lbs	P105058	P105003	20kg/44lbs	P104358	Height Matched 8mm/10mm (5/16"-3/8") chain						
P105059	P105004	25kg/55lbs	P105059	P105004	25kg/55lbs	P104359	Height Matched 10mm/13mm (3/8"-1/2") chain						
P105067	P105005	30kg/66lbs	P105067	P105005	30kg/66lbs	<b>Anchor Swivels</b>							
P105068	P105006	40kg/88lbs	P105068	P105006	40kg/88lbs	P104370	Stainless Steel 750 kg load 6mm-8mm (1/4"-5/16") chain						
<b>MAXCLAW Anchors</b>			<b>Bow Rollers</b>					P104371 Stainless Steel 1500 kg load 10mm-13mm (3/8"-1/2") chain					
P105060		5kg/11lbs	P104330	Hinged # 1 up to 8mm (5/16") chain					<b>Chain Snubbers and Tensioners</b>				
P105061		7.5kg/17lbs	P104331	Hinged # 2 up to 13mm (1/2") chain					SP3174 Snubbing Hook 6/7mm (1/4") chain				
P105062		10kg/22lbs	P104332	Fixed # 1 up to 8mm (5/16") chain					SP3175 Snubbing Hook 8mm (5/16") chain				
P105063		15kg/33lbs	P104333	Fixed # 2 up to 8mm (5/16") chain					SP3176 Snubbing Hook 10mm (3/8") chain				
P105064		20kg/44lbs	P104334	Fixed # 3 up to 13mm (1/2") chain					P101100 Adjustable Devil's Claw/Tensioner 13mm (1/2") chain				
P105065		30kg/66lbs	P104340	Extendable hinged up to 13mm (1/2") chain					<b>Crank Handles</b>				
P105066		40kg/88lbs	P104374	Fixed with anchor loop up to 13mm (1/2") chain					P103864 Short RC8, RC10 and RC12 windlasses				
							P103865 Long RC8, RC10 and RC12 windlasses						

## Installation and Maintenance

Maxwell provides a complete installation and maintenance manual with every windlass or capstan. This clear and detailed step-by-step guide, provides information on how and where to install your winch. Suggestions, practical tips and cautions provide a solid basis for usage and maintenance. These publications are available on the Maxwell website.

A good installation could mean the difference between your winch performing as it should or ending up causing you problems. Please ensure that you carefully read the Owner's Manual before installing and using your winch. Simple guidelines and advice such as greasing the clutch cones, using products such as CRC™ "soft seal" on the motor and electrical terminals and bedding the winch to the deck with a top quality marine sealant will ensure that you get years of trouble free use from your Maxwell Marine products. If in doubt, contact your nearest Maxwell dealer.

## Maxwell Three Year Warranty

Maxwell Marine provides a three year limited warranty on all windlasses, capstans and accessories for pleasure boat usage (with the exception of the AnchorMax which has a two year warranty) and a one year limited warranty for those systems used on commercial or charter vessels. Warranty, service and parts are available world-wide.

Contact your nearest Maxwell Marine office or check out the Maxwell Marine website:

[www.maxwellmarine.com](http://www.maxwellmarine.com) for a complete list of service centres, agents and distributors.



## www.maxwellmarine.com

Maxwell's ongoing commitment to customer service and technological excellence can be viewed online at [www.maxwellmarine.com](http://www.maxwellmarine.com).

This fully interactive and constantly evolving website features Maxwell's easy to use winch selection guide, cad drawings, product manual downloads and up-to-date technical information regarding the latest product developments and innovations.

You can register warranties on line, ask for technical advice, find out what boat shows we are attending and locate the Maxwell office, agent or distributor nearest you.

## Glossary

**Capstan** Often referred to as a drum, rope drum, or warping drum. The capstan is primarily used for hauling rope.

**Chain Stopper** Similarly, chain compressor. Located between the winch and bow roller. Secures chain and anchor and takes the load off the winch/windlass. Highly recommended for systems utilising all chain and for semi-automatic rope and chain systems.

**Free Fall** Release of the winch clutch mechanism allowing the anchor and rode (chain or rope and chain) to run out freely with no engagement of winch gearbox or motor.

**Gypsy** Often referred to as chainwheel or wildcat. A special wheel with pockets, to accommodate a specified chain size, for hauling up the chain and anchor. With automatic rope/chain systems the gypsy is designed to haul both rope and chain.

**Hauling** Often referred to as weighing or lifting. The operation of lifting the anchor and rode.

**Horizontal** Pertaining to the winch or windlass. Drive shaft, capstan and gypsy are positioned horizontally to the deck.

**Manual Override System** Often referred to as emergency crank system. A means of manually cranking the winch to haul in the rode and anchor should a failure occur in the motor, gearbox or power supply.

**Maximum Pull** Sometimes referred to as rated lift, stall load, or simply lift/pull. The maximum pull or lift load of the winch.

**Rode** The line that secures the boat to the anchor. This may consist of all chain, all rope, or a combination of rope and chain.

**Static Hold** The maximum load that the windlass can hold. It is not recommended that the windlass be used in this manner.

**Vertical** Pertaining to the winch or windlass. The drive shaft, capstan and gypsy are positioned vertically to the deck.

**Winch** A windlass driven by a hand or power-operated crank or gearbox. Often implies to pull or lift a weight by using a winch.

**Windlass** A machine for raising a weight by winding a rope and/or chain around a drum or chainwheel, driven by a crank, motor, etc.

**Working load** Often referred to as the normal working load or the typical lift of the winch. This is usually somewhere between 25% to 35% of the maximum pull or rated lift. This workload should approximately correspond to the total weight of the anchor and rode aboard the boat.

