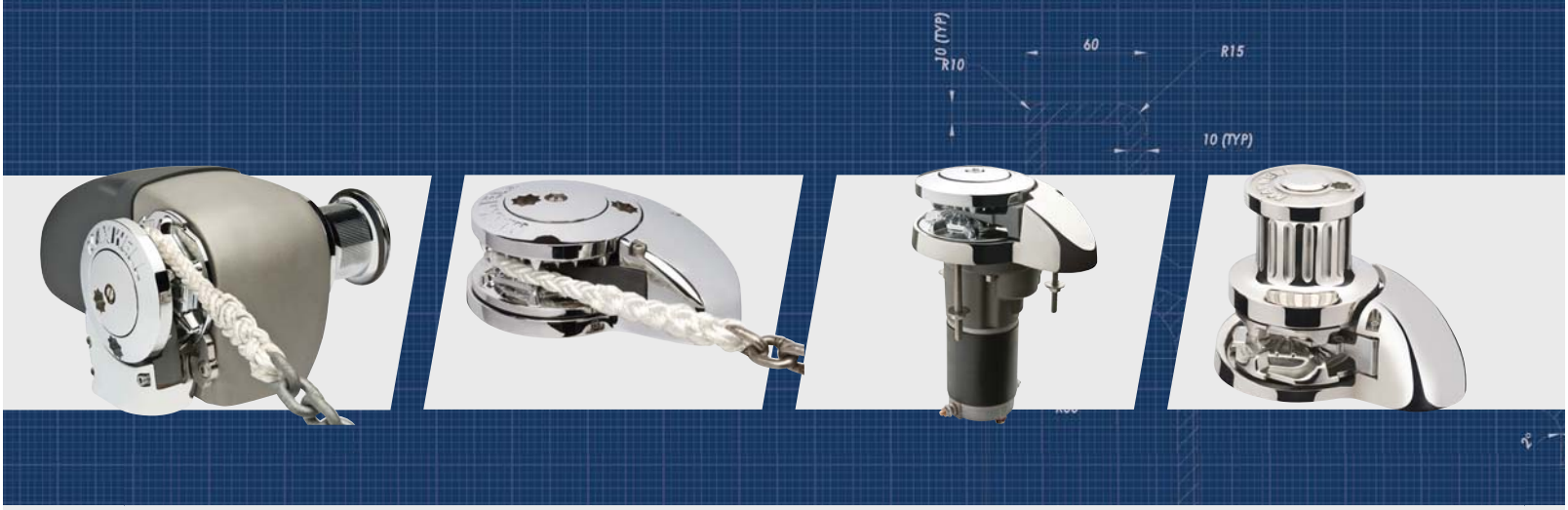
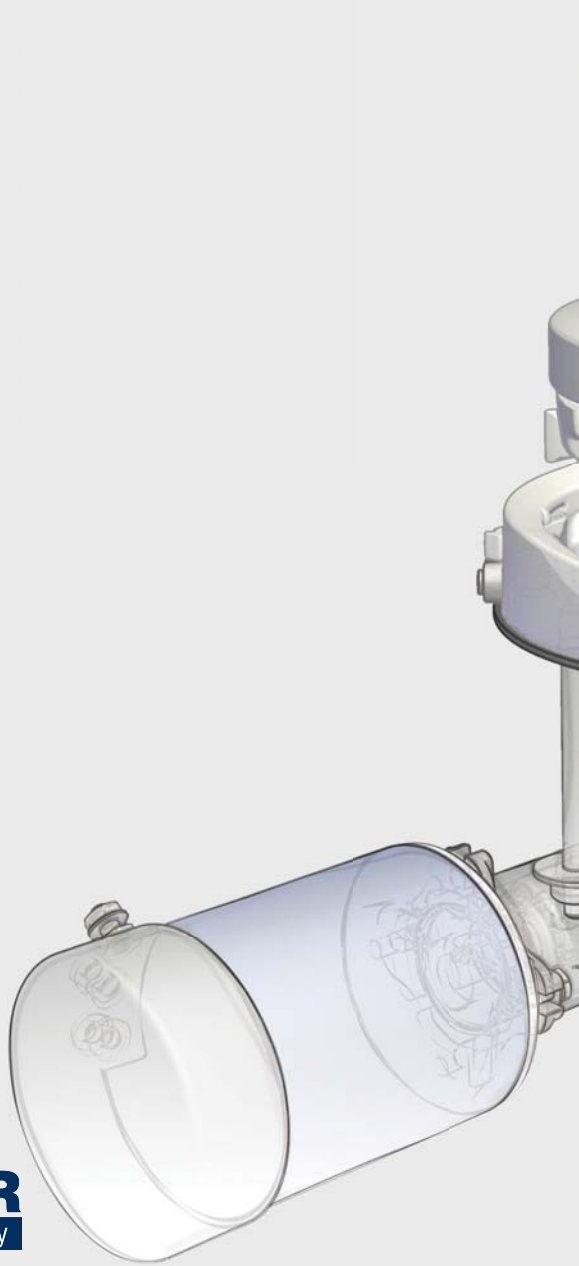
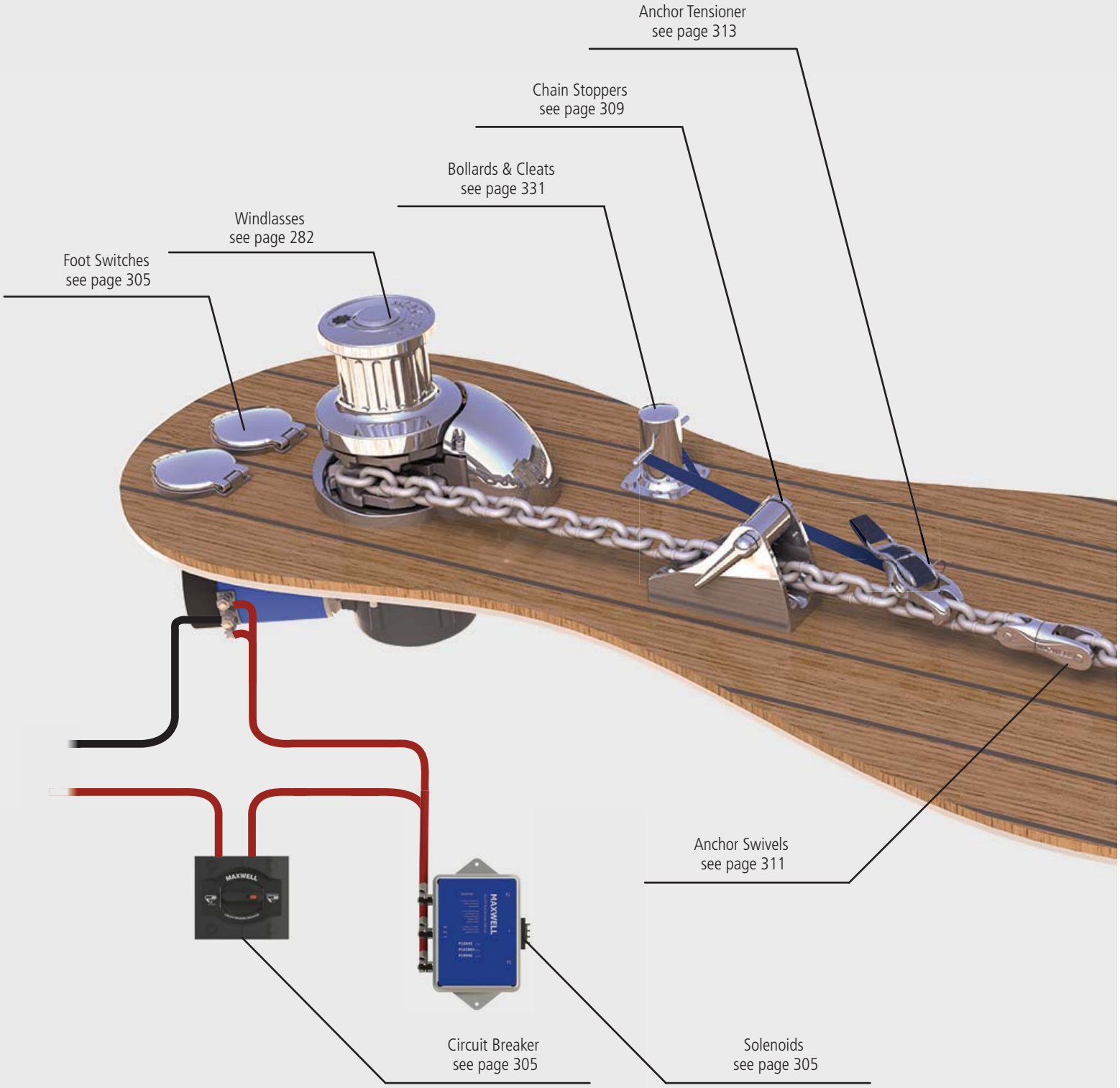




3YEAR
Limited Warranty

3 year warranty
(In accordance with the Maxwell warranty and service conditions)



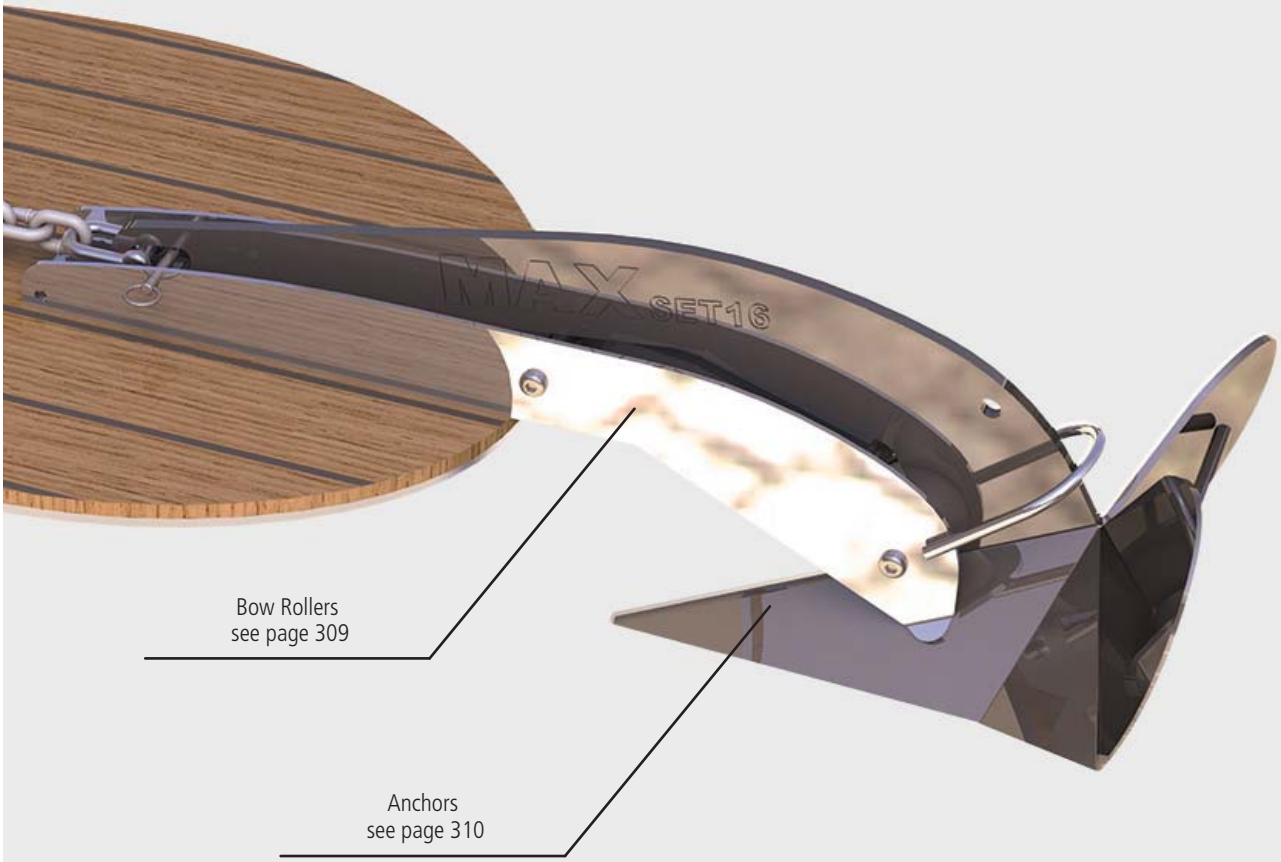
Maxwell Anchoring Solutions

A carefully selected and properly installed anchoring system aboard your boat is of paramount importance in ensuring the safety of your vessel and crew.

There are a number of factors involved in selecting the correct windlass and other ancillary anchoring equipment specifically suited to your type of boat. On the following pages you will find a simple to follow guideline and selection chart to guide you through the windlass and/or capstan selection process.

Every boat is unique and what may be suitable on a 15 metre power boat may not be appropriate for a 49" (15 metre) sail boat. If you plan to use an all chain rode you will need to consider options that may be different than if you are using a combination rope/chain rode.

You must consider whether a vertical windlass (with or without optional capstan) or a horizontal windlass is your best option. On larger vessels, two windlasses (port and starboard) are often installed and, in addition, these larger vessels frequently fit stern handling capstans.



Ancillary anchoring equipment such as footswitches, helm station controls, rode counters, dual direction solenoids, circuit breaker/isolators, chain stoppers and swivel shackles are other key components of a total anchoring equipment solution. Details regarding all these items will be found on the following pages.

Once you have ascertained and purchased the anchoring equipment which best suits your vessel, proper installation and regular routine servicing are essential for years of trouble free use. A suitable battery and proper wiring are crucial for optimum performance of your windlass and/or capstan.

Maxwell can provide the ideal anchoring equipment solution for any vessel. Maxwell's world-wide network of distributors and agents offer free and helpful advice should you have any questions.

Alternatively, a wealth of additional information can be found on Maxwell's website: www.maxwellmarine.com.

Maxwell Product Innovation

Maxwell equipment is born of innovation and backed by years of experience in the manufacture of the world's highest quality anchor windlasses, ancillary deck gear and stern handling products.

Maxwell's Compact Foot Switches

Maxwell's innovative approach to design resulted in the introduction of automatic rope/chain windlasses to the global marine market during the mid 1990's. These were a radical departure from all other windlasses, revolutionary in design and technical features. Building on the success of these products, Maxwell designed and developed an exciting RC range of automatic rope/chain windlasses. Maxwell broke the design barriers with the development of a vertical and horizontal rope/chain windlass range incorporating two unique and internationally patented features. The RC and HRC Series attest to Maxwell's ongoing commitment to innovative design and development.

Maxwell continues to evolve its existing range of proven windlasses and capstans. The RC12 is the culmination of Maxwell's evolution of a full range of automatic rope/chain windlasses suitable for use on vessels from 15 feet (4.5 metres) to over 75 feet (22 metres).

Maxwell's ongoing committment to product development can also be seen in the upgrading of their 'traditional' and continually popular vertical VWC Series. Stalwarts since the early nineties, the VWC windlasses were always great performers and now, with advanced engineering features incorporated into their improved designs, they work even better.

Maxwell recognises that boat owners not only want equipment that works flawlessly, they want products that look good as well. To this end, Maxwell designers spend countless hours improving the look, functionality and robustness of all Maxwell products, as well as introducing new and highly innovative products such as the popular HRCFF6, HRCFF7, HRCFF8, HRC10, RC6, RC8, RC10 and RC12 Series.

With an ongoing commitment to excellence, product innovation, research and development, you can count on Maxwell to secure your investment!

HRCFF6-7-8

The compact HRCFF6, HRCFF7 and HRCFF8 are Maxwell's horizontal versions of their innovative vertical RC6 and RC8 automatic rope/chain windlasses. Packed with original and proven features, such as automatic 'Free Fall' and including the patented rode management technology developed by Maxwell, the new HRCFF6, HRCFF7 and HRCFF8 have become industry icons.

RC12

The evolutionary RC12 Series incorporates Maxwell's stylish innovation in automatic rope/chain technology. Retaining the classic open design styling more appropriate on larger boats, the RC12 Series represents the next generation of rope/chain windlass evolution in every respect.

HRC10

Maxwell's HRC10 Horizontal Series represents yet another breakthrough in performance and anchor handling excellence. These horizontal, fully automatic rope/chain windlasses have been designed to meet the demands for use on larger vessels up to 52 feet (16 metres), which require a completely above deck installation system. The HRC10's flawlessly handles rope up to 5/8" (16 mm) and chain up to 3/8" (10 mm) in size, including the thick rope to chain splice. The modern appearance of the HRC10 Series retains the classic good looks of previous Maxwell horizontal windlasses, while incorporating design features years ahead of its competitors.

An Introduction to Maxwell's Products

To make the proper selection in anchor-handling equipment it is important to give careful consideration to the style and size of boat, the anticipated anchoring conditions, and the weight and type of ground tackle. (Refer to 'Which Winch' article on page 283). Maxwell has an extensive range of windlasses for all types of ground tackle, bow configurations, locker spaces and power requirements including:

- The vertical stainless steel RC Series and the horizontal HRC Series automatically handle rope/chain combination rodes and are suitable for boats from 15 feet (4.5 metres) up to approximately 75 feet (22 metres).
- The evolutionary RC12 Series automatically handles rope/chain combination rodes and is suitable for lighter displacement vessels up to approximately 80 feet (24 metres).
- The multipurpose VC (Vertical Capstan) Series, which can be used for all types of line handling.
- The traditional rope and chain VW (Vertical Windlass) Series, designed for manually handling a rope and chain combination anchor rode joined by a conventional shackle and eye splice. The exception being the hybrid VW10, see page 294.
- The VWC (Vertical Windlass/Capstan) and HWC (Horizontal Windlass/Capstan) Series, which handle chain only rodes automatically.

VERTICAL OR HORIZONTAL - MAXWELL OFFERS BOTH

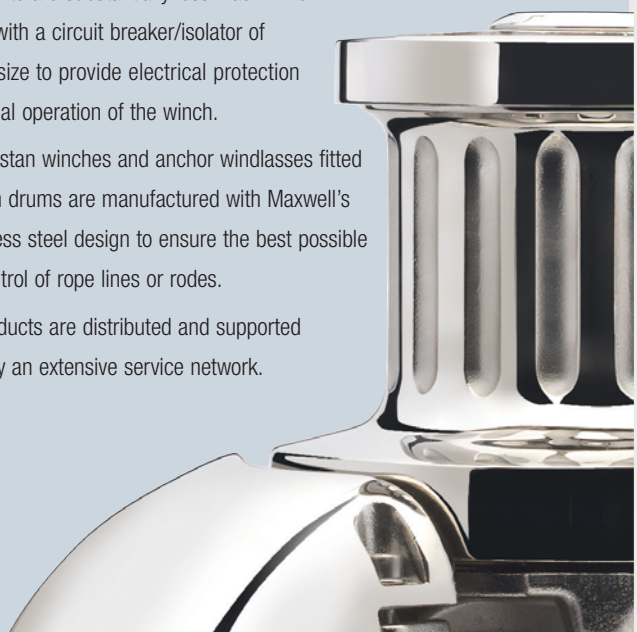
Vertical systems have several advantages: They take up less space on deck and are easier to maintain. They are less expensive than equivalent horizontal models. Chain, or rope/chain alignment with the bow roller, while not as critical as horizontal windlass alignment, should be within a tolerance of about +/- 2% for smooth retrieval of chain or rope/chain. Rode (rope/chain) alignment with RC Series winches is more critical (consult Owner's Manual). With vertical systems more chain is in contact with the chainwheel thus minimising the possibility of chain jump. Line-pull on the warping drum can be in any direction, as opposed to fore and aft only on horizontal models.

Horizontal models have the advantage of being better suited to applications where there is extreme deck thickness (over 8" - 200 mm), limited below deck accessibility or when two anchors must be handled from one winch.

Maxwell rates its anchor winches at the stall load. The loads that the winch will normally be subjected to are substantially less. Each winch is available with a circuit breaker/isolator of appropriate size to provide electrical protection during normal operation of the winch.

Maxwell capstan winches and anchor windlasses fitted with capstan drums are manufactured with Maxwell's fluted stainless steel design to ensure the best possible grip and control of rope lines or rodes.

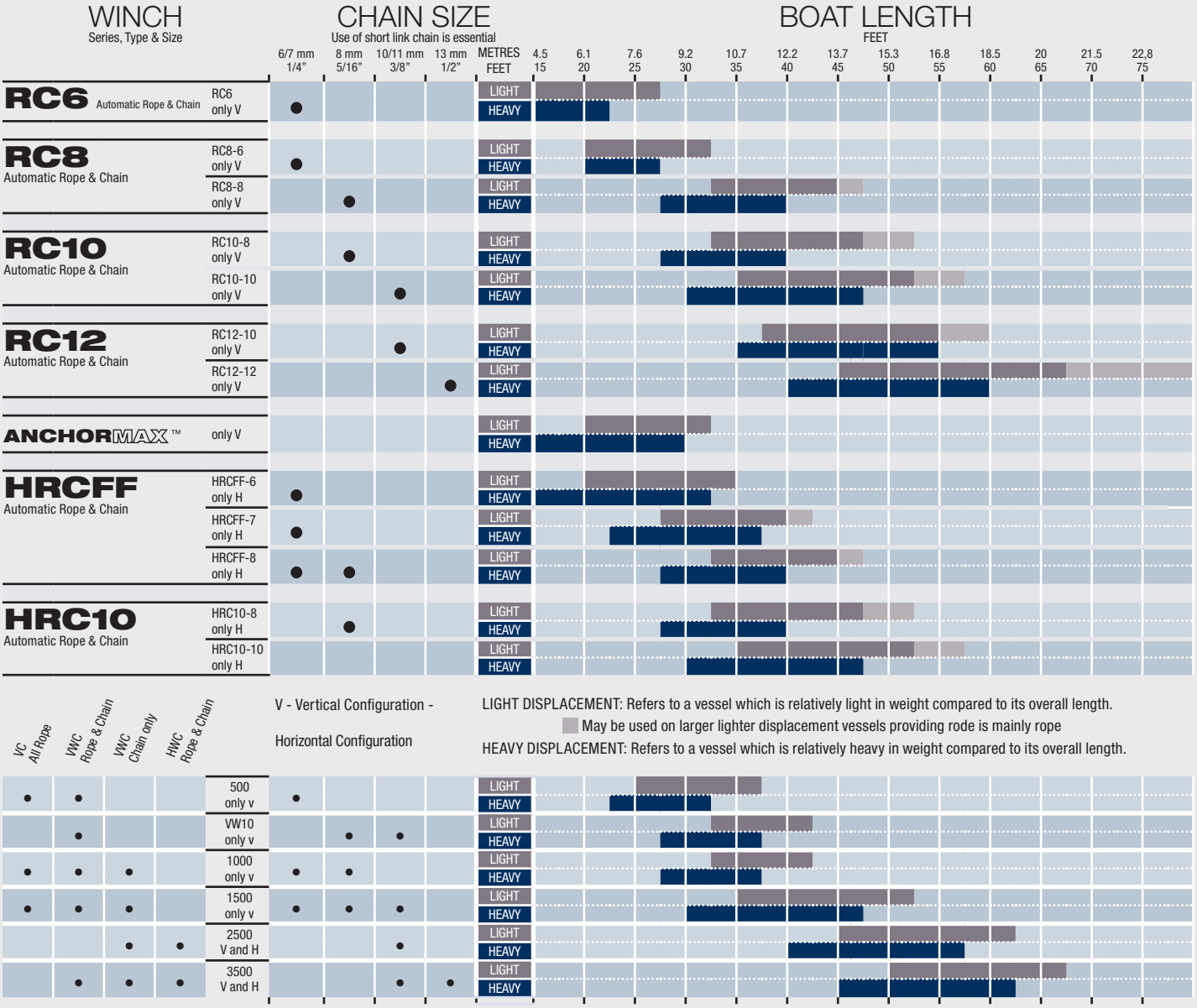
Maxwell products are distributed and supported worldwide by an extensive service network.



WINDLASS AND CAPSTAN SELECTION CHART

This chart serves as a basic guide to assist in selecting the appropriate anchor winch system for your boat.

Please note: Size, displacement and type of vessel, as well as anchoring conditions, must be taken into consideration when selecting an anchor winch. Vessels of heavy displacement and/or high windage will require larger windlasses. All systems assume the use of a chain stopper, chain snubber or mooring cleat to remove the load when setting or breaking the anchor loose. The maximum pulling capacity of the windlass should not be less than three times the total weight of the ground tackle. Should you require any assistance or information, please do not hesitate to contact Maxwell Marine or any of our distributors or service centres world-wide.



VC All Rope | VWC Rope & Chain | VWC Chain only | HWC Rope & Chain

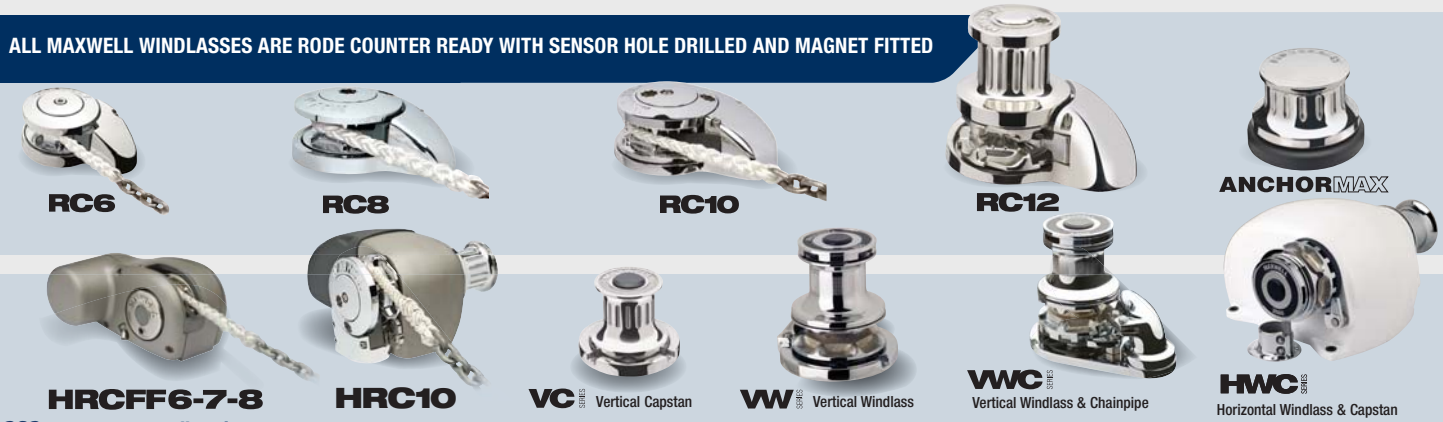
V - Vertical Configuration - Horizontal Configuration

LIGHT DISPLACEMENT: Refers to a vessel which is relatively light in weight compared to its overall length.
May be used on larger lighter displacement vessels providing rode is mainly rope
HEAVY DISPLACEMENT: Refers to a vessel which is relatively heavy in weight compared to its overall length.

•	•			500 only v	•			
	•			VW10 only v		•	•	
•	•	•		1000 only v	•	•		
•	•	•		1500 only v	•	•	•	
		•	•	2500 V and H			•	
	•	•	•	3500 V and H			•	•

This chart refers to anchor windlass selection only. When selecting a stern capstan for the same boat, Maxwell uses one size smaller drive, or down to a minimum of 50% of the pull rating of the windlass (unless specified otherwise)

ALL MAXWELL WINDLASSES ARE RODE COUNTER READY WITH SENSOR HOLE DRILLED AND MAGNET FITTED



WHICH WINCH? (Italicised items - refer to glossary, page 315)

There are a number of important criteria to be considered in selecting the correct anchor *winch*. These include the vessel size, displacement, windage, anchor size and *rode* selection. Practicalities such as locker space and depth of fall for the rode also play a part in deciding which *windlass* is ideal for you.

Maxwell Marine's range of windlasses and capstans is extensive, with models to suit boats up to 380 feet (120 metres). This section aims to simplify the selection process by taking you step by step through all the criteria that needs to be considered when choosing a windlass or capstan.

WHAT SIZE WINDLASS OR CAPSTAN FOR MY BOAT?

Consider the overall length and displacement (either light or heavy) of your boat and use the chart on the opposite page to identify the most suitable windlass or capstan for your vessel.

VERTICAL OR HORIZONTAL CONFIGURATION?

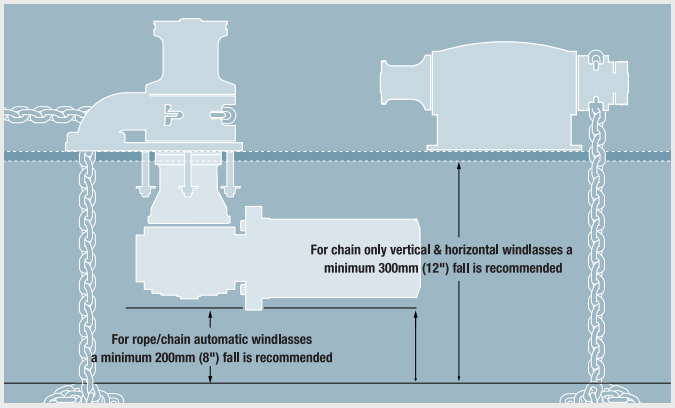
The two basic types of windlasses are differentiated by the drive shaft orientation. Deck thickness and underdeck space are the two main considerations when deciding which of the two types to fit.

Vertical windlasses make up the majority of anchor winch sales. They are characterised by situating the *capstan* and/or *gypsy* (topworks) above the deck and the motor and gearbox below. Vertical windlasses provide a 180^0 wrap of the anchor rode around the chainwheel giving optimal chain control, minimising slippage and jumping.

Horizontal windlasses are mounted completely above deck with gypsy and capstan located to either side. They provide a 90^0 wrap of the anchor rode around the chainwheel.

HOW MUCH SPACE DO I NEED IN MY CHAIN LOCKER?

Deck thickness and locker space play an important role in deciding whether to install a *vertical* or *horizontal* windlass. Estimating or measuring the depth of fall of the rode into the anchor locker may dictate which type of windlass is most suitable for your vessel. Calculating the depth of fall differs for horizontal chain only windlasses and for vertical chain or rope/chain windlasses (see diagram below).



Recommended minimum fall distances are measured from the top of rode pile (chain or rope/chain) after complete retrieval of the anchor.

RODE SELECTION

Rope and, particularly chain, selection is extremely important. Deciding on the right anchor winch for your boat depends on the size, not only of the boat, but also the ground tackle. Maxwell anchor winches and capstans are designed to take chain only, rope only or a combination of both. Automatic rope/chain systems are now commonly used on boats up to 75 feet (22 metres). Consequently, Maxwell's HRCFF6, HRCFF7, HRCFF8, HRC10, RC6, RC8, RC10 and the evolutionary RC12 automatic rope/chain systems have become increasingly popular, as they offer the added benefit of less weight in the bow with the ability to carry an increased amount of rode. Chain only systems remain popular on heavier displacement sail and motor yachts. There are two main types of anchor chain. Short link chain is most commonly used on small and medium sized boats while stud link chain is generally used on much larger vessels such as Superyachts. The latter is characterised by a stud (bar) joining the two sides of the link preventing them from deforming when overloaded. High test or calibrated short link chain should always be used. Long or regular link chain should not be used with anchor windlasses.

There are a wide variety of both metric (mm) and imperial (inches) chain sizes available and these will have bearing on your final windlass decision. It is important that the right size and right grade of chain is used to ensure a correct fit of the links to the gypsy. If the chain is not matched to the chainwheel problems may occur, such as the chain jumping off the gypsy or the chain jamming as it will not feed smoothly through the chain pipe. As chain to chainwheel compatibility is so important, Maxwell Marine supplies chainwheels to fit just about every known chain available on today's international market.

DC, AC OR HYDRAULIC?

The wattage of a DC electric motor is not the important factor. Rather it is the efficiency of the whole winch, including the gearbox and motor, which counts. With the increasing popularity of powerful and compact on-board generators, AC powered winches are becoming a practical consideration for bigger boats. Hydraulic systems provide another power source well worth considering as they have the advantage of constant speed under all load conditions and can be run almost constantly while coupled with safe guards such as pressure relief valves. Modern hydraulic systems offer an integrated, low maintenance and efficient, centrally managed, power pack.

WHAT PULL CAPABILITY WILL I NEED?

The only meaningful way to rate anchor winch performance is by looking at what it will lift and at what speed. The two things to consider are (a) the *maximum pull* capability and (b) the *working load* of the winch. Maximum pull (sometimes referred to as stall load) is the maximum short term or instantaneous pull of the winch. Working load is generally rated at about one third of the maximum pull and is usually considered to be the load that the winch is pulling once the anchor is off the bottom. To determine your required maximum pull capability, complete the calculation below.

1. Calculate ground tackle weight (anchor + chain + rope = ground tackle)

eg:	ANCHOR	+	18 m/60 ft CHAIN	+	61 m/200 ft ROPE	=	GROUND TACKLE
	30 kg/66 lbs		45 kg/100 lbs		12 kg/ 26 lbs		**87 kg/192 lbs**

2. Calculate the maximum pull (total ground tackle x 3 = Maximum pull)

Safety guidelines suggest that the pulling capacity of the windlass should not be less than 3 times the total weight of the ground tackle.

eg:	GROUND TACKLE	x 3 =	MAXIMUM PULL
	87 kg/192 lbs		**261 kg/576 lbs**

In this instance an **HRC8, HRC10, RC8, RC10, or VW1000** would be suitable, providing the chain and rope size is applicable to the windlass being considered. The maximum pull of 261 kg/576 lbs is well within the capability of all these anchor winches.

SAFETY AND SECURITY TIPS

Circuit breaker/isolators are used in the installation of any DC electric windlass to provide protection to motor and cables should the windlass be overloaded. Accessories such as *chain stoppers* or chain snubbers must be used for safe anchoring, the avoidance of unintentional self-launching of the anchor and for the prevention of damage to your anchor winch. You should never anchor off your winch or use your winch to pull your boat to the anchor spot. The anchor winch is designed to lift a dead weight and should not be subjected to the strain of your boat riding at anchor. If you think the winch you are considering may be too small, then go to the next size up. Better to have excess lifting capacity than not enough! **Maxwell Marine and their agents or distributors offer free and helpful advice should you have any questions. Alternatively, check out Maxwell's website: www.maxwellmarine.com**

RC6 Low Profile

Features and benefits

- The stainless steel (AISI 316) RC6 Series incorporates a chromed bronze chainwheel suitable for use with 1/4" (6 mm/7 mm) chain spliced to 1/2" (12 mm) three strand or 8-brait (plait) rope.
- The RC6 features Maxwell's revolutionary, and patented, Wave Design™ chainwheel. Refer below for more information about this innovative feature.
- Providing most of the features of the larger RC8 (refer pages 286 - 287), the RC6 has been designed with the smaller, trailer boat market in mind.
- The in-line, vertical gearbox and motor means quick and easy installation by either the boat yard or the DIY aftermarket customer.
  - An inexpensive, high performance and great looking windlass; the RC6 is built for durability and years of trouble free use.
  - The RC6 is a Low Profile unit (no optional capstan drum).

RC6 showing, 'fast install', in-line vertical gearbox and motor

STANDARD EQUIPMENT REQUIRED FOR DUAL DIRECTION CONTROL

Dual Direction Solenoid (included)
Emergency 'free fall' activation lever (included)
Up/Down remote control panel (not included)
Circuit breaker/isolator panel (not included)

OPTIONS

1. AutoAnchor™ Equipment
2. Compact Remote
3. Foot Switches
4. Chain Stopper
5. Chain Snubber

Every Maxwell RC6 automatic rope/chain windlass comes with top works, gearbox, motor and dual direction solenoid. Switches and circuit breaker are available and need to be ordered separately. Refer chart on page 314.

Important: **Maxwell windlasses must be used in conjunction with a chain stopper or alternative snubbing device to take the load off the windlass while laying at anchor. The chain stopper and alternative snubbing system should also be used to secure the anchor in the fully raised position while under way.**

3 YEAR Limited Warranty

The stainless steel (AISI 316) RC6 automatic rope/chain anchor winch is Maxwell's smallest version in the highly successful vertical RC Series Windlass Range.

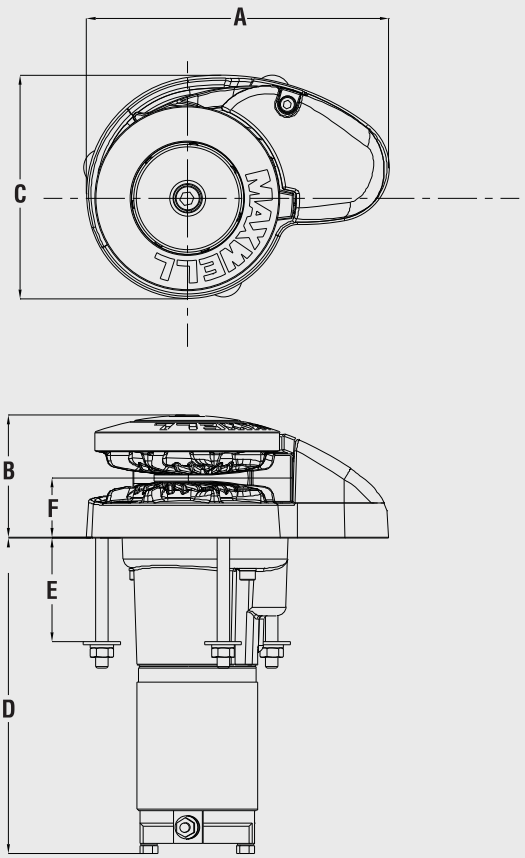
SPECIFICATIONS

Model	RC6
Maximum Pull/Lift	770 lbs 350 kg
Static Hold	1540 lbs 700 kg
Chain Short Link	1/4" 6 mm/7mm
Rope Size (Nylon)* (3 strand or 8 plait recommended)	1/2" 12 mm
Chain Speed (Anchor Retrieval)	79 ft/min 24 m/min
Rope Speed (Anchor Retrieval)	69 ft/min 21 m/min
Power Supply (DC)	12 or 24 V
Motor Power	500 W
Net Weight	18.7 lbs 8.5 kg

* refer to owners manual for rope size variations.

DIMENSIONS

Model	RC6
A	7 3/4" 196 mm
B	3 3/16" 80 mm
C	5 3/4" 145 mm
D	8 1/4" 209 mm
E	2 1/2" 65 mm
F	1 9/16" 39 mm



MAXWELL'S REVOLUTIONARY CHAINWHEEL

Maxwell lead the market yet again in innovative thinking when they introduced the Wave Design™ chainwheel. This patented rope/chain wheel incorporates two unique design concepts that greatly improve the handling and control of the rope/chain spliced rode. The outer ribs of the chainwheel are angled slightly forward ensuring that the rope and the chain are smoothly guided in the wheel during anchor retrieval.

As the rope pulls into the wheel, the opposite facing inner ribs grip the rope in an undulating manner, securing the rope more firmly in a 'wave pattern' action that is far superior to the traditional 'jam cleat' manner of holding the rope compared to all other products on the market. Not only does this Wave Design™ hold the rope more securely, it is also kinder on the rope resulting in increased longevity of your anchor rode.

McLAY BOATS' 690

3YEAR Limited Warranty

RC8 Low Profile Version

- Unique spacer tube design allows installation through virtually any deck thickness and the multiple mounting positions and self aligning gearbox ensure optimal location of gearbox and motor in virtually all installation situations.
- The RC8 features Maxwell's revolutionary, and patented, Wave Design™ chainwheel. Refer RC6 page 285 for more information about this innovative feature.
- The heavy duty stainless steel (AISI 316) pressure arm is designed to effectively help grasp the rope/chain splice, giving the RC8 an unparalleled level of performance. In combination with a heavy duty, large wire diameter, stainless steel pre-loaded spring, the pressure arm always exerts maximum control pressure.
- The RC8 works just as effectively with all-chain rodes.
- Huge, through deck hawse pipe throat ensures easy entry of the rope/chain rode into and out of the anchor locker.
- Full disassembly capability of the topworks utilising only the handle provided and an Allen key.
- Manual override and 'Free Fall', using the emergency crank/clutch handle provided.
- Sealed oil bath and marine-grade hard anodised, alloy gearbox provides maximum output via a precision worm and worm wheel.

Features and benefits

- The stainless steel (AISI 316) RC8-6 Series incorporates a chromed bronze chainwheel, designed to effortlessly retrieve and deploy 1/4" (6 mm/7 mm) chain spliced to 1/2" (12 mm) three strand or 8-brait (plait) rope.
- The more powerful RC8-8 can be used with 5/16" (8 mm) chain spliced to 5/8" (16 mm) three strand or 8-plait rope.
- The ingenious Wave Design™ rope/chain gypsy (chainwheel) is able to accommodate a wide range of chain pitch differences within the specified chain size diameters suitable for use with the RC8 Series.
- A sleek, Low Profile version and a fluted stainless steel capstan drum version, are available.
- Simple two piece installation saves time and money and allows easy retrofitting without disassembly of the windlass.

RC8

SPECIFICATIONS

Model	RC8 (1/4" -6/7 mm)	RC8 (5/16"-8 mm)
Maximum Pull/Lift	770 lbs 350 kg	1320 lbs 600 kg
Static Hold	2640 lbs 1200 kg	2640 lbs 1200 kg
Chain Short Link	1/4" 6 mm/7mm	5/16" 8 mm
Rope Size (Nylon)* (3 strand or 8 plait recommended)	1/2" 12 mm	9/16"-5/8" 14 mm-16mm
Chain Speed (Anchor Retrieval)	92 ft/min 28 m/min	105 ft/min 32 m/min
Rope Speed (Anchor Retrieval)	79 ft/min 24 m/min	92 ft/min 28 m/min
Power Supply (DC)	12 or 24 V	12 or 24 V
Motor Power	600 W	1000 W
Net Weight	27.5 lbs 12.5 kg	36.3 lbs 16.5 kg

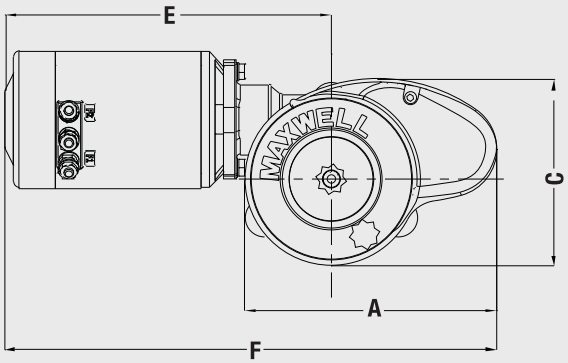
* refer to owners manual for rope size variations.

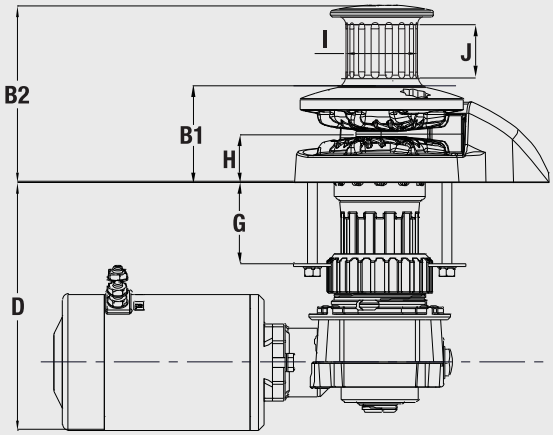
DIMENSIONS

Both Models	RC8 (1/4"-6/7 mm)	RC8 (5/16"-8 mm)
A	8 5/16" 210 mm	8 5/16" 210 mm
B1	3 5/16" 83 mm	3 5/16" 83 mm
B2 (with Capstan)	5 3/4" 146 mm	5 3/4" 146 mm
C	6 3/16" 156 mm	6 3/16" 156 mm
D	7 7/8" 200 mm	8 1/4" 208 mm
E	9 5/8" 245 mm	10 3/4" 272 mm
F	15" 383 mm	16 1/4" 410 mm
G (Std deck clearance) ^	2 1/2" 65 mm	2 1/2" 65 mm
H	1 5/8" 40 mm	1 5/8" 40 mm
I	2 5/8" 66 mm	2 5/8" 66 mm
J	1 3/4" 44 mm	1 3/4" 44 mm

^ extra deck clearance models available. Contact your Maxwell dealer.

The stainless steel (AISI 316) RC8 Series of automatic rope/chain anchor winches are Maxwell's mid-range models in the highly success RC Series Windlass Range



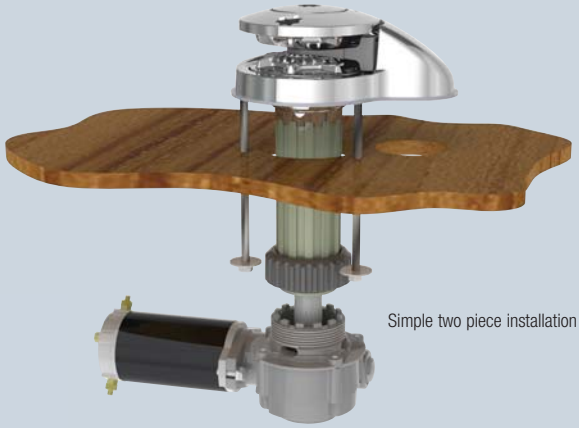


STANDARD EQUIPMENT REQUIRED FOR DUAL DIRECTION CONTROL

Dual Direction Solenoid (included)
Emergency crank/clutch release handle lever (included)
Up/Down remote control panel (not included)
Circuit breaker/isolator panel (not included)

OPTIONS

1. AutoAnchor™ Equipement
2. Compact Remote
3. Foot Switches
4. Chain Stopper
5. Chain Snubber
6. Capstan model



Simple two piece installation

Every Maxwell RC8 automatic rope/chain windlass comes with the top works, gear box, motor and dual-direction solenoid. Switches and circuit breaker are available and need to be ordered separately. Refer chart on page 314.

HEIGHT MATCHED CHAIN STOPPER

- For use with Maxwell's rope/chain vertical windlasses
- Height adjusted to most effectively align chain with the chainwheel
- No height adjustment plinth required
- Refer to page 309 for more information

Height Matched Chain Stopper

Important: **Maxwell windlasses must be used in conjunction with a chain stopper or alternative snubbing device to take the load off the windlass while laying at anchor. The chain stopper and alternative snubbing system should also be used to secure the anchor in the fully raised position while under way.**

RC10 Capstan Version

3YEAR Limited Warranty

RC10 Low Profile Version

Features and benefits

- The stainless steel (AISI 316) RC10-8 Series incorporates a chromed bronze chainwheel, designed to effortlessly retrieve and deploy 5/16" (8 mm) chain spliced to 9/16" (14 mm) or 5/8" (16 mm) three strand or 8-brait (plait) rope.
- The more powerful RC10-10 can be use with 3/8" (10 mm) chain spliced to 5/8" (16 mm) three strand or 8-brait (plait) rope.
- A sleek, Low Profile version and a fluted stainless steel capstan drum version, are available.
- Simple two piece installation saves time and money and allows easy retrofitting without disassembly of the windlass. Unique spacer tube design allows installation through virtually any deck thickness and the multiple mounting positions and self aligning gearbox ensure optimal location of gearbox and motor in virtually all installation situations.
- Full disassembly capability of the topworks utilising only the handle provided and an Allen key.
- The RC10 is manufactured from marine-grade 316 stainless steel and chromed bronze for long term durability. The heavy duty stainless steel pressure arm, coupled with the unique rope/chain gypsy, is designed to effectively grasp the splice between rope and chain, giving the RC10 an unparalleled level of performance.
- In combination with a heavy duty, large wire diameter, stainless steel pre-loaded spring, the pressure arm pivots on a trouble free bearing, thereby exerting maximum control pressure on the rode and splice.
- The RC10 works just as effectively with all chain rodes for those who desire a Low Profile, elegantly styled windlass on their foredeck.
- Huge, through deck hawse pipe throat ensures easy entry of the rope/chain rode into and out of the anchor locker.
- Cone type clutch/brake mechanism permits manual, 'Free Fall' anchoring.
- Sealed oil bath and marine-grade hard anodised, alloy gearbox provides maximum output via a precision worm and worm wheel.

SPECIFICATIONS

Model	RC10 (5/16" -8 mm)	RC10 (3/8" -10 mm)
Maximum Pull/Lift	1540 lbs 700 kg	1870 lbs 850 kg
Static Hold	3300 lbs 1500 kg	3300 lbs 1500 kg
Chain Short Link	5/16" 8 mm	3/8" 10 mm
Rope Size (Nylon)* (3 strand or 8 plait recommended)	9/16"-5/8" 14 mm - 16 mm	5/8" 16 mm
Chain Speed (Normal Working load)	79 ft/min 24 m/min	79 ft/min 24 m/min
Rope Speed (Normal Working load)	65 ft/min 20 m/min	65 ft/min 20 m/min
Power Supply (DC)	12 or 24 V	12 or 24 V
Motor (Watts)	1000 W	1200 W
Net Weight	42 lbs 19 kg	44 lbs 20 kg

* refer to owners manual for rope size variations.

DIMENSIONS

Model	RC10 (5/16" -8 mm)	RC10 (3/8" -10 mm)
A	9 1/8" 230 mm	9 1/8" 230 mm
B1	3 1/2" 89 mm	3 1/2" 89 mm
B2 (with capstan)	6 5/8" 168 mm	6 5/8" 168 mm
C	6 3/4" 170 mm	6 3/4" 170 mm
D	10" 251 mm	10" 251 mm
E	10 3/4" 272 mm	10 3/4" 272 mm
F	16 3/4" 424 mm	16 3/4" 424 mm
G (Std deck clearance) ^	4" 100 mm	4" 100 mm
H	1 3/4" 43 mm	1 3/4" 43 mm
I	2 5/8" 66 mm	2 5/8" 66 mm
J	1 3/4" 44 mm	1 3/4" 44 mm

^ extra deck clearance models available. Contact your Maxwell dealer.

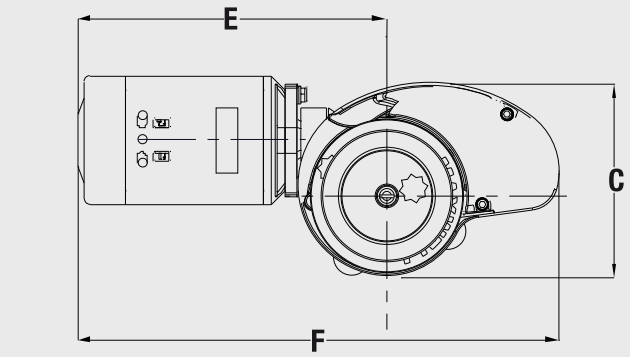
Important: Maxwell windlasses must be used in conjunction with a chain stopper or alternative snubbing device to take the load off the windlass while laying at anchor. The chain stopper and alternative snubbing system should also be used to secure the anchor in the fully raised position while under way.

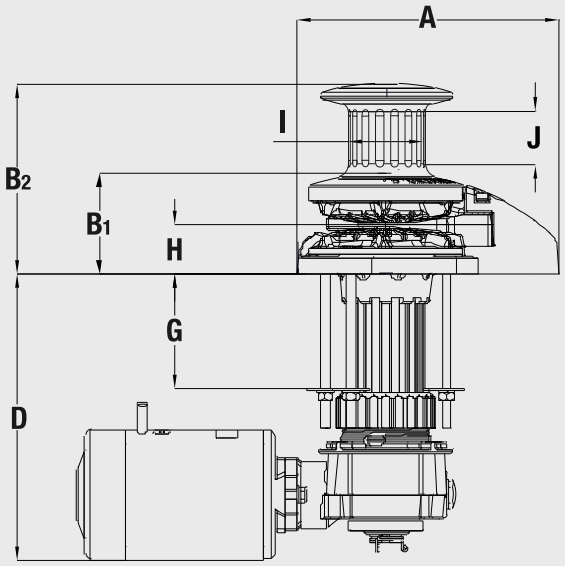
HEIGHT MATCHED CHAIN STOPPER

- For use with Maxwell's rope/chain vertical windlasses
- Height adjusted to most effectively align chain with the chainwheel
- No height adjustment plinth required
- Refer to page 309 for more information


Height Matched Chain Stopper

The stainless steel (AISI 316) RC10 Series of automatic rope/chain anchor winches are Maxwell's upper mid-range models in the highly successful RC Series Windlass Range.





STANDARD EQUIPMENT REQUIRED FOR DUAL DIRECTION CONTROL

Dual Direction Solenoid (included)

Emergency crank/clutch release handle lever (included)

Up/Down remote control panel (not included)

Circuit breaker/isolator panel (not included)

OPTIONS

1. AutoAnchor™ Equipment
2. Compact Remote
3. Foot Switches
4. Chain Stopper
5. Chain Snubber
6. Capstan model

Every Maxwell RC10 automatic rope/chain windlass comes with top works, motor/gear box and dual direction solenoid. Switches and circuit breaker are available and need to be ordered separately. Refer chart on page 314.

RC12 Low Profile Model

RC12 Capstan Model

3 YEAR Limited Warranty

Activation of the ratcheted mechanism lever ensures the windlass can not backwind during emergency (manual) retrieval of the rode (rope and/or chain) and anchor.

Features and benefits

- The RC12 fully automatic windlass series is designed to effortlessly retrieve and deploy 3/8" (10 mm) short link chain and 5/8" (16 mm) to 3/4" (20 mm) three strand or 8-Plait rope (RC12-10) and 1/2" (13 mm) short link chain and 5/8" (16 mm) to 3/4" (20 mm) three strand or 8-Plait rope (RC12-12).
- Stainless steel AISI 316.
- With a maximum pull of 3500 lb (1590 kg), and an anchor retrieval rate of 50ft/min (15 m/min), the RC12-12 is one of the fastest and gruntiest windlasses in its class.
- A sleek, Low Profile version and a fluted stainless steel (AISI 316) capstan drum version, are available.
- The all new RC12 is packed with patented innovative features combined with Maxwell's traditionally classic aesthetics, but reflecting the modern "form follows function" of the highly successful RC6, RC8 and RC10 series windlasses.
- The elegantly designed deckplate and chainpipe cover are manufactured in polished marine-grade (AISI 316) stainless steel, as are the heavy duty pressure arm, stripper, chainwheel and fluted capstan drum.
- The huge, through deck hawse pipe throat ensures easy entry of the rope/chain rode into and out of the anchor locker.
- Double cone-type brake/clutch mechanism permits 'Free Fall' anchoring. Cone clutches, unlike dog clutches, provide smooth progressive engagement, ensuring safe and precise operator control.
- The RC12 features Maxwell's revolutionary and patented new Wave Design™ chainwheel. Refer to RC6 page for more information about this innovative feature.
- Emergency manual retrieval is made simple and easy with Maxwell's unique "Active Latch Ratchet System" operation that prevents backwind of the windlass during manual hauling of the anchor.
- The Maxwell designed, all new and innovative black, hard anodised gearbox provides numerous advantages:
  - Fast and easy windlass installation
  - More corrosion resistant
  - Easy to maintain and service
  - Takes up less room in the anchor locker
  - 75:1 Ratio (RC12-10) or 100:1 Ratio (RC12-12), single stage design with less moving parts, for smoother and quieter operation
  - Allows for multi-positioning of the gearbox/motor.

RC12
Vertical Rope/Chain Series
RC12-10 • RC12-12

The RC12 Series incorporates Maxwell's latest stylish innovation in automatic rope/chain windlass technology. Retaining the classic open design styling more appropriate on larger boats, the RC12-10 and RC12-12 represent the next generation of rope/chain windlass evolution in every respect.

SPECIFICATIONS

Model	RC12 (3/8"-10/11 mm)	RC12 (1/2"-12/13 mm)
Maximum Pull/Lift	2500 lbs 1134 kg	3500 lbs 1590 kg
Static Hold	4840 lbs 2200 kg	4840 lbs 2200 kg
Chain Short Link**	3/8" 10/11 mm	1/2" 12/13 mm
Rope Size (Nylon)** (3 strand or 8 plait recommended)	5/8-3/4" 16-20 mm	3/4" 20 mm
Chain Speed (at normal working load)	20 m/min 65 ft/min	15 m/min 50 ft/min
Rope Speed (at normal working load)	17 m/min 56 ft/min	13 m/min 43 ft/min
Power Supply (DC)	12 or 24 V	12 or 24 V
Motor Power	1200 W	1200 W
Net Weight - DC (Capstan version)	71 lbs 32 kg	71 lbs 32 kg
Net Weight - DC (Low Profile version)	64 lbs 29 kg	64 lbs 29 kg
Hydraulic Pressure	138 bar 2000 PSI	138 bar 2000 PSI
Hydraulic Flow	42 l/min 11 USgal/min	42 l/min 11 USgal/min
Net Weight - Hyd (Low Profile) (Capstan version)	23 kg/ 51 lbs 26 kg/ 57 lbs	23 kg/ 51 lbs 26 kg/ 57 lbs

** When ordering please specify your specific rope and chain, combination rode

DIMENSIONS

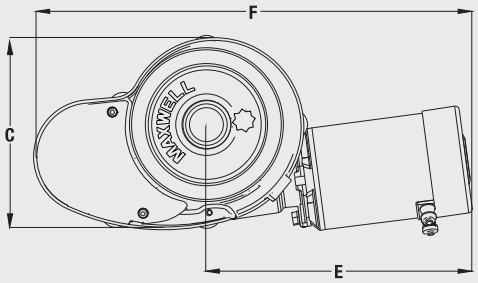
Model	RC12 (3/8"-10 mm)	RC12 (1/2"-12/13 mm)
A	11 5/8" 293 mm	11 5/8" 293 mm
B[1] (Low Profile version)	5 1/8" 128 mm	5 1/8" 128 mm
B[2] (Capstan version)	9 1/4" 233 mm	9 1/4" 233 mm
C	8 1/8" 206 mm	8 1/8" 206 mm
D (Std deck clearance)	8 3/8" 210 mm	8 3/8" 210 mm
E	11 5/8" 294 mm	11 5/8" 294 mm
F	19" 482 mm	19" 482 mm
G (Std deck clearance)	3 5/8" 90 mm	3 5/8" 90 mm
H	2 1/4" 54 mm	2 1/4" 54 mm
I	4 1/4" 106 mm	4 1/4" 106 mm
J	2 1/2" 62 mm	2 1/2" 62 mm

STANDARD EQUIPMENT REQUIRED FOR DUAL DIRECTION CONTROL

Dual Direction Solenoid (included)
Emergency (manual) retrieval handle (included)
Clutch release handle (included)
Up/Down remote control panel (not included)
Circuit breaker/isolator panel (not included)

OPTIONS

1. AutoAnchor™ Equipment
2. Compact Remote
3. Foot Switches
4. Chain Stopper
5. Chain Snubber
6. Capstan model



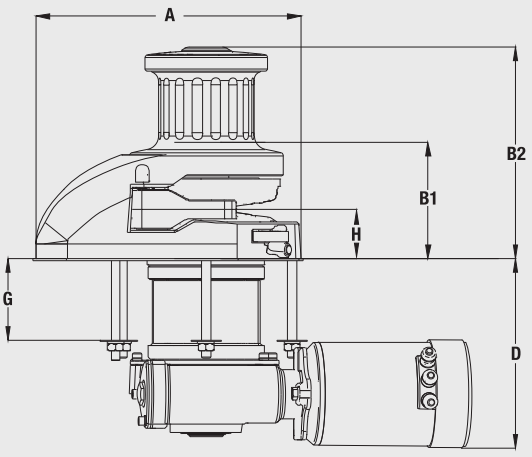
Every Maxwell RC12 automatic rope/chain windlass comes with top works, motor/gear box and dual direction solenoid. Switches and circuit breaker are available and need to be ordered separately. Refer chart on page 314.

HEIGHT MATCHED CHAIN STOPPER

- For use with Maxwell's rope/chain vertical windlasses
- Height adjusted to most effectively align chain with the chainwheel
- No height adjustment plinth required
- Refer to page 309 for more information


Height Matched Chain Stopper

Important: Maxwell windlasses must be used in conjunction with a chain stopper or alternative snubbing device to take the load off the windlass while laying at anchor. The chain stopper and alternative snubbing system should also be used to secure the anchor in the fully raised position while under way.




VC500

ANCHORMAX™

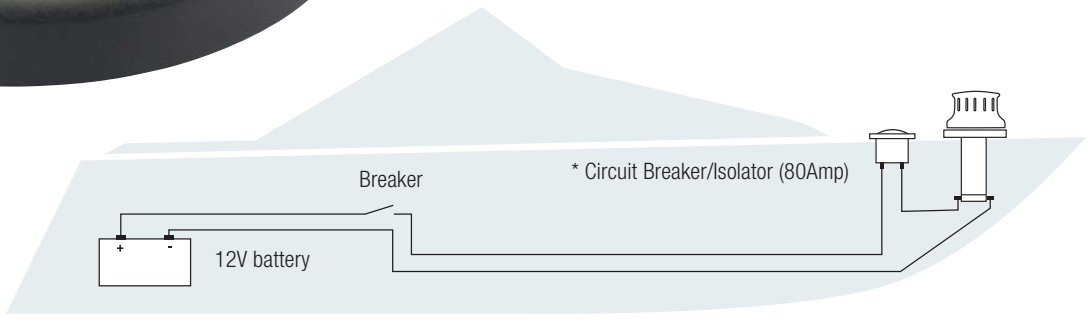
An extremely versatile vertical capstan or general purpose electric winch for use as an anchor winch, pot hauler or davit winch.

The ANCHORMAX™ has an extremely high power to weight ratio. The compact, fully sealed gearbox is driven by a vertically mounted, permanent magnet motor. Intrusion below decks is minimised making the design ideal for boats from 16 ft (5 metres) to 32 ft (10 metres). Fitting to the boat is simplicity itself as no dismantling of the winch is required.

The ANCHORMAX™ gear housings are marine-grade alloy and the drum is stainless steel (AISI 316). It is supplied as a single direction (clockwise) unit, complete with deck foot switch, fastenings, template and fitting instructions.

The ANCHORMAX™ is not recommended for use to haul halyards.
The ANCHORMAX™ is not recommended for use to haul chain.

All standard and optional control accessories can be found on pages 304 - 313.

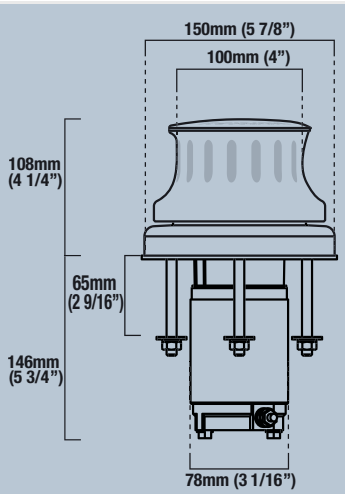


*Not supplied with but recommended

3YEAR Limited Warranty

ANCHORMAX SPECIFICATIONS

Maximum Line Pull/Lift	**850 lbs (386 kg)**
Speed @ nominal working load (80 amps with 220lb / 100kg load)	76' per min (24 m/min)
Voltage	12 V or 24 V
Power	500 W
Weight	17.6 lbs (8 kg)
Maximum Boat LOA	33" (10 m)
Maximum Boat Weight	4 tonnes



The stainless steel (AISI 316) fluted capstan VC Series is designed for simple, low cost anchor recovery on smaller boats and rope hauling on larger vessels.

Features and benefits

- Vertical design suits smaller powerboats or sailboats and can be utilised for anchor rodes, as a docking capstan on larger craft, or auxiliary line hauling from any direction.
- High quality, hard wearing stainless steel (AISI 316) above deck components.
- Functional rope hauling from any direction using fluted, snag-free warping drum for positive control of all ropes.
- Simplified through deck installation by modular design and precise alignment of gearbox to the topworks.
- Alternative gearbox/motor positions accommodate virtually all installation situations.
- Compact, reliable gearbox, made of corrosion resistant materials.
- Anodized aluminium gearbox and spacer on VC500 and VC1000 models.
- Heavy duty, dual direction motors, designed for marine winches.
- Easily disassembled for servicing.
- Can be mounted horizontally for use as a pot hauler or davit winch.

VC500

STANDARD EQUIPMENT REQUIRED FOR SINGLE DIRECTION CONTROL

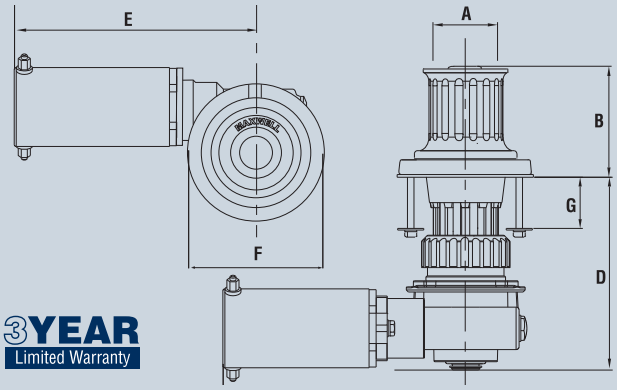
Circuit breaker/isolator panel

Foot Switch

OPTIONS

Extra deck clearance

Hydraulic motor*



3YEAR Limited Warranty

All standard and optional control accessories can be found on pages 304 - 313.

SPECIFICATIONS

Model	500	1000
Maximum Pull/Lift	660 lbs 300 kg	1540 lbs 700 kg
Static Hold	N/A N/A	N/A N/A
Line Speed (Normal Working)	60 ft/min 18 m/min	65 ft/min 20 m/min
Power Supply (DC)	12 or 24 V	12 or 24 V
Motor (Watts)	600 W	1000 W
Net Weight (Electric)	22 lbs 10 kg	40 lbs 18 kg
Hydraulic Pressure	*N/A *N/A	1450 psi 100 bar
Hydraulic Flow	*N/A *N/A	5.3 USgal/min 20 l/min
Net Weight - Hyd	*N/A *N/A	24 lbs 11 kg

DIMENSIONS

Model	500	1000
A	2 9/16” 65 mm	3 1/8” 80 mm
B	4 3/16” 106 mm	4 5/6” 122.5 mm
D (Std deck clearance)	6 7/8” 173 mm	9 15/16” 252 mm
E	9 5.8” 245 mm	10 3/4” 272 mm
F	5 7/32” 132.5 mm	6 5/16” 160 mm
G (Std deck clearance) OR**	2 1/4” 57 mm	4” 100 mm
G (Extra deck clearance) ^	N/A N/A	6” 150 mm
H	1 7/16” 37.5 mm	1 3/4” 44 mm

**For VC1000 a shorter deck clearance version is also available at 2” (50 mm)

^ A deck clearance increase will also increase the ‘D’ measurement by the same increment.

3YEAR
Limited Warranty

VW10

Features and benefits

- Provides the versatility of operating two anchors from one winch.
- Functional rope hauling from any direction using independent MAX-grip™ snag-free warping drum with clutch disengagement of chainwheel for positive control of all ropes.
- Permits use of traditional shackle and thimble rope and chain connection.
- Allows alternative mounting horizontally on a fore and aft bulkhead inside chain locker for below deck installation.
- High-quality finish on above deck components, manufactured from marine grade stainless steel (AISI 316) and chromed bronze, for long term durability.
- Cone type brake/clutch mechanism permits manual 'Free Fall' anchoring. Cone clutches, unlike dog clutches, provide smooth progressive engagement ensuring safe operator control.
- Chainwheel locking pawl (except on VW500).
- Simplified through deck installation by modular design and precise alignment of gearbox to the topworks utilising marine-grade stainless steel (AISI 316) bolts.
- Anodized aluminium gearbox and spacer on 500, 1000 and 1500 models.
- Heavy duty, dual direction motor, designed for marine winches.
- Easily disassembled for servicing.

VW10 WINDLASS FOR USE WITH SPLICED ROPE/CHAIN

The VW10 evolved from the demand for a vertical windlass that could be used in a horizontally installed configuration (refer image above), but which would also, interactively handle a rope/chain rode. The chainwheels on traditional VW models could be used with chain only rodes. The VW10, capable of automatically handling up to 10 mm (3/8") chain and 16 mm (5/8") rope, is ideally suited for use in sailing boat anchor lockers, where space considerations are critical. Quick and easy to install and available with or without independant warping capstan, the VW10 is destined to become an instant hit in this unique niche market.

STANDARD EQUIPMENT REQUIRED FOR SINGLE DIRECTION CONTROL

Emergency crank handle/clutch control lever (included, except with VW500)
Chainwheel to suit chain specified chain size (included)
Circuit breaker/isolator panel (not included)
Windlass electrical controls (not included)

OPTIONS

1. AutoAnchor™ Equipment
2. Foot Switches
3. Chain Stopper*
4. Chain Snubber
5. Extra deck clearance kit
6. Hydraulic motor (except on 500)
7. Up/Down remote control panel
8. Circuit breaker/isolator panel
9. Single or dual direction solenoid

All standard and optional control accessories can be found on page 314.

The VW Series of anchor winches are designed for traditional rope and chain combination anchor rodes, where manual transfer of the rode from the rope warping drum to the chainwheel is required

SPECIFICATIONS

MODEL	500*	VW10-8 5/16" (8 mm)	VW10-10 3/8" (10 mm)	1000	1500	2500	3500
Maximum Pull/Lift	500 lbs 227 kg	1540 lbs 700 kg	1870 lbs 850 kg	1540 lbs 700 kg	1870 lbs 850 kg	2500 lbs 1135 kg	3500 lbs 1590 kg
Static Hold	1320 lbs 600 kg	3300 lbs 1500 kg	3300 lbs 1500 kg	3300 lbs 1500 kg	3300 lbs 1500 kg	4840lbs 2200kg	4840 lbs 2200 kg
Chain Short Link	1/4" 6/7 mm	5/16" 8 mm	3/8" 10 mm	1/4" -3/8" 6-10 mm	1/4" -3/8" 6-10 mm	5/16"-3/8" 9-11 mm	3/8"-1/2" 10-13 mm
Line Speed** (Normal Working)	59 ft/min 18 m/min	79 ft/min 24 m/min	79 ft/min 24 m/min	59 ft/min 18 m/min	59 ft/min 18 m/min	50 ft/min 15 m/min	50 ft/min 15 m/min
Power Supply (DC)	12 or 24 V	12 or 24 V	12 or 24 V	12 or 24 V	12 or 24 V	12 or 24 V	12 or 24 V
Motor (Watts)	600 W	1000 W	1200 W	1000 W	1200 W	1200 W	1200 W
Net Weight (Electric)	22 lbs 10 kg	42 lbs 19 kg	44 lbs 20 kg	50 lbs 22 kg	50 lbs 22 kg	84 lbs 38 kg	105 lbs 48 kg
Hydraulic Pressure	N/A N/A	N/A N/A	N/A N/A	100 bar 1450 psi	138 bar 2000 psi	138 bar 2000 psi	138 bar 2000 psi
Hydraulic Flow	N/A N/A	N/A N/A	N/A N/A	20 l/min 5.3USgal/min	20 l/min 5.3USgal/min	36 l/min 9.5USgal/min	42 l/min 11USgal/min
Net Weight (Hyd)	N/A N/A	N/A N/A	N/A N/A	34lbs 15kg	34lbs 15kg	70lbs 32kg	88lbs 40kg

* Available USA only.

** Winch performance when hauling rope with capstan. Chain speed may vary depending on size of chain and gypsy.

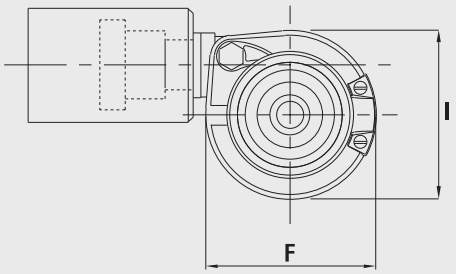
DIMENSIONS

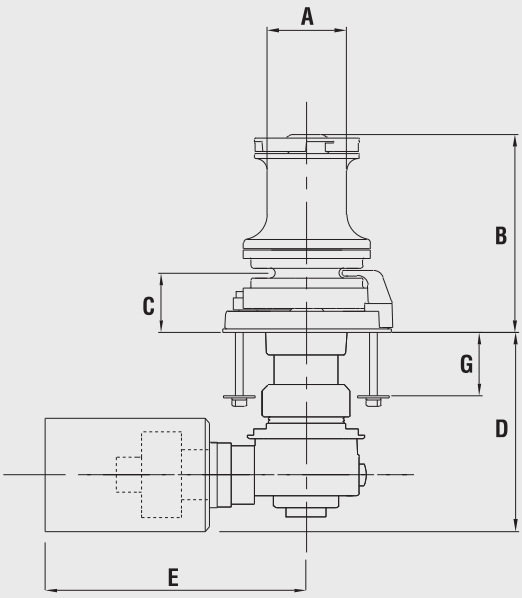
MODEL	500	VW10-8	VW10-10	1000	1500	2500	3500
A	2 9/16" 65 mm	2 5/8" 66 mm	2 5/8" 66 mm	3 1/8" 80 mm	3 1/8" 80 mm	3 11/16" 94 mm	4 5/16" 110 mm
B	6" 151 mm	6 5/8" 168 mm	6 5/8" 168 mm	7 3/4" 198 mm	7 3/4" 198 mm	9 15/16" 251 mm	10 7/8" 276 mm
C	1 5/8" 40 mm	1 3/4" 43 mm	1 3/4" 43 mm	2 3/8" 59 mm	2 3/8" 59 mm	3 5/32" 80 mm	3 9/32" 83 mm
D	6 7/8" 173 mm	10" 252 mm	10" 252 mm	10" 252 mm	10" 252 mm	8 5/8" 219 mm	8 5/8" 219 mm
E	9 5/8" 244 mm	10 3/4" 272 mm	10 3/4" 272 mm	10 3/4" 272 mm	10 3/4" 272 mm	11 1/8" 281 mm	11 1/8" 281 mm
F	5 1/4" 133 mm	6 7/8" 172 mm	6 7/8" 172 mm	6 1/2" 165 mm	6 1/2" 165 mm	7 1/2" 190 mm	10 5/8" 270 mm
G (Std deck clearance)**	2 1/4" 57 mm	4" 100 mm	4" 100 mm	4" 100 mm	4" 100 mm	3 11/32" 85 mm	3 11/32" 85 mm
G (Extra deck clearance) ^	N/A N/A	N/A N/A	N/A N/A	6" 150 mm	6" 150 mm	7 1/2" 190 mm	7 1/2" 190 mm
H (Working height of drum for rope warping)	1 1/2" 37.5 mm	1 3/4" 44 mm	1 3/4" 44 mm	1 3/4" 44 mm	1 3/4" 44 mm	1 5/16" 33 mm	2 1/8" 54 mm
I	5 1/4" 133 mm	5 5/8" 140 mm	5 5/8" 140 mm	6 1/2" 165 mm	6 1/2" 165 mm	7 5/8" 194 mm	10 5/8" 270 mm

**For VW1000 and VW1500 shorter deck clearance version also available at 2" (50 mm)

^ A deck clearance increase will also increase the 'D' measurement by the same increment.

***Important:** Maxwell windlasses must be used in conjunction with a chain stopper or alternative snubbing device to take the load off the windlass while laying at anchor. The chain stopper and alternative snubbing system should also be used to secure the anchor in the fully raised position.





VW1500

VWC2500

3YEAR Limited Warranty

Features and benefits

- Fully automatic single or dual direction chainwheel operation.
- High-quality finish on above deck components, manufactured from marine grade stainless steel (AISI 316), for long term durability.
- Integral chain pipe and stripper are aligned for virtually jam-free operation providing automatic feed of chain into and out of the anchor locker.
- Port and starboard chain pipes for twin installations. (Sizes 2500 and above only.)
- Cone-type brake/clutch mechanism permits manual 'free fall' anchoring. Cone clutches, unlike dog clutches, provide smooth progressive engagement ensuring safe and precise operator control.
- Chainwheel locking pawl.
- Optional Band Brake available for 3500 series unit.
- Clutch disengagement of the chainwheel enables independent rope hauling from any direction, using the Max-grip™ snag-free warping drum for positive control of all ropes.
- Simple through deck installation by modular design and precise alignment of gearbox to the topworks utilising marine-grade stainless steel bolts.
- Anodized aluminium gearbox and spacer tube on all models.
- Heavy duty, dual direction motor, designed for marine winches.
- Low Profile configurations (no warping drum) are available.

STANDARD EQUIPMENT REQUIRED FOR DUAL DIRECTION CONTROL

Dual Direction Solenoid (included)

Emergency crank handle/clutch control lever (included)

Chainwheel to suit chain specified chain size (included)

Up/Down remote control panel (not included)

Circuit breaker/isolator panel (not included)

***Important:** Maxwell windlasses must be used in conjunction with a chain stopper or alternative snubbing device to take the load off the windlass while laying at anchor. The chain stopper and alternative snubbing system should also be used to secure the anchor in the fully raised position while under way.*

OPTIONS

1. AutoAnchor™ Equipment
2. Foot Switches
3. Chain Stopper*
4. Up/Down remote control panel
5. Extra deck clearance kit
6. Hydraulic motor
7. Compact Remote
8. Roving remote

All standard and optional control accessories can be found on page 314.

VWCLP3500 Low Profile Version

The VWC Series is designed for automatic vertical handling of chain-only anchor rodes while offering an independent capstan for the retrieval of a secondary rope and chain rode or to assist with docking procedures.

SPECIFICATIONS

MODEL	1000	1500	2500	3500
Maximum Pull/Lift	1540 lbs 700 kg	1870 lbs 850 kg	2500 lbs 1135 kg	3500 lbs 1590 kg
Static Hold	3300 lbs 1500 kg	3300 lbs 1500 kg	4840 lbs 2200 kg	4840 lbs 2200 kg
Chain Short Link	1/4"- 3/8" 6-10 mm	1/4"- 3/8" 6-10 mm	5/16"- 7/16" 9-11 mm	3/8"- 1/2" 10-13 mm
Line Speed (Normal Working)	60 ft/min 18 m/min	60 ft/min 18 m/min	50 ft/min 15 m/min	50 ft/min 15 m/min
Power Supply (DC)	12 or 24 V	12 or 24 V	12 or 24 V	12 or 24 V
Motor (Watts)	1000 W	1200 W	1200 W	1200 W
Net Weight - DC	52 lbs 24 kg	52 lbs 24 kg	84 lbs 38 kg	106 lbs 48 kg
Hydraulic Pressure	1450 PSI 100 bar	2000 PSI 138 bar	2000 PSI 138 bar	2000 PSI 138 bar
Hydraulic Flow	20 l/min 5.3 USgal/min	20 l/min 5.3 USgal/min	36 l/min 9.5 USgal/min	42 l/min 11US gal/min
Net Weight - Hyd	37 lbs 17 kg	37 lbs 17 kg	70 lbs 32 kg	88 lbs 40 kg

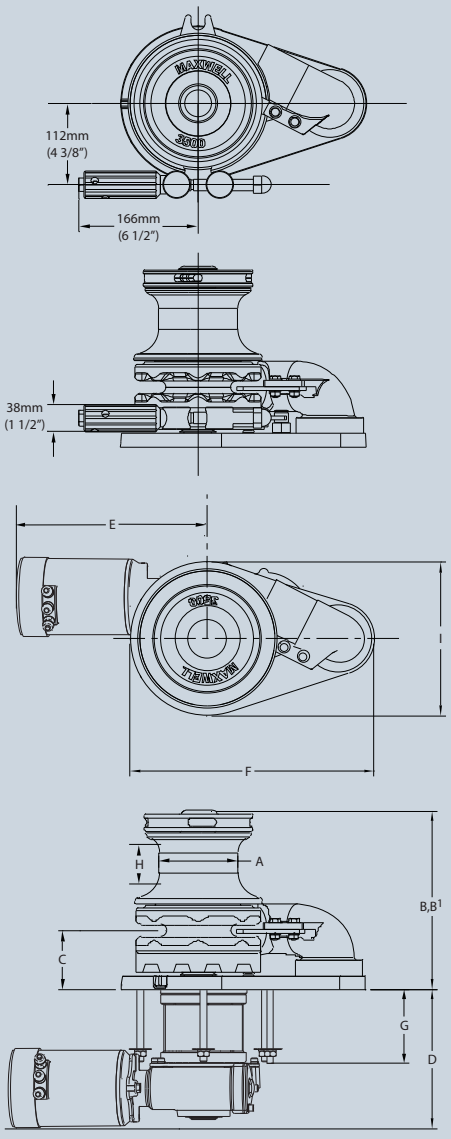
DIMENSIONS

MODEL	1000	1500	2500	3500
A	3 1/8" 80 mm	3 1/8" 80 mm	3 11/16" 94 mm	4 5/16" 110 mm
B	7 11/16" 195 mm	7 11/16" 195 mm	9 9/16" 242 mm	10" 254 mm
B[1] (Low Profile)	3 7/8" 98 mm	3 7/8" 98 mm	5 27/32" 148 mm	5 7/8" 149 mm
C	2 7/32" 56 mm	2 7/32" 56 mm	3 5/32" 80 mm	3 9/32" 83 mm
D	9 5/16" 252 mm	9 5/16" 252 mm	8 5/8" 219 mm	8 5/8" 219 mm
E	10 11/32" 262 mm	10 23/32" 272 mm	11 1/8" 281 mm	11 1/8" 281 mm
F	8 27/32" 224 mm	8 27/32" 224 mm	11 23/32" 297 mm	13 7/16" 342 mm
G (Std deck clearance)*	4" 100 mm	3 11/32" 100 mm	3 11/32" 85 mm	4" 100 mm
G (Extra deck clearance)^	6" 150 mm	6" 150 mm	7 1/2" 190 mm	7 1/2" 190 mm
H (Working height of drum for rope warping)	1 3/4" 44 mm	1 3/4" 44 mm	1 5/16" 33 mm	1 1/8" 29 mm
I	6 1/2" 165 mm	6 1/2" 165 mm	7 1/2" 190 mm	8 15/32" 215 mm

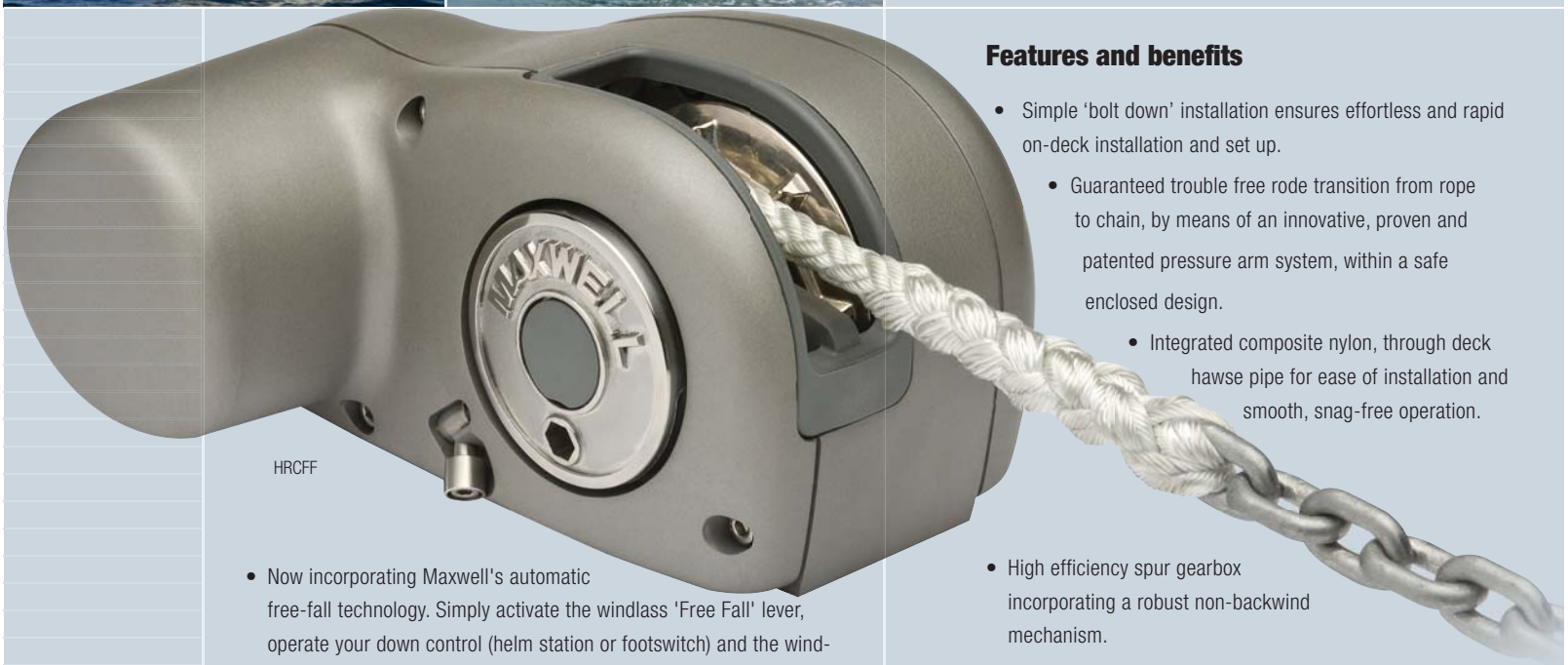
*For VWC1000 and VWC1500 a shorter deck clearance version is also available at 2" (50 mm).
^ A deck clearance increase will also increase the 'D' measurement by the same increment.

VWC3500 Band Brake featuring Maxwell's innovative 'stow-a-way' tensioning lever

VWC3500 without Band Brake



VWC3500 model is available with optional easy to use Band Brake



HRCFF

Features and benefits

- Simple 'bolt down' installation ensures effortless and rapid on-deck installation and set up.
- Guaranteed trouble free rode transition from rope to chain, by means of an innovative, proven and patented pressure arm system, within a safe enclosed design.
- Integrated composite nylon, through deck hawse pipe for ease of installation and smooth, snag-free operation.
- Now incorporating Maxwell's automatic free-fall technology. Simply activate the windlass 'Free Fall' lever, operate your down control (helm station or footswitch) and the windlass will freefall your anchor. Ready to lift the anchor? Activate the up control and the 'free fall' device automatically disengages allowing you to power up your anchor.
- Aesthetically pleasing above deck design, encapsulating the motor and drive in a watertight case, saving space below deck and allowing simple routine maintenance.
- Die cast, marine-grade, alloy case is hard anodized for unsurpassed marine protection.
- High efficiency spur gearbox incorporating a robust non-backwind mechanism.
- High speed, jam-free retrieval of rope and chain controlled from a remote panel mounted Up/Down switch.
- Emergency 'free fall' function in the event of onboard power failure. Activated by the supplied, emergency 'Free Fall' lever.
- Revolutionary Wave Design™ chainwheel - see page 299.
- Heavy duty, dual direction motor incorporating new technology features, including integrated wiring for quick electrical installation.

3YEAR Limited Warranty

STANDARD EQUIPMENT REQUIRED FOR DUAL DIRECTION CONTROL

Dual Direction Solenoid (included)
Clutch Release Handle (included)
Up/Down remote control panel (not included)
Circuit bre ator panel (not included)

OPTIONS

1. AutoAnchor™ Equipment
2. Compact Remote
3. Foot Switches
4. Chain Stopper
5. Chain Snubber

All standard and optional control accessories can be found on pages 304 - 313.

Every Maxwell HRCFF 6-7-8 windlass comes with top works, motor/gear box and dual direction solenoid. Switches and circuit breaker are available and need to be ordered separately. Refer chart on page 314.

Important: Maxwell windlasses must be used in conjunction with a chain stopper or alternative snubbing device to take the load off the windlass while laying at anchor. The chain stopper and alternative snubbing system should also be used to secure the anchor in the fully raised position while under way.

3YEAR Limited Warranty

The sleek, compact HRCFF 6-7-8 are Maxwell's horizontal versions of the latest innovative vertical RC6 and RC8 automatic rope/chain windlasses. The HRCFF Series are packed with original and proven features including patented rode management technology developed by Maxwell.

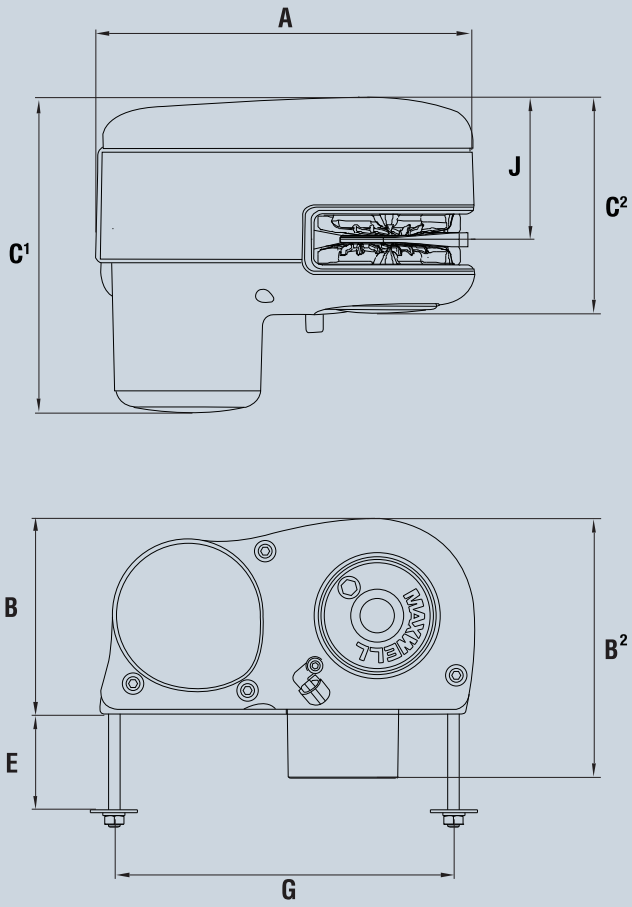
SPECIFICATIONS

Model	HRCFF6	HRCFF7	HRCFF8
Maximum Pull/Lift	900 lbs 410 kg	900 lbs 410 kg	900 lbs 410 kg
Static Hold	1540 lbs 700 kg	1540 lbs 700 kg	1540 lbs 700 jg
Chain Short Link	1/4" 6 mm	1/4" 7 mm	5/16" 8 mm
Rope Size (Nylon)* (3 strand or 8 plait recommended)	1/2" 12 mm	1/2" 12 mm	9/16" 14 mm
Line Speed (Anchor Retrieval) Nominal 30kg working load	108 ft/min 33 m/min	108 ft/min 33 m/min	108 ft/min 33 m/min
Power Supply (DC)	12 V	12 V	12 or 24 V
Motor Power	600 W	600 W	600 W
Net Weight	25 lbs 11.5 kg	25 lbs 11.5 kg	25 lbs 11.5 kg

*refer to owners manual for rope size variations.

DIMENSIONS

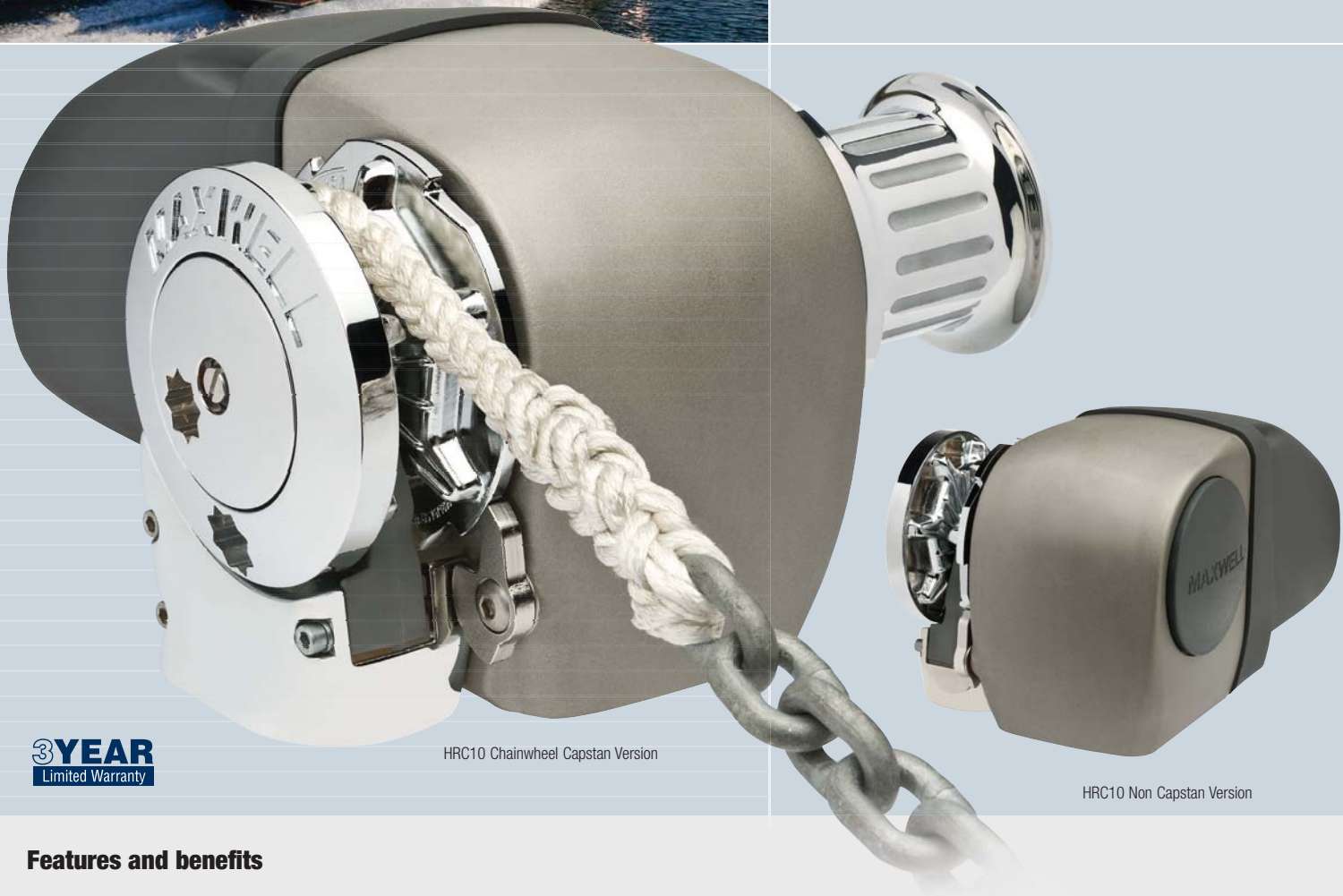
All Models	mm	inches
A	256 mm	10 1/8"
B	132 mm	5 11/32"
B^2	176 mm	6 7/8"
C^1	214 mm	8 7/16"
C^2	147 mm	5 3/4"
E	65 mm	2 1/2"
G	230 mm	9 1/16"
J	96.4 mm	3 7/8"



MAXWELL'S REVOLUTIONARY CHAINWHEEL

Maxwell lead the market yet again in innovative thinking when they introduced the Wave Design™ chainwheel. This patented rope/chain wheel incorporates two unique design concepts that greatly improve the handling and control of the rope/chain spliced rode.

The outer ribs of the chainwheel are angled slightly forward ensuring that the rope and the chain are smoothly guided in the wheel during anchor retrieval. As the rope pulls into the wheel, the opposite facing inner ribs grip the rope in an undulating manner, securing the rope more firmly in a 'wave pattern' action that is far superior to the traditional 'jam cleat' manner of holding the rope compared to all other products on the market. Not only does this Wave Design™ hold the rope more securely, it is also kinder on the rope resulting in increased longevity of your anchor rode.



3YEAR Limited Warranty

HRC10 Chainwheel Capstan Version

HRC10 Non Capstan Version

Features and benefits

- The all new HRC10 fully automatic horizontal windlass series is designed to effortlessly retrieve and deploy 5/16" (8 mm) and 3/8" (10 mm)short link chain and 9/16" (14 mm) and 5/8" (16 mm)three strand or 8-brait (plait) rope.
- The more powerful HRC10-10 can be use with 3/8" (10 mm) chain spliced to 5/8" (16 mm) three strand or 8-brait (plait) rope.
- The aesthetically pleasing above deck design, evolved from the philosophy of form follows function, encapsulates the motor and drive in a two part watertight case, saving space below deck.
- The two part case consists of a die cast, marine-grade hard anodised alloy front section and a rugged and easily removable composite motor cover aft section.
- This two piece watertight case allows for quick and easy, on-deck, routine maintenance.
- Simple 'bolt down' installation ensures effortless and rapid on-deck installation and set up.
- The stainless steel (AISI 316) pressure arm always exerts maximum control pressure on the rode (rope, splice or chain).
- The new and revolutionary patented Wave Design™ chainwheel is able to accommodate a wide range of chain pitch differences, within the specified chain size diameters, suitable for use with the HRC10 Series. Refer page 283 for more information about this innovative feature.
- The unique Maxwell 'wrap around' horizontal chainwheel ensures that more than 90° of the wheel is used, allowing greatly improved rope and chain handling compared with competitor designs.
- The HRC10 works just as effectively with all-chain rodes for those who desire the added security and holding power of an all-chain anchor system.
- The integral chain pipe and huge, through deck hawse pipe throat ensures easy entry of the rope/chain rode into and out of the anchor locker.
- Cone type clutch/brake mechanism permits manual, 'free fall' anchoring and emergency crank recovery of the rode and anchor if required.
- The sealed oil bath and marine-grade hard anodised, alloy gearbox provides high efficiency output drive via precision worm and wormwheel.

HRC10

Horizontal Rope/Chain Series

HRC10-8 • HRC10-10

The HRC10 Horizontal Series windlasses proudly follow in the highly successful footsteps of Maxwell's previous, fully automatic rope/chain anchor winches.

SPECIFICATIONS

Model	HRC10-8* 5/16"-8 mm	HRC10-10* 3/8"-10 mm
Maximum Pull/Lift	1540 lbs 700 kg	1870 lbs 850 kg
Static Hold	3300 lbs 1500 kg	3300 lbs 1500 kg
Chain Short Link	5/16" 8 mm	3/8" 10 mm
Rope Size	9/16" - 5/8" 14 mm - 16 mm	5/8" 16 mm
Chain Speed (Anchor Retrieval)	24 m/min 79 ft/min	24 m/min 79 ft/min
Rope Speed (Anchor Retrieval)	20 m/min 65 ft/min	20 m/min 65 ft/min
Power Supply (DC)	12 or 24 V	12 or 24 V
Motor (Watts)	1000 W	1200 W
Net Weight	42 lbs 19 kg	44 lbs 20 kg
Hydraulic Pressure	2000 psi 138 bar	2000 psi 138 bar
Hydraulic Flow	20 L/min 5.3 USgal/min	20 L/min 5.3 USgal/min
Net Weight - Hyd	28 1/2 lbs 13 kg	28 1/2 lbs 13 kg

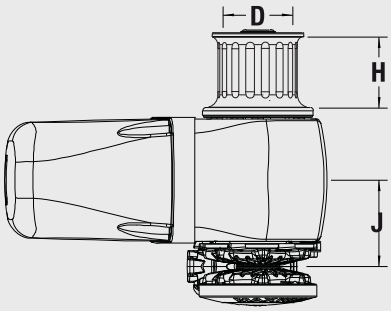
Non Capstan Version. Weight is 2.2 lbs/1kg less than above indicated.

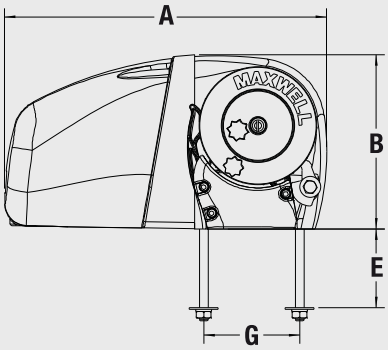
*** 5/16" 8 mm - or 3/8" 10 mm chainwheels can be used on either of the above models**

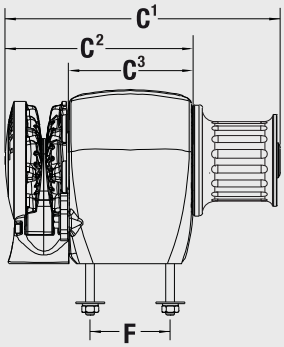
DIMENSIONS

Model	HRC10-8* 8 mm - 5/16"	HRC10-10* 10 mm - 3/8"
A	14 9/16" 369 mm	14 9/16" 369 mm
B	7 7/8" 199 mm	7 7/8" 199 mm
C^1	12 1/2" 316 mm	12 1/2" 316 mm
C^2	8 7/8" 225 mm	8 7/8" 225 mm
C^3	5 1/2" 140 mm	5 1/2" 140 mm
D	3 3/16" 80 mm	3 3/16" 80 mm
E (standaard deck clearance)	3 9/16" 90 mm	3 9/16" 90 mm
F	3 9/16" 92 mm	3 9/16" 92 mm
G	4 3/8" 110 mm	4 3/8" 110 mm
H	3 3/16" 80 mm	3 3/16" 80 mm
J	4" 99 mm	4" 99 mm

Important: Maxwell windlasses must be used in conjunction with a chain stopper or alternative snubbing device to take the load off the windlass while laying at anchor. The chain stopper and alternative snubbing system should also be used to secure the anchor in the fully raised position while under way.







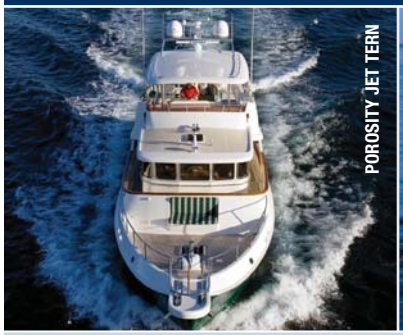
STANDARD EQUIPMENT REQUIRED FOR DUAL DIRECTION CONTROL

Dual Direction Solenoid (included)
Emergency crank/clutch release handle (included)
Up/Down remote control panel (not included)
Circuit breaker/isolator panel (not included)

OPTIONS

1. AutoAnchor™ Equipment
2. Compact Remote
3. Foot Switches
4. Chain Stopper
5. Chain Snubber

Every Maxwell HRC10 windlass comes with top works, motor/gear box and dual direction solenoid. Switches and circuit breaker are available and need to be ordered separately. Refer chart on page 314.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KADEY KROGEN 58'

HWC3500 Chainwheel Capstan Version

3YEAR Limited Warranty

SPECIFICATIONS

MODEL	2500	3500	HWVC3500
Maximum Pull/Lift	2500 lbs 1135 kg	3500 lbs 1590 kg	3500 lbs 1590 kg
Static Hold	4840 lbs 2200 kg	4840 lbs 2200 kg	4840 lbs 2200 kg
Chain Short Link	5/16"- 3/8" 9-11 mm	3/8"- 1/2" 10-13 mm	3/8"- 1/2" 10-13 mm
Line Speed (Normal Working)	50 ft/min 15 m/min	50 ft/min 15 m/min	33 ft/min 10 m/min
Power Supply (DC)	12 or 24 V	12 or 24 V	12 or 24 V
Motor (Power)	1200 W	1200 W	1200 W
Net Weight - DC	121 lbs 55 kg	125 lbs 57 kg	208 lbs 94.5 kg
Hydraulic Pressure	1950 psi 135 bar	2000 psi 138 bar	2000 psi 138 bar
Hydraulic Flow	9.5 USgal/min 36 l/min	11 USgal/min 40 l/min	11 USgal/min 40 l/min
Net Weight - Hyd	107 lbs 48.5 kg	107 lbs 49 kg	176 lbs 80 kg

DIMENSIONS

MODEL	2500	3500	HWVC3500
A	19 1/2" 495 mm	20 9/32" 515 mm	20 9/32" 515 mm
B	11 3/8" 289 mm	12 7/16" 316 mm	17 9/16" 446 mm
C	20 5/16" 516 mm	21 5/8" 549 mm	28" 710 mm
D (Hole centres)	9 1/4" 234 mm	10 1/4" 260 mm	18 7/16" 417 mm
F (Hole centres)	10 15/16" 278 mm	12 1/8" 308 mm	18 1/4" 464 mm
G (Approximate hole centres)	11 13/16" 300 mm	13 11/16" 348 mm	13 11/16" 348 mm
H (Working height of drum for rope warping)	2 3/8" 60 mm	2 3/32" 53 mm	2 3/32" 53 mm
I	4 15/16" 125 mm	5 1/8" 130 mm	5 1/8" 130 mm
J	7 5/8" 194 mm	8 3/16" 208 mm	11 19/64" 287 mm

STANDARD EQUIPMENT REQUIRED FOR DUAL DIRECTION CONTROL

Dual Direction Solenoid (included)

Chain pipe and chainwheel to suit chain size specified (included)

Emergency crank/clutch release handle (included)

Up/Down remote control panel (not included)

Circuit breaker/isolator panel (not included)

OPTIONS

1. AutoAnchor™ Equipment
2. Foot Switches
3. Chain Stopper*
4. Up/Down remote control panel
5. Hydraulic motor
6. Compact Remote
7. Roving remote

All standard and optional control accessories can be found on page 314.

***Important:** Maxwell windlasses must be used in conjunction with a chain stopper or alternative snubbing device to take the load off the windlass while laying at anchor. The chain stopper and alternative snubbing system should also be used to secure the anchor in the fully raised position while under way.**

The HWC Series is designed for automatic horizontal handling of chain-only anchor rodes while offering an independent capstan for the retrieval of a secondary rope and chain rode or to assist with docking procedures.

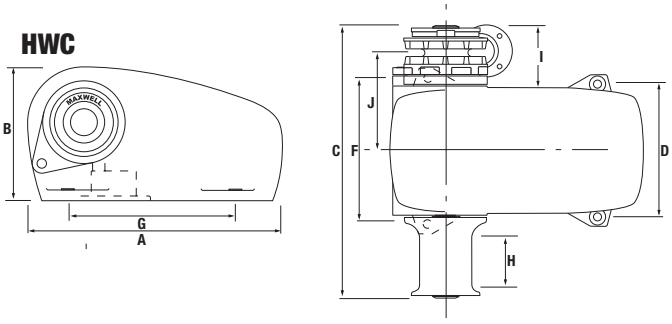
HWVC3500

HWC3500 Double Chainwheel Capstan Version

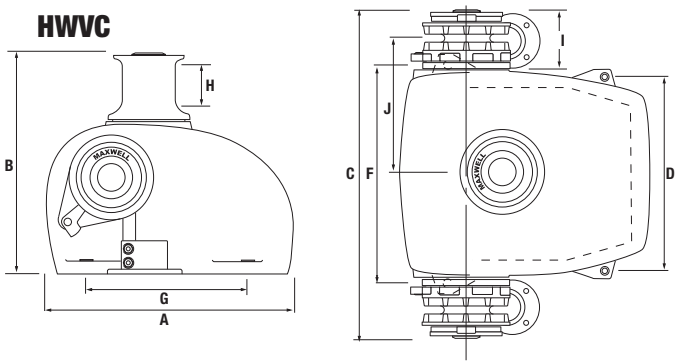
Features and benefits

- Fully automatic single or dual direction chainwheel operation, for use with chain only rodes.
- Functional rope hauling from fore and aft using independent fluted stainless steel snag-free warping drum with clutch disengagement of chainwheel for positive control of all ropes.
- Optional dual anchor handling with smooth independent control of each chainwheel via cone clutches.
- Chain pipe assembly supplied.
- Cone-type clutch/brake mechanism permits manual 'free fall' anchoring. Cone clutches, unlike dog clutches, provide smooth progressive engagement ensuring safe and precise operator control.
- Chainwheel locking pawl to assist when using warping drum independently.
- Simple deck mounted installation with no under deck parts.
- Simplified maintenance with ability to strip the running gear (chainwheel and drum) from the windlass without disturbing the windlass mounting.
- Heavy duty, dual direction motor, designed for marine winches.
- Chainwheel and warping drum of high-quality chrome finish over marine-grade bronze.
- Marine-grade alloy casing pretreated, powder coated and finished with a two component white polyurethane paint.

HWC



HWVC



KADEY KROGEN 58' FITTED WITH HWVC3500

Maxwell will supply not only your anchor winch or capstan, but also a complete anchoring package consisting of control gear, circuit protection, anchors, rope, chain, chain stoppers, chain snubbers, swivels, shackles, bow rollers, etc.

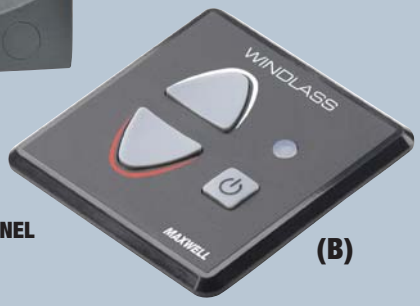
UP/DOWN CONTROLS

Easy to use, panel-mounted Up/Down switches for remote windlass operation from the helm, fly bridge or cockpit. Suitable for use with dual-directional solenoids.

- Manufactured from marine-grade materials.
- Splash proof.
- Suitable for 12 and 24 Volt DC use.
- Includes on/off switch and power indicator light (B only).

UP/DOWN REMOTE PANEL (TOGGLE TYPE) (P102938)

(A)



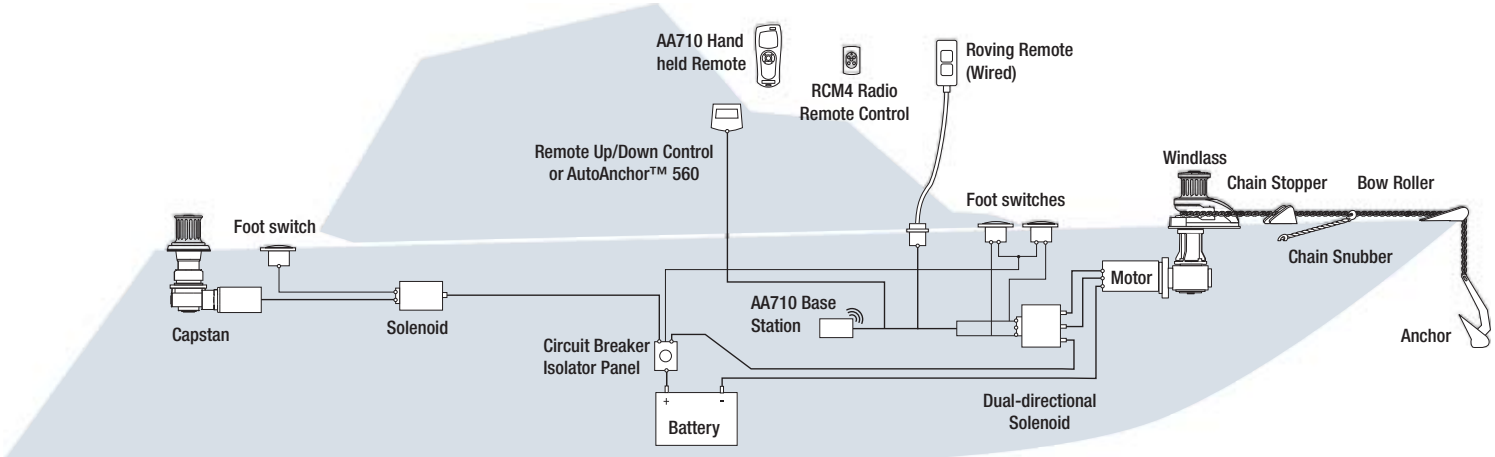
UP/DOWN REMOTE PANEL (PUSH BUTTON TYPE) (P102983)

(B)

Accessories Positioning Guide

The correct installation of your Maxwell windlass or capstan and all associated anchoring equipment will ensure that you get years of trouble free service. It is worth taking the time to install all accessories and electrical wiring or hydraulic connections carefully and professionally. Your Maxwell Owner's Manual will provide you with all the information you, or your service agent, needs to properly set up your specific installation. The indicative diagram gives you some idea of what is involved and is a guide only.

Note: All the accessories shown are not necessarily available from every Maxwell warehouse. Please contact your nearest Maxwell office for availability.



When it comes to anchoring, Maxwell provides the ultimate anchoring solution backed by sound advice and after sales service. A full range of anchoring accessory items are available. Please contact your nearest Maxwell office or local distributor for helpful advice and assistance.

RCM2 AND RCM4 - RADIO REMOTE CONTROLS

These new, hand held wireless control units are ideal for remotely operating the up/down function of a single windlass (RCM2) or a dual windlass installation (RCM4). The RCM2 can also be used for control of a bow thruster, whereas the RCM4 can be used for controlling a windlass and a bow thruster or a bow and stern thruster simultaneously. These units are also suitable for the operation of other on board, electrically driven equipment.

RCM2 (P104816)

RCM4 (P104817)

FOOT SWITCHES - HEAVY DUTY

Maxwell heavy-duty, weather resistant units have a UV stabilised water proof diaphragm and are supplied complete with mounting instructions and screws.

- Rated at 150 amps maximum current and suitable for 12 or 24 V applications.
- Nickel-plated copper contacts ensure corrosion-free, reliable operation.

BLACK COVERED	**P19006**	**BLACK PLASTIC BEZEL**	**P19008**
WHITE COVERED	**P19007**	**STAINLESS STEEL BEZEL**	**P19001**
STAINLESS STEEL COVERED	**P100735**		

FOOT SWITCHES - COMPACT

Maxwell's, compact up and down foot switches now available in black and white cover versions. These 5 Amp rated switches are required to be operated via solenoids, which also allows for smaller diameter wiring.

WHITE COVERED	**P104809**
BLACK COVERED	**P104810**

CIRCUIT BREAKER/ISOLATOR PANELS

Maxwell circuit breaker/isolator panels are available to suit a wide range of windlasses and capstans.

- For protection of the main conductor circuit for DC winches.
- Enables the battery, or electrical supply, to be isolated when winch is not in use.
- Suitable for 12 or 24 V DC systems.

P100789	**40 AMP**	**P100791**	**135 AMP**
P100790	**80 AMP**	**P102903**	**70 AMP**

DUAL AND SINGLE DIRECTION SOLENOIDS

Dual Direction Solenoids are used in conjunction with remote Up/Down panel, AutoAnchor™ Rode Counters, roving hand held remote controls and/or foot switches to switch the motor in the required direction.

- Heavy-duty solenoids, suitably rated for our winch motors.
- Available in 12 or 24 V DC for permanent magnet (PM) and series wound motors (SW).
- Ignition protected solenoids.
- Installation in a dry area is always recommended.

Single Direction Solenoids should be used where only single direction motor rotation is necessary. E.g. capstan winches.

SINGLE DIRECTION	**SP1393 12V (PM/SW)**
SINGLE DIRECTION	**SP1394 24V (PM/SW)**
DUAL DIRECTION	**P100715 12V (PM)**
DUAL DIRECTION	**P11121 24V (PM)**
DUAL DIRECTION	**P19045 12V (SW)**
DUAL DIRECTION	**P19046 24V (SW)**

3YEAR Limited Warranty

MAXWELL AA570: WIRELESS PANEL MOUNT WINDLASS CONTROLLER AND RODE COUNTER

- Instant connection to the AA702 base station (included), no cables required back to windlass*
- Easy one-off calibration for multiple station set-ups
- Seamless interface with AA710 hand-held remotes
- Operate 2 windlasses from a single console
- One touch function deploys and retrieves a preset length of rode
- Preset stopping point and docking alarm on retrieval
- Adjustable backlit display in feet, metres or fathoms
- Graphic LCD screen with intuitive user interface for easy operation
- Displays windlass speed, direction and rode deployed
- Safety lock, windlass log hours and more.
- Typical range 30 ft (10 m), with antenna option for increased range
- Very secure data transmission with 16 different channel options

*AA570 Console requires connection to 12V /24V power supply.

(P102945)

AA570 includes helm station control and base-station

MAXWELL AUTOANCHOR WIRELESS REMOTE CONTROLS PRODUCT FEATURES

- Windlass monitoring from the helm.
- Simple Plug & Play sensor installation.
- Accurate information for all-chain or combination rope/chain rodes.
- Flexibility of magnet and sensor gap from 10' to 492' (3 mm to 50 mm).
- Easy set up.
- Multiple unit installation options – combine with other Maxwell AA products for total windlass control.
- Fits all DC, AC and hydraulic windlasses.
- Inbuilt diagnostics for troubleshooting installation issues.
- EMC protection to CE EN60945.

MAXWELL AA560 WIRED PANEL MOUNT WINDLASS CONTROLLER AND RODE COUNTER

(P102944)

SPECIAL FEATURES:

- Preset stopping point and docking alarm on retrieval.
- One-touch function to deploy and retrieve a preset length of rode.
- Adjustable back lit display in feet, metres or fathoms.
- Graphic LCD screen featuring intuitive user interface for simple operation.
- Displays windlass speed and direction.
- Safety lock to help protect against accidental windlass deployment.
- Logs windlass operation hours to help ensure regular windlass maintenance.
- Weather cover and choice of black or gray console.

Kit includes 1 console, 1 sensor and 1 magnet.

PLUG AND PLAY SENSOR AND CABLE

Correct sensor installation is fundamental to rode counter operation. To ensure the best possible sensor installation the Maxwell AA series products come with waterproof connectors prefitted to the sensor cables. No need for solder. Make sure you order the plug and play connecting cable with your new counter.

ALL MAXWELL WINDLASSES ARE RODE COUNTER READY WITH MAGNET FITTED AND SENSOR HOLE DRILLED

ELECTRONIC WINDLASS CONTROL AND RODE MONITORING

MAXWELL AA710
WIRELESS, HAND HELD REMOTE WINDLASS CONTROLLER AND RODE COUNTER

(P102981)

All the features of the AA570 plus options to control a bow thruster or deck lights and anchor wash.

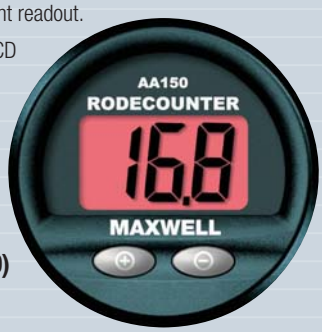
- High level wireless transmission security - 2.4GHz ISM band.
- Hand held controller displays rode count plus signal strength and battery level.
- Water resistant to IP67.
- Console requires two AA batteries.
- Rubber moulding for grip and non slip protection.
- Ergonomic shape with wrist strap connector.
- Console holder and protective cover.
- Shockproof
- EEE 802.15.4 compliant.

Kit includes: 1 hand held remote control and 1 base station, 1 sensor and 1 magnet. Note: Two base stations can be operated by one remote to allow control of two windlasses. Plug and Play connectors, T-Connectors and Gender Adaptors are also available. Contact your Maxwell Dealer.

MAXWELL AA150
WIRED PANEL MOUNT RODE COUNTER

- Docking alarm.
- Standard 2.36" (60 mm) marine instrument console.
- Choice of feet or metre count readout.
- Large, adjustable, backlit LCD display.

Kit includes 1 console, 1 sensor and 1 magnet.



(P102939)

MAXWELL AUTOANCHOR WIRED ROVING REMOTE CONTROL UNITS

ANCHOR LAUNCHING OR RETRIEVAL FROM THE BOW WHEN VISION FROM THE HELM STATION IS OBSTRUCTED.

- Use for Windlasses, Davits, Thrusters and other Marine Equipment.
- Electrical protection against back-emf.
- Rubber over-moulding for shock protection and grip.
- Stowage cradle.
- Operate in parallel with all AutoAnchor™ products, toggle switches, foot switches or other control equipment.
- Connect to DC, AC and Hydraulic systems.
- Rugged 15" (4.5 m) coiled cable and connectors.
- All products are rated to IP67 including cables, plugs and sockets.
- Other Maxwell AutoAnchor controllers are available, check with your local Maxwell distributor.

AA730
With Rode Counter
(P102994)

AA320
Windlass Control
(P102992)

AA342*
Dual Windlass Controller
(P102996)

All wires remotes are complete with moulded deck socket Rated to IP67.

12" (4 metres) cable

Gender Adaptor Cable Connector (SP4192)

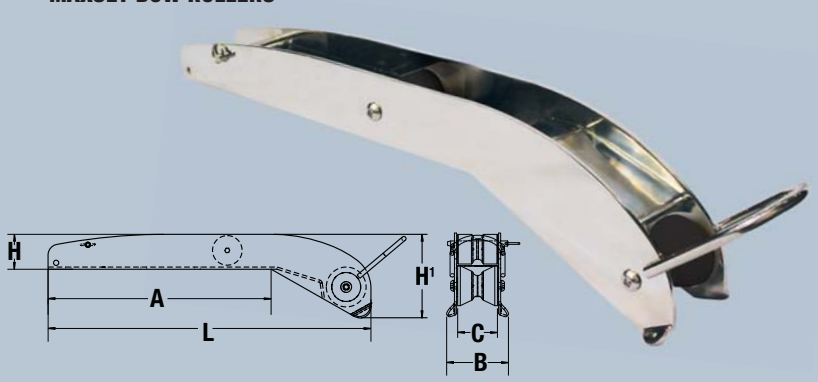
Dual Installation T Connector (SP4155)

* AA341 Model (P102995) is similar to AA342 but can be used as a general dual equipment controller (contact Maxwell for details).

MAXSET BOW ROLLERS

The MAXSET Bow Roller design guarantees that MAXSET stainless steel and galvanised anchors, along with similar competitor versions, are efficiently self-launched during anchor deployment. When the anchor is fully retrieved, the MAXSET bow roller ensures that the anchor fits securely into the roller and will not rattle around when the boat is under way.

MAXSET BOW ROLLERS

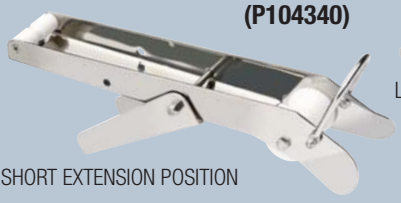


MAXSET ANCHORS AND MAXSET BOW ROLLERS

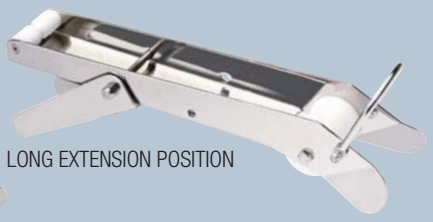
MAXSET (Delta Style Anchors) / MAXSET Bow Roller Codes	Satin Finish					Polished Finish				
	P105074	P105076	P105078	P105080	P105082	P105075	P105077	P105079	P105081	P105083
9lbs/4kg	•					•				
13lbs/6kg	•					•				
22lbs/10kg		•					•			
35lbs/16kg			•					•		
44lbs/20kg				•					•	
55lbs/25kg					•					•
66lbs/30kg					•					•
88lbs/40kg					•					•

EXTENDABLE HINGED BOW ROLLER

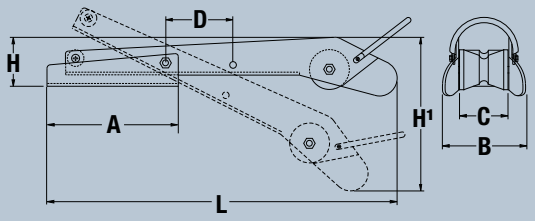
(P104340)



SHORT EXTENSION POSITION

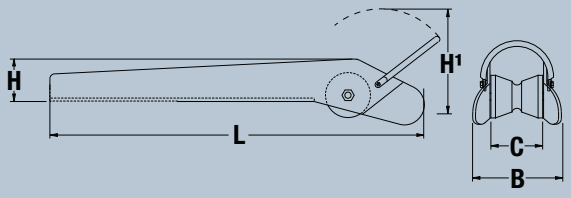


LONG EXTENSION POSITION



FIXED BOW ROLLER WITH ANCHOR LOOP

(P104345)



MAXSET ANCHORS AND BOW ROLLERS

MAXSET (Delta Style Anchors) / Standard Bow Roller Codes	P104331	P104332	P104333	P104334	P104340	P104345
9lbs/4kg		•	•		•	•
13lbs/6kg		•	•		•	•
22lbs/10kg	•	•	•		•	•
35lbs/16kg		•	•	•	•	•
44lbs/20kg				•		
55lbs/25kg				•		

MAXCLAW (Claw Style Anchors) / Standard Bow Roller Codes	P104331	P104332	P104333	P104334	P104340	P104345
11lbs/5kg		•	•		•	
18lbs/8kg		•	•		•	•
22lbs/10kg	•	•	•	•	•	•
33lbs/15kg				•	•	•
44lbs/20kg				•		

MAXSET AND STANDARD BOW ROLLER DIMENSIONS

	Extendable P104340	Fixed with Hoop P104345	P105074 P105075	P105076 P105077	P105078 P105079	P105080 P105081	P105082 P105083
A	7 13/16" 198 mm	N/A	12 3/8" 315 mm	16 5/16" 414 mm	18 7/8" 480 mm	20" 510 mm	22" 560 mm
B	4 15/16" 125 mm	5 1/4" 134 mm	3 5/16" 84 mm	4 3/8" 112 mm	4 3/8" 112 mm	4 1/2" 114 mm	6" 153 mm
C	2 7/8" 73 mm	3" 75 mm	2 1/2" 62 mm	3" 78 mm	3" 78 mm	3" 78 mm	4 1/8" 105 mm
D	4" 101 mm	N/A	N/A	N/A	N/A	N/A	N/A
L	20 1/4" 527 mm	18 1/8" 460 mm	18 5/16" 465 mm	23 5/8" 600 mm	28 1/8" 715 mm	30" 762 mm	33 1/2" 850 mm

BOW ROLLERS

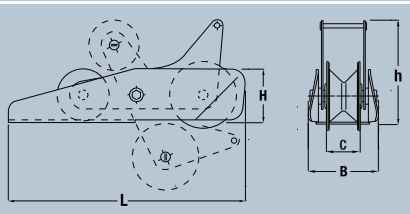
MAXWELL IS ABLE TO SUPPLY YOU WITH A VARIETY OF BOW ROLLERS FOR CUSTOM OR PRODUCTION LINE BOATS.

HINGED BOW ROLLER

Suitable for rope and chain anchor rodes utilising up to 1/2" (13 mm) chain.

HINGED BOW ROLLER DIMENSIONS

Code	Type	L	B	H	h	C
P104330	Size 1	320 mm (12 5/8")	92 mm (3 5/8")	72 mm (2 7/8")	133 mm (5 1/4")	44 mm (1 3/4")
P104331	Size 2	430 mm (16 15/16")	160 mm (5 5/16")	100 mm (4")	190 mm (7 1/2")	66 mm (2 11/16")

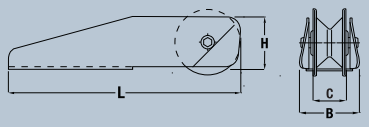


FIXED BOW ROLLER

Suitable for rope and chain anchor rodes utilising up to 1/2" (13 mm) chain.

FIXED BOW ROLLER DIMENSIONS

Code	Type	L	B	H	C
P104332	Size 1	205 mm (8 1/8")	72 mm (2 7/8")	74 mm (3")	44 mm (1 3/4")
P104333	Size 2	320 mm (12 5/8")	86 mm (3 7/16")	74 mm (3")	44 mm (1 3/4")
P104334	Size 3	444 mm (17 1/2")	110 mm (4 3/8")	110 mm (4 3/8")	68 mm (2 11/16")



CHAIN STOPPERS

Chain stoppers hold the chain and take the load off the windlass. They are used to set and ride on the anchor, break free the anchor or to prevent accidental 'free fall' of the anchor while under way. Also recommended for VW Series rope and chain systems to hold the chain while changing over from rope to chain. Maxwell offers three chain stopper variations to suit any installation configuration of chain stopper and windlass combination.

The latest "Height Matched Stopper" has been developed for use with Maxwell's rope/chain series of vertical windlasses, avoiding the need for a height adjustment plinth to most effectively align the chain with the windlass chainwheel during anchor deployment and retrieval.

Refer to the adjoining chart for available chain stopper types and sizes. Consult the Maxwell Superyacht catalogue for larger size chain stoppers.

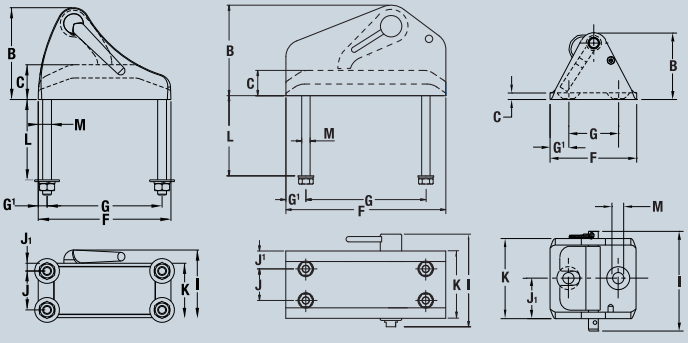
Height Matched

Levered

Economy

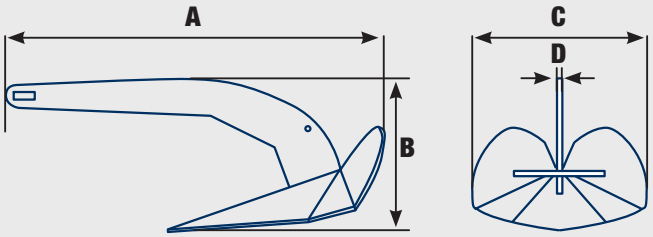
CHAIN STOPPER DIMENSIONS

	Height Matched		Levered			Economy
	RC8 P104358	RC10/12 P104359	8 mm P104372	10 mm P104373	13 mm P104374	8/10 mm P104335
B	4 1/8" 105 mm	5" 127 mm	2 7/8" 72 mm	3 7/16" 86 mm	4 3/16" 105 mm	2 3/8" 62 mm
C	1 9/16" 40 mm	1 7/8" 48 mm	7/8" 20 mm	7/8" 20 mm	1 1/8" 26 mm	1/4" 6 mm
F	5 15/16" 150 mm	7 3/16" 182 mm	6" 152 mm	7 1/2" 190 mm	8 5/8" 219 mm	3 1/8" 80 mm
G	5 1/8" 130 mm	6 1/4" 159 mm	3 5/8" 92 mm	5 1/8" 130 mm	6 5/16" 159 mm	1 3/4" 46 mm
G¹	7/16" 10 mm	1/2" 11.5 mm	1 3/16" 30 mm	1 3/16" 30 mm	1 3/16" 30 mm	5/8" 17 mm
I	3" 77 mm	3 13/16" 97 mm	2 7/8" 70 mm	3 1/2" 86 mm	4" 100 mm	3 5/8" 92 mm
J	1 3/4" 44 mm	2" 53 mm	1 1/4" 31.5 mm	1 3/4" 44 mm	2 1/8" 53 mm	N/A
J¹	11/32" 8.8 mm	1/2" 12.5 mm	7/16" 10 mm	7/16" 10 mm	1/2" 12.5 mm	1 1/2" 37 mm
L	3 1/2" 90 mm	4 15/16" 125 mm	3 3/4" 95 mm	3 3/4" 95 mm	5 1/8" 130 mm	N/A
M	M8	M10	M10	M10	M12	M10



MAXSET ANCHORS

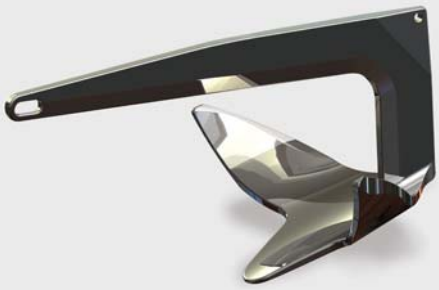
The "MAXSET" galvanised and stainless steel (AISI 316) anchor range, based on the proven 'Plough' design is available in four different sizes to suit boats from approximately 15" (4 metres) to 55" (17 metres).

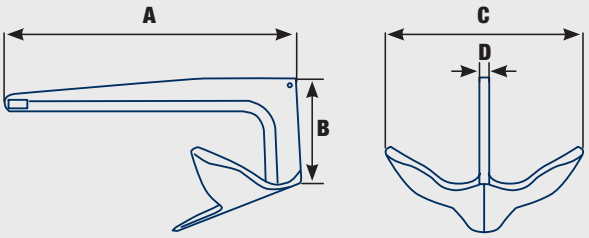


MAXSET ANCHORS STAINLESS STEEL	MAXSET ANCHORS GALVANISED	ANCHOR WEIGHTS	A	B	C	D
P105070	P105069	9lbs/4kg	530mm (20 7/8")	222mm (8 3/4")	245mm (9 5/8")	8mm (5/16")
P105055	P105000	13lbs/6kg	620mm (24 1/2")	230mm (9 1/8")	262mm (10 3/8")	10mm (3/8")
P105056	P105001	22lbs/10kg	730mm (28 3/4")	275mm (10 7/8")	315mm (12 1/2")	12mm (1/2")
P105057	P105002	35lbs/16kg	820mm (32 3/8")	315mm (12 1/2")	340mm (13 1/2")	14mm (9/16")
P105058	P105003	44lbs/20kg	890mm (35")	345mm (13 5/8")	400mm (15 3/4")	16mm (5/8")
P105059	P105004	55lbs/25kg	986mm (38 7/8")	410mm (16 1/8")	445mm (17 1/2")	16mm (5/8")
P105067	P105005	66lbs/30kg	1050mm (38 7/8")	445mm (16 1/8")	465mm (17 1/2")	20mm (5/8")
P105068	P105006	488lbs/40kg	1130mm (44 1/2")	470mm (18 1/2")	510mm (20")	20mm (3/4")

MAXCLAW ANCHORS

The "MAXCLAW" 316 Stainless Steel anchor range, based on the proven 'North Sea' claw design is available in seven different sizes to suit boats from approximately 12" (4 metres) to 58" (18 metres).





MAXCLAW STAINLESS STEEL	ANCHOR WEIGHTS	A	B	C	D
P105060	11lbs/5kg	470mm (18 5/8")	190mm (7 1/2")	310mm (12 1/4")	15 - 18mm (5/8"-3/4")
P105061	18lbs/8kg	530mm (20 7/8")	210mm (8 3/8")	360mm (14 1/4")	15 - 18mm (5/8"-3/4")
P105062	22lbs/10kg	600mm (23 5/8")	228mm (9")	380mm (15")	15 - 18mm (5/8"-3/4")
P105063	33lbs/15kg	670mm (26 1/2")	265mm (10 1/2")	450mm (17 3/4")	15 - 18mm (5/8"-3/4")
P105064	44lbs/20kg	715mm (28 1/4")	360mm (14 1/4")	470mm (18 5/8")	15 - 20mm (5/8"-7/8")
P105065	66lbs/30kg	815mm (32 1/8")	425mm (16 3/4")	550mm (21 3/4")	18 - 25mm (3/4"-1")
P105066	88lbs/40kg	1000mm (39 3/8")	440mm (17 3/8")	675mm (26 5/8")	18 - 30mm (3/4"-1 1/4")

When it comes to anchoring, Maxwell provides the ultimate anchoring solution backed by sound advice and after sales service. A full range of anchoring accessory items are available. Please contact your nearest Maxwell office or local distributor for helpful advice and assistance.

MAXSET ANCHORS AND MAXSET BOW ROLLERS

See chart below to select the most suitable bow roller for use with your MAXSET or MAXCLAW anchor.

MAXSET ANCHORS			TO SUIT APPROXIMATE BOAT LENGTH																MAXSET BOW ROLLERS	
Stainless Steel	Galvanised	Weight	4M	(13')	6M	(20')	8M	(26')	10M	(33')	12M	(39')	14M	(46')	16M	(52')	18M	(59')	Satin Finish	Polished Finish
P105070	P105069	4kg/9lbs																	P105074	P105075
P105055	P105000	6kg/13lbs																	P105074	P105075
P105056	P105001	10kg/22lbs																	P105076	P105077
P105057	P105002	16kg/35lbs																	P105078	P105079
P105058	P105003	20kg/44lbs																	P105080	P105081
P105059	P105004	25kg/55lbs																	P105082	P105083
P105067	P105005	30kg/66lbs																	P105082	P105083
P105068	P105006	40kg/88lbs																	P105082	P105083

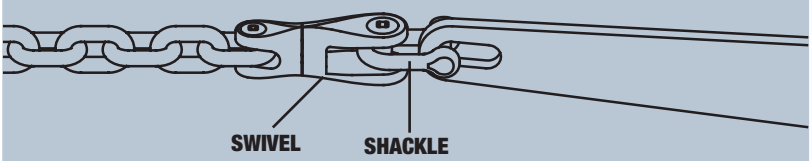
MAXCLAW ANCHORS			TO SUIT APPROXIMATE BOAT LENGTH
P105060		5kg/11lbs	
P105061		7.5kg/17lbs	
P105062		10kg/22lbs	
P105063		15kg/33lbs	
P105064		20kg/44lbs	
P105065		30kg/66lbs	
P105066		40kg/88lbs	

ANCHOR SWIVEL SHACKLES

6-8 MM (P104370)

10-13 MM (P104371)

The use of a swivel and joining shackle to join your anchor and rode will greatly improve anchor retrieval and help ensure that the rode lays neatly into your anchor locker. Thus, they are highly recommended for use with Maxwell's automatic rope/chain series windlasses. Two sizes (1/4" – 5/16" 6 mm - 8 mm and 3/8" – 1/2" 10 mm - 13 mm/) are available to suit vessels up to 65 feet (20 metres). These robust single swivel anchor connectors, with captured pins, will not loosen under load and pull smoothly and easily over bow rollers. Note: Joining the swivel directly to the anchor is not recommended.



EMERGENCY CRANK/CLUTCH RELEASE HANDLES AND BI-SQUARE EXTENSION DRIVES

The handles are for use with RC8, RC10, RC12 and HRC10 Series anchor winches and are supplied as standard accessories. Note the RC12 Series is also supplied with a specialised emergency crank handle. Two sizes are available to suit the constraints of most foredeck configurations. Constructed of light weight, durable injection-moulded plastic these handles float if accidently dropped overboard. Also available are two bi-square drives. The Extension unit facilitates access to the windlass clutch release nut in constrained areas and the ½" Drive enables the use of a standard ½" ratchet driver and is standard with all HRC10 units.

10" (P103865)

BI-SQUARE EXTENSION AND 1/2" DRIVE

8" (P103864)

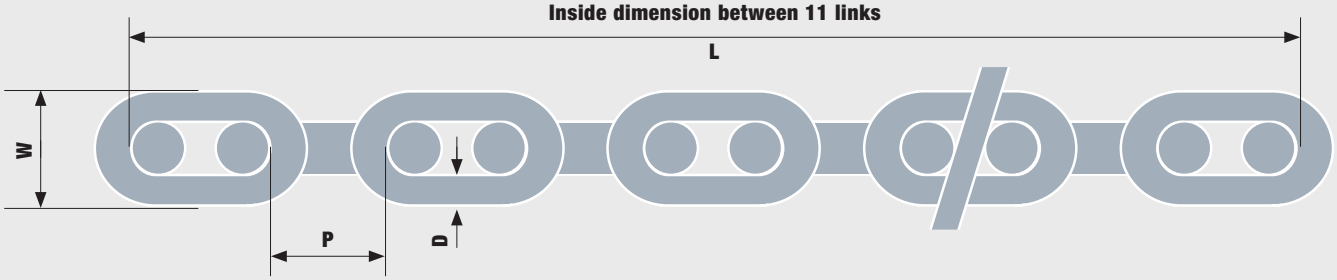
(7038) **(7369)**

CHAINWHEEL SELECTION GUIDE

In order for your windlass to retrieve and deploy the anchor and chain smoothly, without jamming, it is vitally important that the chain and chainwheel (gypsy) match.

Unfortunately all chains (whether metric or imperial) are not necessarily manufactured to the same tolerances for a given chain size. Therefore, Maxwell has devised a global chain and chainwheel spreadsheet which will help you to figure out what chainwheel you need to order, for the chain you are using, to fit and work correctly with your Maxwell windlass.

If you know the chain size and manufacturer, then simply go to the link below in the Maxwell web site, look up your chain, scroll down to your windlass and a dot in the matrix will indicate and guide you to the chainwheel to be used with your specific windlass and chain. If you do not know the chain size and manufacturer, then use the illustrated chain diagram (refer below) and indicated dimensions information to 'measure' your chain. Send this information to your Maxwell dealer, who will then help you figure out what chain you are using and therefore what chainwheel must be used with your Maxwell windlass.



P = Pitch length inside link **D = Chain wire diameter** **W = width outside the link** **L = inside dimension between 11 links.**

Please take an 11 link section of your chain, lay it out in a stretched out straight line and measure the dimensions as indicated

DOWNLOAD THE MAXWELL CHAINWHEEL SELECTION GUIDE SPREADSHEET www.maxwellmarine.com/support_chainwheel.php

CHAINWHEEL SELECTION GUIDE																																	
	DIN766		EN818	TO SUIT APPROXIMATE BOAT SIZE																													
CHAIN	HOT DIP GALVANISED	STAINLESS STEEL	HOT DIP GALVANISED	4M	(15FT)	5M	(16FT)	6M	(19FT)	7M	(22F)	8M	(26FT)	9M	(30FT)	10M	(32FT)	12M	(38FT)	14M	(45FT)	16M	(52FT)	18M	(58FT)	20M	(65FT)	22M	(72FT)	24M	(78FT)
15/64"	SP3105	SP4471	N/A																														
9/32"	SP4049	N/A	N/A																														
5/16"	SP4050	SP4207	N/A																														
25/64"	SP4051	SP2514	SP4012																														
15/32"	N/A	N/A	SP3666																														
33/64"	SP4052	SP4474	N/A																														

CHAIN INFORMATION

There are various Grades of short link chain. The Grade relates to the raw metal quality, strength and finishing process. Both galvanised and stainless steel chains are available.

Chain Specification is the Standard a chain must be manufactured to in order to comply with a given International Standard.

Outside of North America the most common types of metric short link chain are DIN766 and EN-818. Within North America the most common imperial chains are BBB and G40.

The important thing to keep in mind is to select a chain grade and specification that complies with recognised standards.

In addition to the chains listed above, Maxwell can supply a variety of alternatives to meet any market demand. Contact your nearest Maxwell Dealer.

When it comes to anchoring, Maxwell provides the ultimate anchoring solution backed by sound advice and after sales service. A full range of anchoring accessory items are available. Please contact your nearest Maxwell office or local distributor for helpful advice and assistance.

ROPE AND CHAIN

Maxwell can supply a full range of anchor rodes including chain only, rope only or pre-spliced combination rope and chain rodes. Chain, suitable for vessels up to 300 feet (100 metres) is available in short or stud link variations in both metric and imperial sizes. Maxwell provides 8-plait (brait) nylon rope commonly used on vessels up to 65 feet (20 metres) in length as well as ropes and hawsers commonly seen on Superyachts.

STANDARD COMBINATION ROPE CHAIN KITS						
CHAIN Ø	CHAIN LENGTH	ROPE Ø	ROPE LENGTH			
			164 ft	328 ft	492 ft	656 ft
15/64"	32 ft	15/32"	SP2627	SP2628	SP2629	SP2630
15/64"	65 ft	15/32"	N/A	SP2643	N/A	N/A
5/16"	32 ft	35/64"	SP2631	SP2632	SP2633	SP2634
5/16"	65 ft	35/64"	SP2644	SP2642	N/A	N/A
25/64"	32 ft	5/8"	SP2648	SP2649	N/A	N/A
25/64"	65 ft	5/8"	SP2645	SP2646	N/A	N/A

Custom lengths available. Contact your Maxwell Dealer.

NYLON 8 PLAIT ROPE

12MM (SP3167) **14MM (SP3168)**
16MM (SP3169) **20MM (SP3170)**

CHAIN SNUBBERS

Chain snubbers are an alternative method of taking the load off the windlass and are recommended to secure the anchor while underway. Available in rope versions with chain clevis hook (A) or snap shackle (B) and in various sizes: 1/4" (6 mm) 5/16" (8 mm), 3/8" (10 mm), 1/2" (13 mm).

(A)

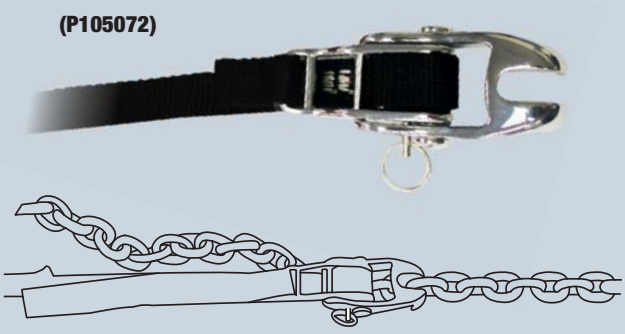
6 MM (SP3174)
8 MM (SP3175)
10 MM (SP3176)

(B)
SPECIAL ORDER ONLY

MAXWELL ANCHOR TENSIONER

The innovative Maxwell Anchor Tensioner® is designed to meet market demand for a simple, easy to use and adjustable anchor tensioner which secures the anchor firmly into the bow roller, taking the weight off the windlass and preventing accidental deployment of the anchor while under way. Secured to an existing cleat or bollard, there is no installation required. Simply loop the bitter end of the high strength webbing, which has 18" (500 mm) of adjustability, over a cleat or bollard, engage the tensioner 'claw' on the chain and lock the cam-action lever; which can be further secured with a quick release pin (supplied).

(P105072)



- Suitable for use with 1/4" (7 mm) to 1/2" (12 mm) short link chain.
- Not to be used as a snubber while laying at anchor.
- Do not use the windlass capstan to secure bitter (looped) end of webbing.

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 282.

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
	Reversing Solenoids																
P100715	Reversing Solenoid 12V			(•)	(•)	(•)											
P11121	Reversing Solenoid 24V			(•)	(•)	(•)											
P19045	Reversing Solenoid 12V						(•)	(•)	(•)	(•)	(•)	(•)	(•)	(•)	(•)	(•)	(•)
P19046	Reversing Solenoid 24V						(•)	(•)	(•)	(•)	(•)	(•)	(•)	(•)	(•)	(•)	(•)
	Single Direction Solenoids																
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)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Compact Foot Switches																
P104809	Foot Switch Covered (White)			•	•	•	•	•	•	•	•	•	•	•	•	•	•
P104810	Foot Switch Covered (Black)			•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Remote Panel (Up/Down)																
P102938	Toggle Switch			•	•	•	•	•	•	•	•	•	•	•	•	•	•
P102983	Push Button			•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hand Held Wired Roving Control																
P102933	Roving Control Two Button			•	•	•	•	•	•	•	•	•	•	•	•	•	•
P102992	AA320 Roving Control Two Button			•	•	•	•	•	•	•	•	•	•	•	•	•	•
P102995	AA342 Roving Control Two Button			•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Hand Held Wireless Remote Control																
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	6.5 ft (2 m) Dual Installation Connection cable			•	•	•	•	•	•	•	•	•	•	•	•	•	•
SP4156	21 ft (6.5 m)			•	•	•	•	•	•	•	•	•	•	•	•	•	•
SP4157	49 ft (15 m)			•	•	•	•	•	•	•	•	•	•	•	•	•	•
SP4153	65 ft (20 m)			•	•	•	•	•	•	•	•	•	•	•	•	•	•
SP4155	Dual Instalation "T" Connector			•	•	•	•	•	•	•	•	•	•	•	•	•	•
SP4192	Gender Adaptor (to join 2 sensor cables)			•	•	•	•	•	•	•	•	•	•	•	•	•	•

Additional Anchoring Accessories Selection Guide Information

MAXSET Anchors

Stainless Steel	Galvanised	Anchor Weight
P105070	P105069	9lbs/4kg
P105055	P105000	13lbs/6kg
P105056	P105001	22lbs/10kg
P105057	P105002	35lbs/16kg
P105058	P105003	44lbs/20kg
P105059	P105004	55lbs/25kg
P105067	P105005	66lbs/30kg
P105068	P105006	88lbs/40kg

MAXCLAW Anchors

P105060	11lbs/5kg
P105061	17lbs.7.5kg
P105062	22lbs/10kg
P105063	33lbs/15kg
P105064	44lbs/20kg
P105065	66lbs/30kg
P105066	88lbs/40kg

MAXSET Bow Rollers

Satin Finish	Polished Finish	Anchor Weight
P105070	P105069	9lbs/4kg
P105055	P105000	13lbs/6kg
P105056	P105001	22lbs/10kg
P105057	P105002	35lbs/16kg
P105058	P105003	44lbs/20kg
P105059	P105004	55lbs/25kg
P105067	P105005	66lbs/30kg
P105068	P105006	88lbs/40kg

Bow Rollers

P104330	Hinged # 1 up to 5/16" 8mm chain
P104331	Hinged # 2 up to 1/2" 13mm chain
P104332	Fixed # 1 up to 5/16" 8 mm chain
P104333	Fixed # 2 up to 5/16" 8mm chain
P104334	Fixed # 3 up to 1/2" 13mm chain
P104340	Extendable hinged up to 1/2" 13mm chain
P104374	Fixed with anchor loop up to 1/2" 13mm chain

Chain Stoppers

P104335	Economy 5/16"-3/8" 8mm-10mm chain
P104372	Removable Levered Pawl 5/16" 8mm chain
P104373	Removable Levered Pawl 3/8" 10mm chain
P104374	Removable Levered Pawl 1/2" 13mm chain
P104358	Height Matched 5/16"-3/8" 8mm/10mm chain
P104359	Height Matched 3/8"-1/2" 10mm/13mm chain

Anchor Swivels

P104370	Stainless Steel 750 kg load 1/4"-5/16" 6mm-8mm chain
P104371	Stainless Steel 1500 kg load 3/8"-1/2" 10mm-13mm chain

Chain Snubbers and Tensioners

SP3174	Snubbing Hook 1/4" 6/7mm chain
SP3175	Snubbing Hook 5/16" 8mm chain
SP3176	Snubbing Hook 3/8" 10mm chain
P101100	Adjustable Devil's Claw/Tensioner 1/2" 13mm chain

Crank Handles

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 for a complete list of service centres, agents and distributors.

3YEAR Limited Warranty

www.maxwellmarine.com

Maxwell's ongoing commitment to customer service and technological excellence can be viewed online at 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.

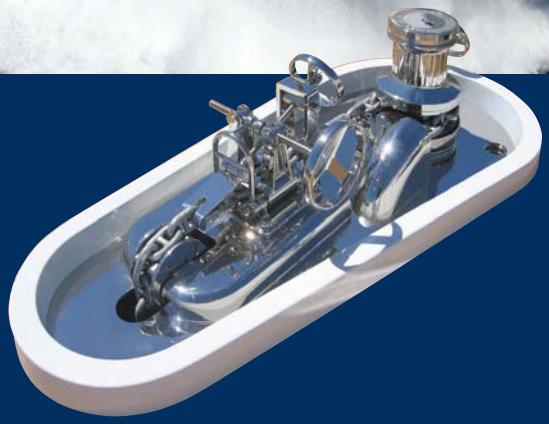
Superyacht Windlasses and Capstans

For over four decades Maxwell Marine has been supplying anchoring solutions to the global marine market. The Superyacht industry poses unique challenges. Quality, reliability and style are a must. Owners and captains depend on the finest equipment aboard their luxurious vessels to see them safely around the world or cruising in their home waters. Maxwell Marine has become the manufacturer of choice on many of the world's Superyachts.

The 21st century has presented Maxwell Marine with new opportunities and challenges. Larger Superyachts mean larger windlasses and anchor handling equipment. In response Maxwell has continued to develop and expand its highly successful 'SY' Series Superyacht windlasses. Complemented by new and innovative deck gear, such as integrated Roller-Stopper-Tensioners, Compressor-Roller-Tensioners and Chain Pipe-Rollers, Maxwell is able to meet the demands for a complete and integrated anchoring package for Megayachts.

All Superyacht products are manufactured to the stringent international requirements of ISO9001 and are covered under the European CE standard. Maxwell Superyacht products are, and can be, certified to any of the major classification societies such as Lloyds, DNV, ABS, BV, etc.

For more information about Maxwell Marine's extensive range of Superyacht products and services, see the new Superyacht catalogue and information guide or visit www.maxwellmarine.com alternatively contact: superyacht@maxwellmarine.com.



VWC SERIES

VWC6000 Hydraulic with Band Brake

The NEW
SY38

The SY38 is the latest in Maxwell's SY Series of Superyacht windlasses; developed and built to handle up to 38mm stud link chain and suitable for vessel lengths up to approximately 100 metres. The SY Series gives Maxwell the ability to offer customers highly competitive, top quality anchoring equipment, without over or under specifying power, strength, reliability or performance.

Developed and engineered in response to the demand for bigger and stronger anchor windlasses for today's larger Superyachts and Megayachts, Maxwell has once again broken through the innovation boundary.

For over four decades the name Maxwell has been synonymous with the highest standards of excellence in marine engineering. By providing superior anchoring solutions for pleasure boats, superyachts and commercial vessels, Maxwell has earned a global reputation for quality without compromise. A reputation built upon ongoing research and development, innovation in design and a commitment to style that is unparalleled in the industry. Maxwell has become an industry leader by analysing the needs of boats and boat owners around the world and producing equipment that consistently exceeds customer expectation.

Maxwell Marine has enjoyed a period of expansion and broadened horizons. As a company trusted for delivering on the promise of Anchoring Excellence, Maxwell Marine continues to supply a growing product range.

Maxwell Marine is represented by a strong international distribution network, a proven track record and a portfolio of products that are at home on many of the world's finest and most admired boats. The quality of Maxwell Marine products and their performance as a company is assured by its certification under the stringent requirements of ISO9001 and CE. In addition to their head office in Auckland, New Zealand, Maxwell Marine has a separate sales and distribution office in Maryland, USA which services North and South America. All of Australia is covered from Brisbane, Queensland; while distributors and customers in Europe, the Middle East, Asia and Africa are serviced from Schiedam in Holland. An extensive global dealer and service network supports these main centres.

When it comes to securing your investment, selecting the right anchor winch for your vessel is one of the most important decisions you will make. A windlass too small for the job will not only result in frustration when the going gets tough but could ultimately compromise vessel and crew safety. Choosing the right anchor winch is crucial for peace of mind and trouble free boating. Refer to pages 282 - 283 for Maxwell's easy to follow chart and guide to windlass and capstan selection.

Maxwell electric windlasses meet the EMC requirements.

Tips

1. To ensure the proper use and maintenance of your windlass, it is important that you read the User Manual provided with your product.
2. To prevent possible damage to the gearbox from shock loading, the clutch cones should be greased regularly and adjusted so that they slip under heavy loads. Your windlass manual has complete instructions on this procedure.
3. Check the oil level in the gearbox of your windlass. This should be between half and three quarters full in the sight glass.
4. Replace seals and v-rings every three years depending on usage. Your windlass manual has a complete maintenance schedule.
5. Always use the boat's engine(s) to motor to the anchor while using the windlass to retrieve the anchor rode and anchor. Do not use the windlass to pull the boat to the anchor!
6. Always secure the anchor rode to a secure point (bollard, cleat, chainstopper) when at anchor or underway. Do not anchor off the windlass. It is not designed to absorb anchoring shock loads.
7. Wash down the above deck components of your windlass with fresh water after every use. Below deck components should be regularly inspected and cleaned to prevent accumulation of salt deposits.
8. To prevent electrical problems, check tightness of all connections once per year. Clean and coat motor and electrical connections with a protective spray to prevent corrosion.
9. Check the anchor rode for wear/corrosion and replace if necessary. For all rope/chain windlasses, particular care should be paid to the splice between the rope and chain and to the connections between the chain/swivel and shackle/anchor. If the rope has become hardened from salt deposits it can be softened by soaking overnight in fresh water and fabric softener.
10. As with any machinery, ensure that clothing, fingers, toes, etc, are kept well clear of the windlass while it is being operated.