

The WVC 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



Features

- Fully automatic single or dual direction chainwheel operation.
- High-quality finish on above-deck components. Heavy chrome over marine-grade bronze.
- 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 2200 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 on 1000 and 1500 models. Marine-grade alloy gearbox housing, finished with a two coat paint system on 2200, 2500 and 3500 models.
- Heavy duty, dual direction motor, designed for marine winches.
- Low Profile configurations (no warping drum) are available.

SPECIFICATIONS

MODEL	1000	1500	2200	2500	3500
Maximum Pull	455kg 1000lbs	680kg 1500lbs	1000kg 2200lbs	1135kg 2500lbs	1590kg 3500lbs
Chain Short Link	6-10mm 1/4"- 3/8"	6-10mm 1/4"- 3/8"	9-11mm 5/16"- 7/16"	9-11mm 5/16"- 7/16"	10-13mm 3/8"- 1/2"
Line Speed (Normal Working)	18m/min 60ft/min	18m/min 60ft/min	15m/min 50ft/min	14.5m/min 48ft/min	10m/min 33ft/min
Power Supply (DC)	12 or 24V	12 or 24V	12 or 24V	24V only	12 or 24V
Motor (Watts)	1000W	1200W	1200W	1500W	1200W
Net Weight - DC	24kg 52lbs	24kg 52lbs	41kg 90lbs	41kg 90lbs	48kg 106lbs
Hydraulic Pressure	100bar 1450PSI	138bar 2000PSI	135bar 1950PSI	N/A N/A	138bar 2000PSI
Hydraulic Flow	20 l/min 5.3USgal/min	20 l/min 5.3USgal/min	36 l/min 9.5USgal/min	N/A N/A	42 l/min 11USgal/min
Net Weight - Hyd	17kg 37lbs	17kg 37lbs	35kg 77lbs	N/A N/A	40kg 88lbs

DIMENSIONS

MODEL	1000	1500	2200	2500	3500
A	80mm 3 1/8"	80mm 3 1/8"	94mm 3 11/16"	94mm 3 11/16"	110mm 4 5/16"
B	195mm 7 11/16"	195mm 7 11/16"	242mm 9 9/16"	242mm 9 9/16"	254mm 10"
B ¹ (Low Profile)	98mm 3 7/8"	98mm 3 7/8"	148mm 5 27/32"	148mm 5 27/32"	149mm 5 7/8"
C	56mm 2 7/32"	56mm 2 7/32"	80mm 3 5/32"	80mm 3 5/32"	83mm 3 9/32"
D	252mm 9 5/16"	252mm 9 5/16"	290mm 11 13/32"	246mm 9 11/16"	290mm 11 13/32"
E	262mm 10 11/32"	272mm 10 23/32"	182mm 7 5/32"	338mm 13 5/16"	185mm 7 9/32"
F	224mm 8 27/32"	224mm 8 27/32"	297mm 11 23/32"	297mm 11 23/32"	342mm 13 7/16"
G (Std deck clearance)*	100mm 4"	100mm 4"	100mm 4"	100mm 4"	100mm 4"
G ¹ (Extra deck clearance)^	150mm 6"	150mm 6"	200mm 8"	200mm 8"	200mm 8"
H (Working height of drum for rope warping)	44mm 1 3/4"	44mm 1 3/4"	33mm 1 5/16"	33mm 1 5/16"	29mm 1 1/8"
I	165mm 6 1/2"	165mm 6 1/2"	190mm 7 1/2"	190mm 7 1/2"	215mm 8 15/32"

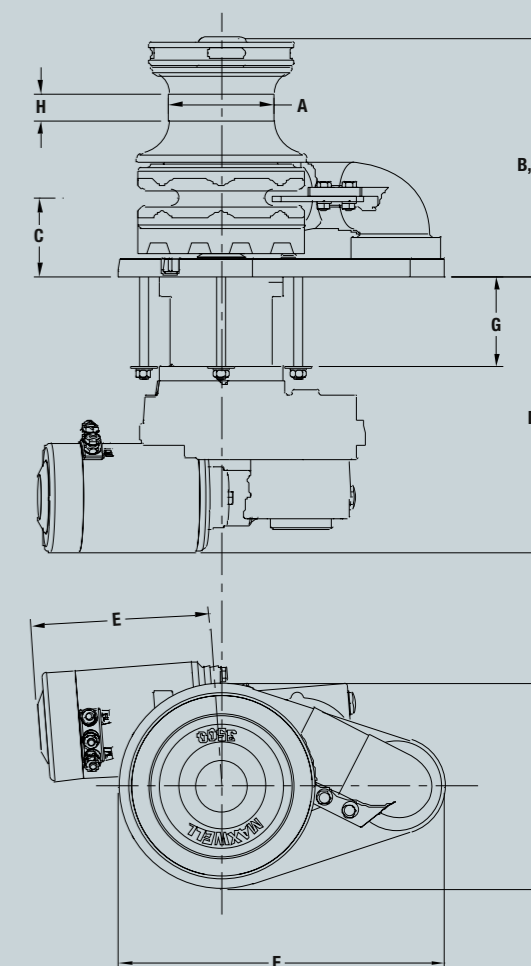
*For WVC1000 and WVC1500 a shorter deck clearance version is also available at 50mm (2").
^ A deck clearance increase will also increase the 'D' measurement by the same increment.



WVC3500 Band Brake featuring Maxwell's innovative 'stow-a-way' tensioning lever



WVC3500 without Band Brake



WVC3500 model is available with optional easy to use Band Brake



WVC2200



STANDARD EQUIPMENT REQUIRED FOR SINGLE DIRECTION CONTROL

- Circuit breaker/isolator panel (supplied with DC units only)
- Foot Switches (supplied with DC units only)
- Chainwheel to suit chain sizes specified
- Emergency crank handle and clutch control lever

OPTIONS

- Additional foot Switches
- Traditional bronze finish
- Chain Stopper*
- Up/Down remote control panel
- Extra deck clearance kit
- AutoAnchor™ Equipment
- Compact Remote
- Roving remote
- Hydraulic motor

***Important:** Maxwell windlasses must be used in conjunction with a chain stopper and/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.



WVC1500 Low Profile configuration