

# HOLLAND MARINE PRODUCTS

## Crystal/Aster Windlass Deals



### Crystal Vertical Windlass

The Crystal is a very popular, low profile, vertical windlass with a corrosion resistant, chrome-plated bronze body. The Crystal has one of the highest maximum pull ratings in its class.

Includes: clutch handle, integrated chain counter circuitry, and solenoid, Power up, power down, or manual free-fall lowering. Automatic rope/chain transition on the same gypsy. Chain pipe has flip-up lid for easy inspection. Permanent magnet motor runs longer and cooler at its rated power output and with lower amp draw than the equivalent series wound motors and is sealed and coated to be waterproof to IP67 standards. Patented epicyclic (planetary) transmission is up to 40% more efficient than traditional gearing, and is permanently lubricated by marine grease.

**PRICES VALID FOR STOCK ON HAND ONLY!!**

### Crystal Series 600 - For Boats 18-29 ft.

-Deck thickness 25/32" - 1-9/16" (20-40mm)



			LIST	
<b>94-166A</b>	500W, 12V w/ Drum	1/4" Chain	<b>\$ 1415.00</b>	<b>\$ 699.99</b>
<b>94-166AM</b>	500W, 12V w/ Drum	7mm Chain	<b>\$ 1415.00</b>	<b>\$ 699.99</b>

### Aster Vertical Windlass

The popular Aster is a low-profile, vertical windlass with a corrosion resistant, chrome-plated bronze body. A manual free-fall mechanism releases the gypsy allowing for quick anchor lowering in deep water, or when it is necessary to anchor quickly in a particular spot when fishing or entering a crowded anchorage.

Including clutch handle, integrated chain counter circuitry, and solenoid. Power up, power down, or manual free-fall lowering of ground tackle. Automatic rope/chain transition on the same gypsy. Chain pipe has flip-up lid for easy inspection. Drum option allows for independent warping of a second line. Permanent magnet motor runs longer and cooler at its rated power output and with lower amp draw than equivalent series wound motors, and is sealed and coated to be waterproof to IP67 standards. Worm drive sealed gearbox is permanently lubricated by gear oil.

**PRICES VALID FOR STOCK ON HAND ONLY!!**

### Aster Series 300W - For Boats 18-22 ft.

			LIST	
<b>94-121A</b>	300W, 12V w/ Drum	1/4" Chain	<b>\$ 1254.00</b>	<b>\$ 499.00</b>

### Aster Series 500W - For Boats 18-29 ft.

<b>94-131Z</b>	500W, 12V w/ Drum	1/4" Chain	<b>\$ 1415.00</b>	<b>\$ 599.99</b>
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### Aster Series 500W - For Boats 18-29 ft.

<b>94-131ND</b>	500W, 12V	1/4" Chain	<b>\$ 1302.00</b>	<b>\$ 599.99</b>
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### Aster Series 700W - For Boats 22-34 ft.

<b>94-140A</b>	700W, 12V w/ Drum	1/4" Chain	<b>\$ 1626.00</b>	<b>\$ 749.99</b>
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