

## OSCULATI 02.412.04

# ITALWINCH Heron Windlass - 1500W - 24V User Manual

Brand: OSCULATI | Model: 02.412.04

## 1. PRODUCT OVERVIEW

The ITALWINCH Heron Windlass is a robust and reliable anchoring solution designed for marine applications. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Heron Windlass, model 02.412.04, featuring a 1700W motor and operating on a 24V electrical system. Please read this manual thoroughly before attempting any installation or operation.



This image displays the ITALWINCH Heron Windlass, featuring a shiny, ribbed capstan made of stainless steel, mounted atop a black motor unit. The design indicates a robust construction suitable for marine environments.

## 2. SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your windlass. It is recommended that installation be performed by a qualified marine technician.

### 2.1 Mounting Location

- Choose a location on the deck that is structurally sound and can support the forces exerted by the windlass during operation.
- Ensure adequate space for anchor rode (chain/rope) locker below.
- Verify that the hawse pipe aligns correctly with the anchor rode path.

## 2.2 Electrical Wiring (24V DC)

The windlass requires a dedicated 24V DC power supply. Use appropriately sized marine-grade wiring to prevent voltage drop and overheating.

- Connect the positive (+) terminal of the windlass motor to the positive terminal of the 24V battery bank via a suitably rated circuit breaker or fuse.
- Connect the negative (-) terminal of the windlass motor to the negative bus bar or battery negative.
- Ensure all connections are clean, tight, and protected from corrosion.
- Install a control switch (e.g., foot switch or helm switch) according to the wiring diagram provided with the windlass.

**Warning:** Incorrect wiring can lead to severe damage to the windlass, electrical system, or personal injury. Consult a professional if unsure.

## 3. OPERATING INSTRUCTIONS

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Familiarize yourself with the windlass controls and safety procedures before operating.

### 3.1 Safety Precautions

- Always keep hands and clothing clear of moving parts.
- Do not operate the windlass under excessive load.
- Ensure the anchor rode is clear of obstructions before deployment or retrieval.
- Never use the windlass to pull the boat; it is designed to retrieve the anchor.
- Always secure the anchor with a snubber or chain stopper once deployed and set.

### 3.2 Deployment (Lowering the Anchor)

1. Ensure the vessel is in a safe position for anchoring.
2. Release any anchor securing devices (e.g., chain stopper).
3. Press and hold the "DOWN" button or foot switch to lower the anchor.
4. Monitor the anchor rode as it deploys to ensure it runs freely.
5. Once the desired scope is achieved, release the button.
6. Secure the anchor rode with a chain stopper or snubber line to take the load off the windlass.

### 3.3 Retrieval (Raising the Anchor)

1. Start the vessel's engine to provide adequate power and assist in moving towards the anchor.
2. Remove the chain stopper or snubber line.
3. Press and hold the "UP" button or foot switch to retrieve the anchor.
4. Move the vessel slowly towards the anchor to reduce the load on the windlass.
5. Once the anchor is fully retrieved and secured, ensure the windlass is disengaged or powered off.

## 4. MAINTENANCE

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Regular maintenance will extend the life and ensure the reliable operation of your windlass.

- **Cleaning:** Rinse the windlass with fresh water after each use, especially in saltwater environments, to remove salt residue.
- **Inspection:** Periodically inspect all visible components for signs of wear, corrosion, or damage. Check electrical connections for tightness and corrosion.

- **Lubrication:** Refer to the specific lubrication points indicated in the windlass's detailed diagram (if provided separately). Generally, moving parts and gearboxes may require periodic lubrication with marine-grade grease or oil.
- **Fasteners:** Check all mounting bolts and fasteners for tightness. Re-tighten as necessary.

**Note:** For internal component maintenance or repair, it is recommended to contact a qualified service technician.

## 5. TROUBLESHOOTING

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This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Windlass does not operate.	No power; tripped circuit breaker/fuse; faulty switch; loose wiring connection.	Check battery voltage; reset circuit breaker/replace fuse; inspect switch and wiring connections.
Windlass operates slowly or with reduced power.	Low battery voltage; undersized wiring; excessive load; motor overheating.	Charge batteries; verify wiring gauge; reduce load by motoring towards anchor; allow motor to cool.
Anchor rode jams or slips.	Incorrect rode size/type; worn gypsy; fouled rode.	Ensure correct rode for gypsy; inspect gypsy for wear; clear any obstructions from rode path.

If the problem persists after attempting these solutions, contact a qualified service technician.

## 6. SPECIFICATIONS

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Attribute	Detail
Brand	OSCULATI
Model Number	02.412.04
Power	1700 Watts
Voltage	24 Volts
Material	Stainless Steel
ASIN	B07MJ77PWP
First Available on Amazon.fr	1 November 2023

## 7. WARRANTY AND SUPPORT

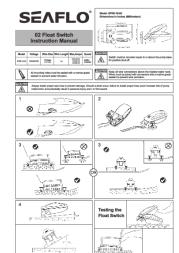
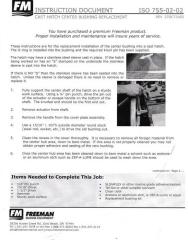
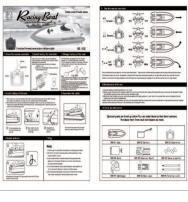
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Information regarding the specific warranty terms and conditions for the ITALWINCH Heron Windlass (Model 02.412.04) was not available in the provided product data. Please refer to the product packaging or contact the manufacturer, OSCULATI, directly for warranty details and technical support.

For general inquiries or assistance, you may also visit the official OSCULATI website or contact their customer service department.



## Related Documents - 02.412.04

	<p><a href="#"><b>Fissler vitavit® premium Pressure Cooker: User Manual &amp; Care Guide</b></a></p> <p>Comprehensive guide to using, cleaning, and maintaining your Fissler vitavit® premium pressure cooker for safe and efficient cooking. Learn about safety features, cooking levels, cleaning, and troubleshooting.</p>
	<p><a href="#"><b>SEAFLO 02 Float Switch Instruction Manual - Installation and Operation Guide</b></a></p> <p>Comprehensive instruction manual for the SEAFLO 02 Float Switch (Model SFBS-18-02). Covers installation, wiring, testing, and operating principles for marine bilge pump systems. Includes safety precautions and specifications.</p>
	<p><a href="#"><b>Freeman Marine Cast Hatch Center Bushing Replacement Instructions</b></a></p> <p>Step-by-step guide for replacing the center bushing in a Freeman Marine cast hatch, including necessary tools and materials for proper installation and maintenance.</p>
	<p><a href="#"><b>SEAFLO Electric Flush Pump Installation Manual</b></a></p> <p>Installation manual for SEAFLO Electric Flush Pump conversion kits (SFMTP1-02, SFMTP2-02), providing instructions for installation, operation, maintenance, and troubleshooting of marine toilet systems.</p>
	<p><a href="#"><b>SEAFLO Ultrasonic Defense System: Installation and Operation Guide</b></a></p> <p>Comprehensive guide to installing and operating the SEAFLO Ultrasonic Defense System for marine antifouling, detailing its features, benefits, technical specifications, and installation procedures.</p>
	<p><a href="#"><b>HEYUAN Racing Boat NO. 800: User Manual and Operation Guide</b></a></p> <p>Comprehensive guide for the HEYUAN Racing Boat NO. 800, covering remote controller operation, battery installation and charging, boat assembly, maintenance, and parts. Learn how to safely operate and care for your radio-controlled boat.</p>

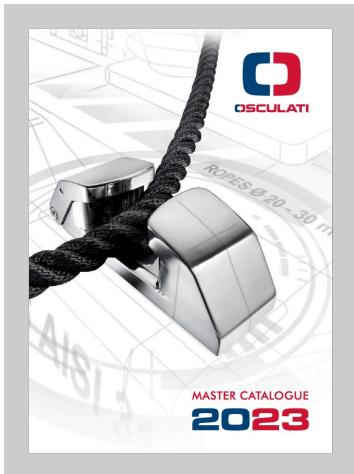


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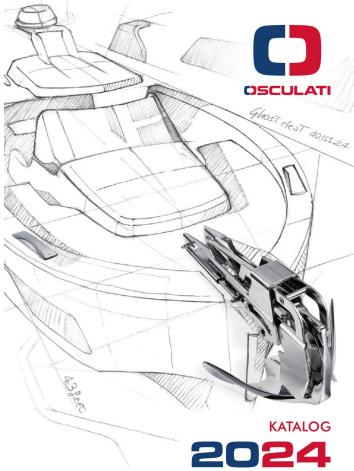


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