

# Double Chamber Inflatable Life Jacket 150N (MED/SOLAS Approved)

Model: HXCQY-S150N IMPA: 330166

## Technical Specifications

- **Type of Buoyancy:** Inflatable
- **Buoyancy:**  $\geq 150\text{N}$
- **Buoyancy loss after 24hrs:**  $\leq 5\%$
- **Number of Inflatable Chambers:** 2
- **Speed of Inflation:**  $\leq 5\text{s}$
- **Main Components:**
  - Inflatable Chamber Material:** Nylon fabric with TPU backing
  - Life Jacket Cover Material:** Oxford with PVC backing
  - CO2 Gas Cylinder:** 33g
  - Buckle Material:** Nylon
  - Straps Material:** 38mm/25mm width black Polyester straps
  - Whistle Material:** PVC material
- **User Suitability:** Adults of weight  $>43\text{kg}$  and height  $\geq 155\text{cm}$

## Certifications

- **Approval:** RINA certificate
- **Testing Standards:** IMO Res.MSC 81(70) as amended
- **Reference Standards:** SOLAS 74 Reg.III/7, SOLAS 74 Reg.III/22, SOLAS 74 Reg.III/34, IMO Res.MSC.36(63)-(1994 HSC Code) 8, IMO Res.MSC.48(66)-(LSA Code) I, IMO Res.MSC.48(66)-(LSA Code) II, IMO Res.MSC.97(73)-(2000 HSC Code) 8, IMO MSC.1/Circ.1470. IMO MSC.1/Circ.1628



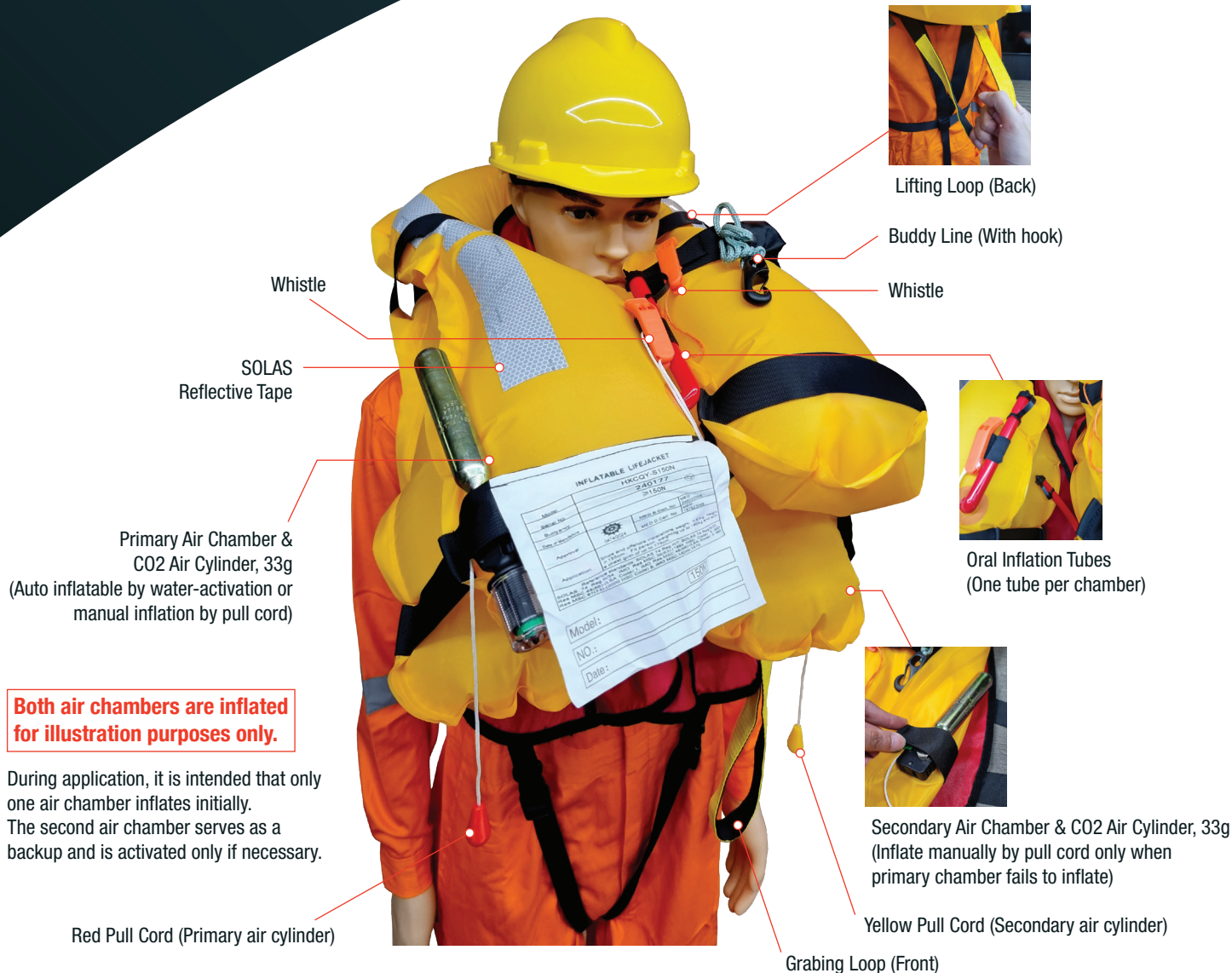
## MARINE SAFETY ESSENTIALS

We Offer On-Board Firefighting And  
Marine Safety Essentials

Disclaimer: Accuracy of all technical data and information are provided to the best knowledge of the manufacturer. Properties, specifications and application parameters are subject to change without notice. The manufacturer does not undertake any liability of any kind whatsoever.

Mars Safety International Pte Ltd is the Singapore Overseas Branch of Dongtai Martian Ship Equipment Co., Ltd.

No.1 Tuas Link 1, Singapore 638583 Tel.: +65 6862 1212 Fax: +65 6897 9959 For Orders, please send enquiry to [Sales@mars-safety.com](mailto:Sales@mars-safety.com)



**Both air chambers are inflated for illustration purposes only.**

During application, it is intended that only one air chamber inflates initially. The second air chamber serves as a backup and is activated only if necessary.

### Product Features

- MED/SOLAS approved offshore inflatable life jacket with double chamber system, designed to offer superior safety by ensuring that even if one chamber fails, the life jacket can still perform its life-saving function.
- Ideal for commercial maritime activities, offshore work, or other high-risk environments.
- Capable of manual, oral, and automatic activation.
- Comes with SOLAS reflective tape, oral inflation tubes, two rescue whistles, buddy line, grabing loop, and lifting loop.
- Allows for waist and crotch fastening.
- Air chambers will inflate in less than 5 seconds when activated using CO2 air cylinders.

**Important Note:** Only primary air cylinder has water-activation capability, manual activation is required for the secondary air cylinder. **DO NOT** activate secondary air cylinder unless primary air chamber is damaged or fails to inflate.

### Add-On Accessories (Separate Order)



Life Jacket Light  
Model: HXYD-GD



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**User Suitability: Adults Only, Weight >43kg and Height ≥155cm**

### How To Use HXCQY-S150N Double Chamber Inflatable Life Jacket

**Read the instructions before use:**

- (1) Make sure both 33g CO2 air cylinders are tightly fitted.
- (2) Check every components before donning life jacket.
- (3) Wear it like a vest, make sure to fasten the front and crotch buckles, adjust the waist and crotch straps as tight and comfortably as possible.
- (4) **Automatic Activation:** Our double chamber inflatable life jackets is equipped with an automatic inflation mechanism. When the life jacket comes into contact with water, the primary chamber will automatically inflate. The secondary chamber remains uninflated unless needed.
- (5) **Manual Activation:** If the primary chamber fails to inflate or loses air for any reason, the secondary chamber can be manually activated using a pull cord. The design is intended so that only one chamber inflates initially. The second chamber serves as a backup and is activated only if necessary.
- (6) When loss of buoyancy occurs, use the oral inflation tube to blow air into the air chamber.
- (7) Handwash after use in clean water with mild detergent.
- (8) Do not machine wash, dry clean or use any other cleaning solutions on the life jacket.



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