

# ESCLUSIVE SAFETY TECNOLOGIES

Safety at sea is our main priority. We manage all research, design and production processes with the utmost care so as to offer certified equipment for all nautical fields, with the highest production standards. All research and development activities are certified by the Department of Applied Science and Technology of the Polytechnic University of Turin, in accordance with EU regulations.

## THE PRODUCTION PROCESS AND TRACEABILITY

With the aim of making inflatable life jackets more reliable, in 1994 Veleria San Giorgio introduced the Unique Product Code system. As the only manufacturer in the world to employ this type of technology, VSG is now able to identify all materials and individual components utilised through distinct alphanumeric codes.



**CERTIFICATO N. 26/91/S**  
**CERTIFICATE No.**

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI  
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

**VELERIA SAN GIORGIO S.R.L.**

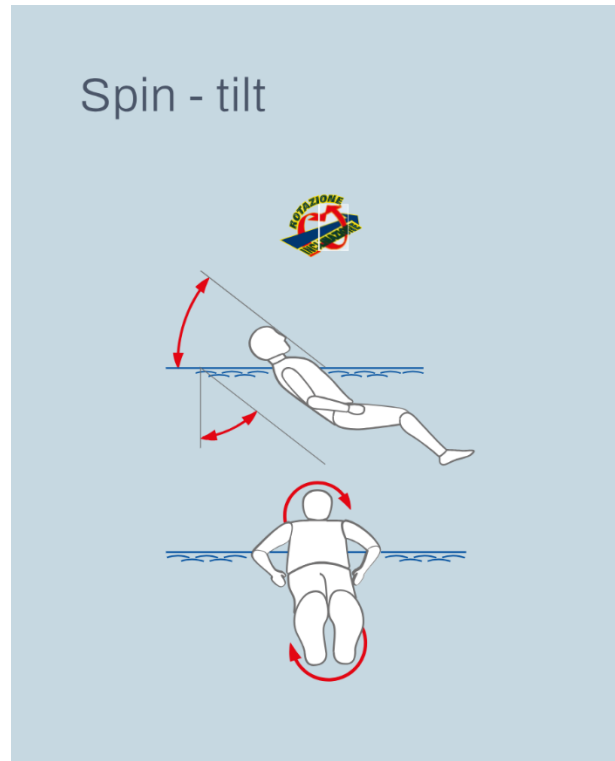
VIA A DE GASPERI 37H 16030 Casarza Ligure (GE) ITALIA  
NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIA A DE GASPERI 37H 16030 Casarza Ligure (GE) ITALIA

È CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD  
**ISO 9001:2015**

Production processes are controlled via software specially developed by VSG, covering 100% of production so each product can be traced back to its buyer with absolute precision. This drastically reduces manufacturing defects (less than 1/10000 of returns), guaranteeing each buyer a unique product in the truest sense of the word and - most importantly - the highest degree of safety when needed.

Thanks to their ergonomic features, our life jackets guarantee an optimal position in the water and great stability. In addition, the vests offer enough buoyancy to rotate and tilt an unconscious person, so as to always keep the airway out of the water.



The single-compartment X3D System three-dimensional buoyancy chamber is made of PA 420 OU COATED fabric with electronically controlled high-frequency welds. The system ensures rapid and immediate rotation of the body in the water.



# HX MODULE

**CHILD 100**  
**ADULT 150**  
**ADULT 275**



Inflatable life jacket certified SOLAS M.E.D. for professional use, with integrated ISO 12401 safety harness featuring a quick-release safety closure and side adjustment buckle.

Designed for professional activities carried out offshore and/or in adverse weather conditions, allowing the wearer to safely await potential rescue even in rough waters.

**MAIN FEATURES:**

- Breathable mesh collar
- Back straps compatible with most fall-arrest harnesses
- Zipper closure/opening with Quick Opening system
- Quick-release acetal buckle
- 316 stainless steel side adjustment buckle (adult version)
- Double ring for safety line (adult version)
- Recovery assistance handle
- Lifting handle
- Buddy System
- Double crotch straps with neoprene tubing (child version)



**Art. 02160**

**Art. 02140/25/HX**

<b>275</b> 	<b>CE</b> ISO 12402-3 ISO 12401	<b>ACTIVATOR</b> <b>A M</b> SYSTEM	<b>60 g</b> 1/2" GAS THREAD	<b>REFLECTIVE TAPE</b> 	<b>ORAL TUBE</b> 	<b>SPIN</b> 	<b>INCLINATION</b> 
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CODE	PRODUCT NAME	ACTUATION	ACTUATOR
02140/25/HX	MODULE 150 SOLAS	AUTOMATIC -DAA (double automatic actuator)	UML MK5
02141/25/HX	MODULE 150 SOLAS	AUTO – MAN -DAAM (double automatic manual actuator)	UML MK5 - MICROMANUAL
02142/25/HX	MODULE 150 SOLAS	AUTOMATIC -SAA (single automatic actuator)	UML MK5
02140/25/HX/H	MODULE 150 SOLAS	AUTOMATIC -DAA (double automatic actuator)	HAMMAR MA1/EC
02141/25/HX/H	MODULE 150 SOLAS	AUTO – MAN -DAAM (double automatic manual actuator)	HAMMAR MA1/EC - M1
02142/25/HX/H	MODULE 150 SOLAS	AUTOMATIC -SAA (single automatic actuator)	HAMMAR MA1/EC
02130/25/HX	MODULE 250 SOLAS	AUTOMATIC -DAA (double automatic actuator)	UML MK5
02131/25/HX	MODULE 275 SOLAS	AUTO – MAN -DAAM (double automatic manual actuator)	UML MK5 - MICROMANUAL
02132/25/HX	MODULE 275 SOLAS	AUTOMATIC -SAA (single automatic actuator)	UML MK5
02130/25/HX/H	MODULE 275 SOLAS	AUTOMATIC -DAA (double automatic actuator)	HAMMAR MA1/EC
02131/25/HX/H	MODULE 275 SOLAS	AUTO – MAN -DAAM (double automatic manual actuator)	HAMMAR MA1/EC - M1
02132/25/HX/H	MODULE 275 SOLAS	AUTOMATIC -SAA (single automatic actuator)	HAMMAR MA1/EC
02160	MODULE CHILD > 100 SOLAS	AUTOMATIC -DAA (double automatic actuator)	UML MK5

## FEATURES

<b>type</b>	Inflatable life jacket
<b>Actuators</b>	UML MK5 : ( 02140/25/HX - 02141/25/HX - 02142/25/HX - 02130/25/HX - 02131/25/HX - 02132/25/HX - 02160 ) UML Micro Manual: ( 02141/25/HX - 02131/25/HX ) Hammar MA1 EC: ( 02140/25/HX/H - 02141/25/HX/H - 02142/25/HX/H - 02130/25/HX/H - 02131/25/HX/H - 02132/25/HX/H ) M1: ( 02141/25/HX/H - 02131/25/HX/H - Oral tube on all versions
<b>Canister</b>	24 g Threading 1/2" GAS : ( 02160 ) 33 g Threading 1/2" GAS : (02140/25/HX - 02141/25/HX - 02142/25/HX - 02140/25/HX - 02141/25/HX/H - 02142/25/HX/H ) 60 g Threading 1/2" GAS : (02130/25/HX - 02131/25/HX - 02132/25/HX - 02130/25/HX/H - 02131/25/HX/H - 02132/25/HX/H )
<b>Actual buoyancy</b>	>100 N:02160 160 N: 02142/25/HX - 02142/25/HX/H 170 N: 02140/25/HX - 02141/25/HX - 02141/25/HX/H - 02140/25/HX/H 290 N:02132/25/HX - 02132/25/HX/H 310 N:02130/25/HX - 02131/25/HX - 02130/25/HX/H - 02131/25/HX/H
<b>Class</b>	100N: 02160 150N: 02142/25/HX - 02142/25/HX/H - 02140/25/HX - 02141/25/HX - 02141/25/HX/H - 02140/25/HX/H 275N :02132/25/HX - 02132/25/HX/H - 02130/25/HX - 02131/25/HX - 02130/25/HX/H - 02131/25/HX/H
<b>Closure system</b>	<b>Adult:</b> Safety harness with 45mm webbing, closure system with acetal resin quick-release buckle and integrated adjustment, double attachment for safety strap <b>Child:</b> Closure system with acetal resin quick-release buckle
<b>Certifications</b>	Adult: SOLAS M.E.D. - ISO 12401      child :SOLAS M.E.D.
<b>Size</b>	Adult ( 02140/25/HX - 02141/25/HX - 02142/25/HX - 02140/25/HX/H - 02141/25/HX/H - 02142/25/HX/H ) 02130/25/HX - 02131/25/HX - 02132/25/HX - 02130/25/HX/H - 02131/25/HX/H - 02132/25/HX/H ) Child ( 02160 )
<b>Supported Weight</b>	Adult: > 40 kg      Child: 15/ 43 kg
<b>Case</b>	Durable, soft fabric with PVC coating
<b>Chamber</b>	Material: PA 420 PU coated, fluorescent yellow color
<b>Product weight</b>	02140/25/HX ( 1568 g aprox )      02141/25/HX ( 1511 g aprox )      02142/25/HX ( 1344 g aprox ) 02140/25/HX/H (1545 g aprox )      02141/25/HX/H (1521g aprox )      02142/25/HX/H (1330 g aprox ) 02130/25/HX ( 1958 g aprox )      02131/25/HX ( 1901 g aprox )      02132/25/HX ( 1622 g aprox ) 02130/25/HX/H ( 1930 g aprox )      02131/25/HX/H ( 1907 g aprox )      02132/25/HX/H (1609 g aprox ) 02160 ( 1168 g aprox )
<b>Packaging</b>	Box 60 x 40 x 40 cm – (10 pcs per Child version) – (7 pcs per Adult version)
<b>Revision</b>	Every 12 months for all versions
<b>Optional accessories</b>	Child: Automatic emergency light PLB3 AIS, MOB2 RescueME, W480 MOB AIS + DSC Adult: Safety line, splash hood, automatic emergency light, hooks
<b>Included accessories</b>	Whistle, rearming kit, double leg strap
Veleria San Giorgio reserves the right to change technical specifications without prior notice	

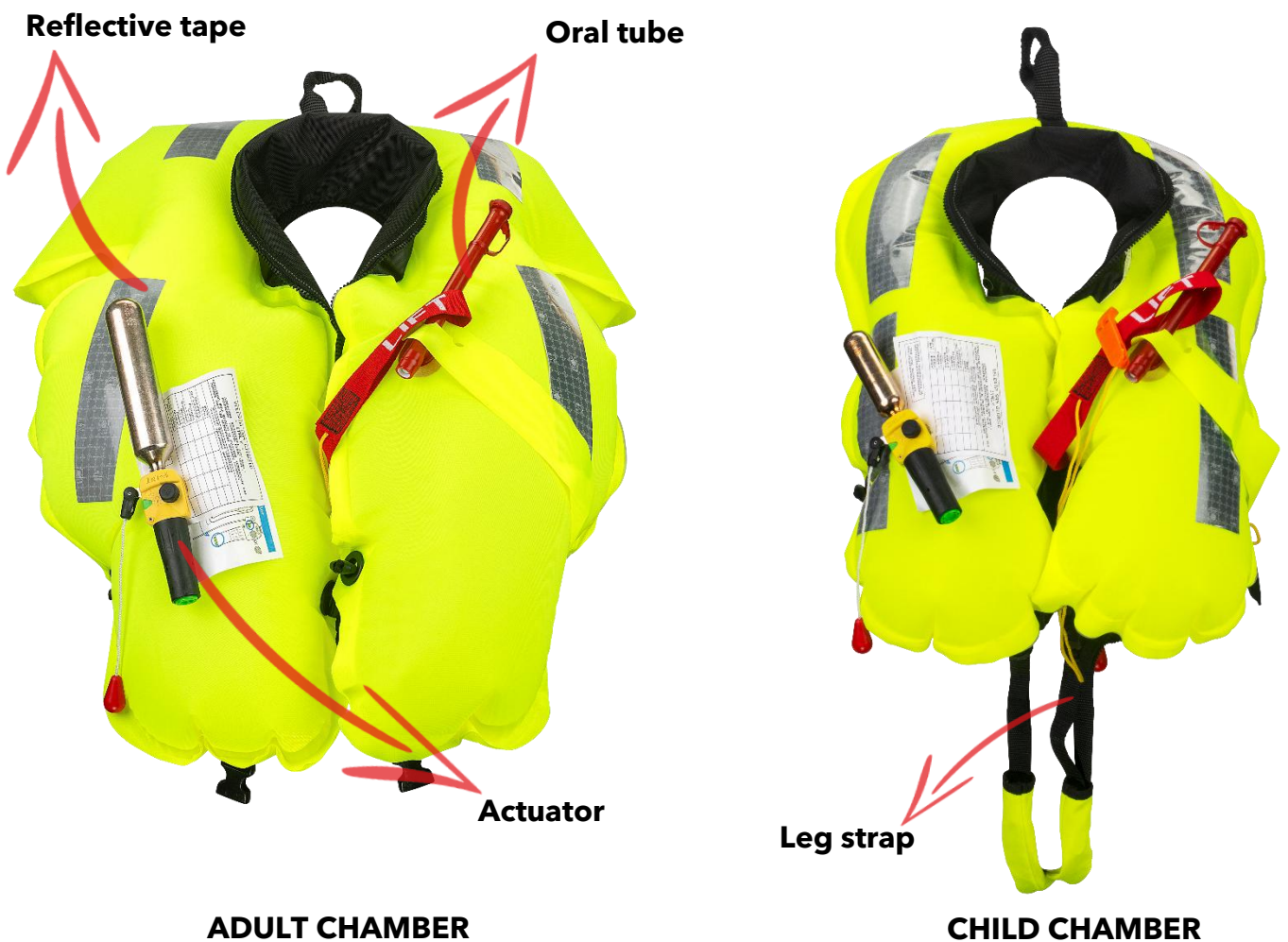
Dual-compartment flotation chamber with X3D rotation system, single-compartment version in PA 420 PU coated fabric with electronically controlled high-frequency welds. Designed to follow the body's ergonomics and optimize its position in the water. Thanks to its special V-shaped design, it ensures immediate body rotation and, through the "fin" structure positioned behind the neck, provides excellent head support and perfect stability for the user. The design of this chamber ensures the best freeboard (height of the airways above water) in the inflatable life jacket category.

### ACTIVATION SYSTEMS:


**Automatic:** In case of a fall into the water, the system is submerged and autonomously inflates the flotation chamber within 5 seconds. Automatic activation is possible with the UML MK5 or Hammar saline actuator, through the dissolution of a water-soluble tablet or pressure.

**Manual:** The system is operated by pulling the dedicated lever. It is supplied with the UML MICROMANUAL or Hammar M1 manual actuator and activates exclusively by hand.


**Oral:** This type of inflation occurs via the dedicated oral tube, non-return valve, and protective cap. To inflate the chamber, simply blow into the oral tube.





## SPARE PARTS


	Double leg strap 09150
	The use of this accessory improves body tilt, stability, and position in the water.


## SPARE PARTS


	2 steel hooks 11173
	Safety line, length 2 metres Material: stainless steel


	2 aluminum hooks 11174
	Safety line, length 2 metres Material: aluminium

	Elastic with 2 steel hooks
	Safety line, length: 2 metres Material: stainless steel

	Steel hook with ring 11178
	Safety line, length: 2 metres Material: stainless steel

	Splash hood 09145
	Reduces the risk of secondary drowning from inhaling sprayed water. Improves visibility and identification of the person

	W480 MOB AIS+ DSC 41052
	The new W480 is a compact location device for search and rescue, designed for personal safety.


	Whistle 25180
	Mandatory accessory that provides an emergency audible signal. Certified ISO 12402-8.


## Rearming


**UML MK5:** Rearming kit (26224), 24g canister (26233), 33g canister (26260), 60g canister


**HAMMAR:** Rearming kit (26233), 33g canister (26260), 60g canister


**MICROMANUAL:** Rearming kit (26233), 33g canister (26260), 60g canister

	Elastic with 2 aluminium hooks
	Safety line, length: 2 metres Material: aluminium

	3 aluminium hooks 11175
	Safety line, length: 1.4-2 metres Material: aluminium

	Led light 03030
	Automatically activates in case of a fall into the water. Visible up to one mile. Certified SOLAS, M.E.D., and USCG approved.

	PLB3 AIS 41011
	Return link service (compatible with RLS) Signals at 406 MHz and 121.5 MHz Integrated AIS alarm

	MOB2 rescueME 41012
	The world's smallest Man Overboard (MOB) AIS device with integrated VHF DSC.



Remember to book a periodic inspection by emailing [info@valeriasangiorgio.com](mailto:info@valeriasangiorgio.com) or on the website.

For more information, please contact us by calling +39 0185 467701 or via [www.valeriasangiorgio.com](http://www.valeriasangiorgio.com).

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