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.

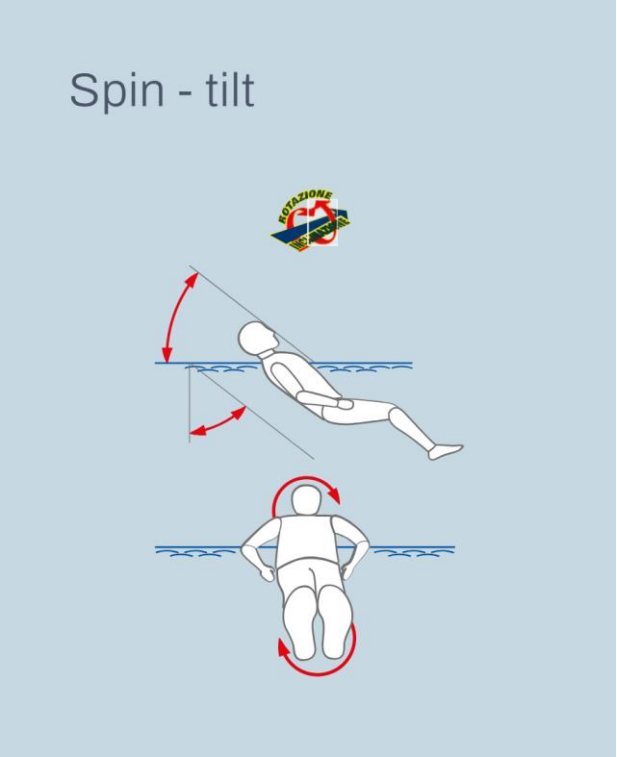
VIA A DE GASPERI 37H 16030 Casarza Ligure (GE) ITALIA
NELLE SEGUENTI UNITÀ OPERATIVE */ IN THE FOLLOWING OPERATIONAL UNITS*

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

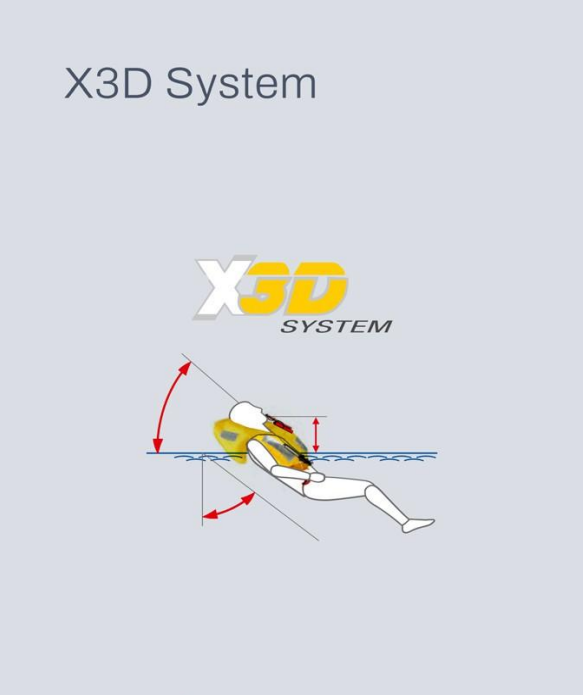
È CONFORME ALLA NORMA */ IS IN COMPLIANCE WITH THE STANDARD*
ISO 9001:2015

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.



SMART VACUUM MODULO

CHILD 100
ADULT 150
ADULT 275

Compact adult auto-inflating lifejacket with automatic activator
Approved and SOLAS M.E.D.–certified, valid as standard onboard equipment for all vessels subject to SOLAS M.E.D. regulations.
Double-chamber buoyancy chamber.
Available with Single Automatic Activator (SAA).
Vacuum-sealed PE packaging with tear-open system.
Closure system with quick-release acetal resin buckle with integrated adjustment.
Equipped with Buddy System.

Designed to maximise efficiency and minimise bulk thanks to the innovative vacuum-sealed packaging system.



MAIN FEATURES:

- Lateral adjustment buckle
- Recovery assist handle
- Lifting handle
- Buddy system
- Vacuum-sealed
- Compact
- VSG RescueID – NFC technology



SMART/ID



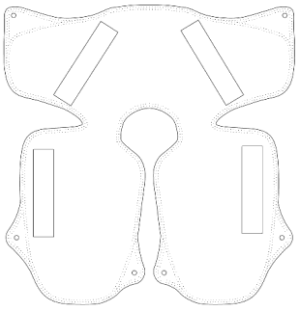
SMART

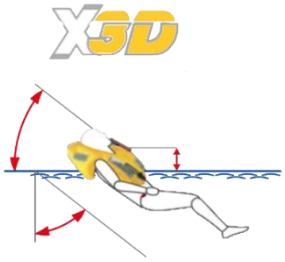


CODE	PRODUCT NAME	ACTIVATION	ACTIVATORS
02142/P/SMART	MODULO 150 SMART	AUTOMATIC	UML MK5
02142/P/SMART/H	MODULO 150 SMART	AUTOMATIC	HAMMAR MA1/EC
02142/P/SMART/ID	MODULO 150 SMART	AUTOMATIC	UML MK5
02142/P/SMART/H/ID	MODULO 150 SMART	AUTOMATIC	HAMMAR MA1/EC
02132/P/SMART	MODULO 275 SMART	AUTOMATIC	UML MK5
02132/P/SMART/H	MODULO 275 SMART	AUTOMATIC	HAMMAR MA1/EC
02132/P/SMART/ID	MODULO 275 SMART	AUTOMATIC	UML MK5
02132/P/SMART/H/ID	MODULO 275 SMART	AUTOMATIC	HAMMAR MA1/EC
02160/SMART	MODULO CHILD 100 SMART	AUTOMATIC	UML MK5
02160/SMART/ID	MODULO CHILD 100 SMART	AUTOMATIC	UML MK5

Date: 03/12/2025
Rev: 07

FEATURES	
Type	Lifejacket
Activators	UML MK5: (02132/P/SMART - 02132/P/SMART/ID – 02142/P/SMART - 02142/P/SMART/ID – 02160/SMART - 02160/SMART/ID) HAMMAR MA1/EC: (02132/P/SMART/H - 02132/P/SMART/H/ID - 02142/P/SMART/H - 02142/P/SMART/H/ID Oral tube on all versions
Cartridge	24 g, ½" GAS thread: (02160/SMART – 02160/SMART/ID) 33 g, ½" GAS thread: (02142/P/SMART – 02142/P/SMART/ID – 02142/P/SMART/H – 02142/P/SMART/H/ID) 60 g, ½" GAS thread: (02132/P/SMART – 02132/P/SMART/ID – 02132/P/SMART/H – 02132/P/SMART/H/ID)
Real buoyancy	160 N: (02142/P/SMART - 02142/P/SMART/ID -02142/P/SMART/H - 02142/P/SMART/H/ID) 290 N: (02132/P/SMART - 02132/P/SMART/ID -02132/P/SMART/H - 02132/P/SMART/H/ID) 150 N:(02160/SMART – 02160/SMART/ID)
Closure system	Quick-release acetal resin buckle with integrated adjustment
Certification	SOLAS M.E.D.
Size	Adult: (02142/P/SMART - 02132/P/SMART) CHILD: (02160/SMART)
Supported weight	43/140 kg: (02142/P/SMART - 02132/P/SMART) 15/43 kg: (02160/SMART)
Chamber	Double-chamber buoyancy chamber with X3D system, PA 420 PU-coated material, fluorescent yellow
Product packaging	Material: transparent vacuum-sealed PE bag with tear-open feature
Product dimensions	Approx. 36×23×8 cm (Vacuum-sealed) (02142/P/SMART – 02142/P/SMART/ID – 02142/P/SMART/H – 02142/P/SMART/H/ID) Approx. 36×23×8 cm (Vacuum-sealed) (02132/P/SMART – 02132/P/SMART/ID – 02132/P/SMART/H – 02132/P/SMART/H/ID) Approx. 36×23×5 cm (Vacuum-sealed) (02160/SMART – 02160/SMART/ID)
Product weight	02142/P/SMART (Approx. 1004 g) 02142/P/SMART/H (Approx. 993 g) 02132/P/SMART (Approx. 1253 g) 02132/P/SMART/H (Approx. 1198 g) 02160/P/SMART (Approx. 1053 g)
Packaging	60×40×40 cm (16 pieces per box) – all versions
Service	Mandatory every 12 months
Accessories included	Automatic emergency light
Spare parts and accessories	Whistle, automatic emergency light, rearming kit
Veleria San Giorgio reserves the right to change technical specifications without prior notice.	





X Thanks to Vacuum technology, in agreement with the Modified Authorities and the ship's Flag Registers, 5-year service programs can be arranged, with an annual quantity of 20% of the total.



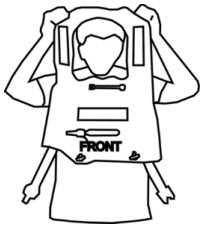
Saves 75% of onboard storage space.
M-CUBE MODEL: 20 × 28 × 33 cm
VACUUM MODEL: 36 × 23 × 8 cm
1-MK10 CHILD MODEL: 48 × 29 × 11 cm
VACUUM CHILD MODEL: 36 × 23 × 5 cm

1 M-CUBE = 4 VACUUM 275N
1 M-CUBE = 6 VACUUM 150N
1 MK10 CHILD = 4 VACUUM >100 N CHILD

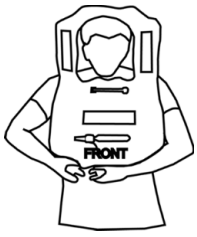
TO WEAR



1. Tear open the bag and remove the chamber



2. Put on the chamber



3. Fasten the waist strap and adjust it

Double-chamber buoyancy chamber with X3D rotation system in a single-chamber PA 420 PU-coated fabric with electronically controlled high-frequency seals. Designed to follow body ergonomics and optimise its position in the water. Thanks to its special V-shaped design, it ensures immediate body rotation and, through the "fin" structure located behind the neck, provides excellent head support and perfect stability for the user. The design of this chamber guarantees the best freeboard (height of the airways above water) in the inflatable lifejacket category.

ACTIVATION SYSTEMS

Automatic: In case of falling overboard, the system is submerged and automatically inflates the buoyancy chamber within 5 seconds. Automatic activation is possible with the UML MK5 saline activator, through the dissolution of a water-soluble tablet, or with the Hammar MA1 hydrostatic activator, through the pressure generated by immersion in water of at least 10 cm.

Oral: This type of inflation is done via the dedicated oral tube, check valve and protective cap. To inflate the chamber, simply blow into the oral tube.



Front Adult



Back Adult



Front Child

VSG RescueID

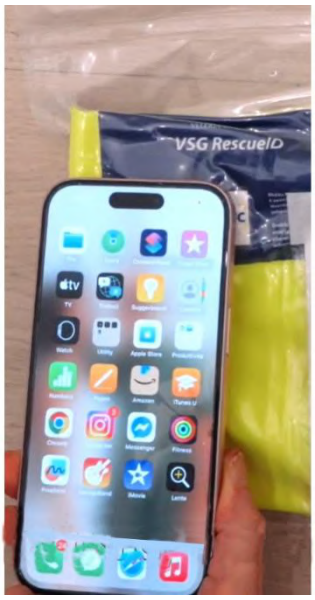
A Revolutionary Innovation for Safety at Sea.
In the world of maritime safety, innovation and technology are essential to save lives, improve the efficiency of rescue operations and reduce environmental impact. We present a cutting-edge product that redefines safety standards: the compact, vacuum-sealed auto-inflating lifejacket with integrated programming and identification technology via radio frequency (VSG RescueID).

Advanced functionality
Scannable label that allows rescuers and onboard personnel to quickly access the user's essential information.

Contactless NFC technology
Programming and updating of personal, medical and emergency data without opening the container, simply by bringing a smartphone or tablet close.



Pat. Pending



TO UPLOAD YOUR PERSONAL DATA AND YOUR BOAT INFORMATION

Bring your phone close to the label (if the popup does not appear, enable NFC).
Tap the popup that takes you to the Android or Apple Store.
Select your operating system, and you will be directed to the app to download.
Download and register on the app with the requested information.
After registration, you may be asked to add a device.
When adding the device, you can enter the name and registration number of the boat, along with other information.



TO READ DATA

Bring the phone close to the label: view and tap the link/popup.
Among the options, there is also SOS, which allows you to send the exact location of the lifejacket to the designated emergency contact.

VACUUM TECHNOLOGY

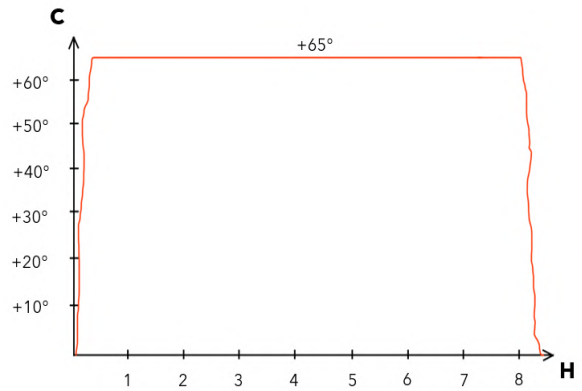
This technology has been developed and applied exclusively by Veleria San Giorgio to improve resistance to weathering and ensure longer product durability.
Tests conducted in accordance with SOLAS international standards demonstrate the efficiency of the Vacuum System compared to other packaging systems.

The Vacuum product is placed in a conditioning chamber exactly as sold to the public.
Tests are performed on the product in its vacuum-sealed PVC packaging.

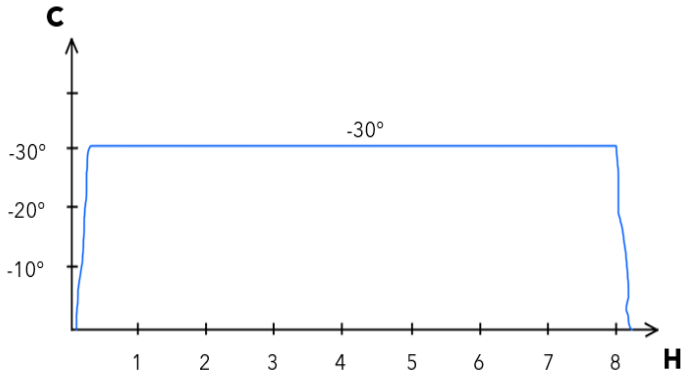
CLIMATIC CYCLE TESTS AND AGEING SIMULATION

Test method: – IMO Resolution MSC.200(80)
Equipment : – Climatic chamber type UY1200
Laboratory : – RINA Service SpA

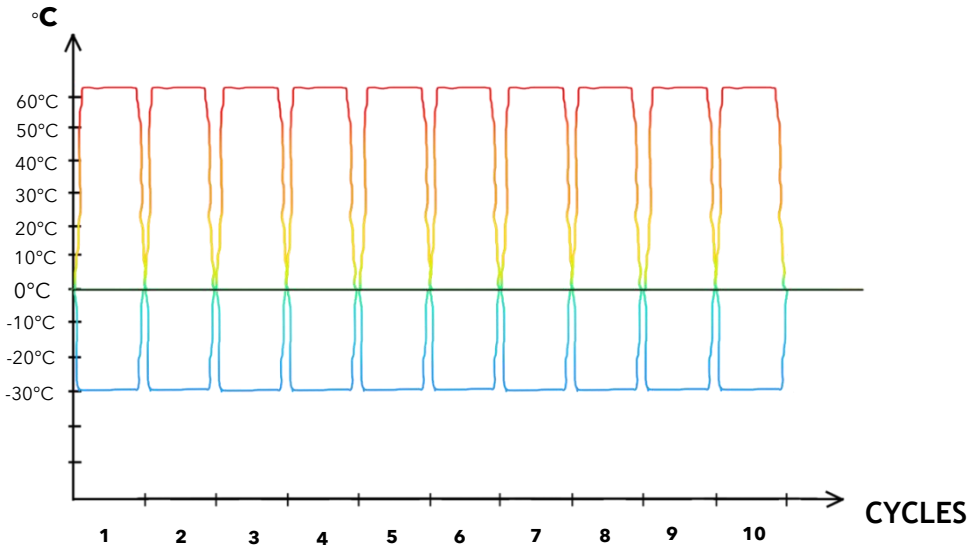
The vacuum-sealed product was tested according to the test method provided by IMO Resolution MSC. 200(80).
Conditioning in the climatic chamber involved temperature cycles of +65°C for 8 hours and -30°C for 8 hours, for a total of 10 cycles.
The thermal cycling test was successful, showing no damage to the products and meeting standard requirements.



Single 8-hour cycle at +65°C



Single 8-hour cycle at -30°C



10 cycles of 8 hours each at -30°C and +65°C

SPARE PARTS



Whistle	25180
Mandatory accessory that provides an emergency sound signal. ISO 12402-8 certified.	



LED light	03030
Automatically activates in case of falling into the water. Visible up to one mile. SOLAS M.E.D. and USCG certified.	

Rearming
UML: Rearming kit – (26224) 24 g cartridge, (26233) 33 g cartridge, (26260) 60 g cartridge HAMMAR: Rearming kit – (26224) 24 g cartridge, (26233) 33 g cartridge, (26260) 60 g cartridge

DEMO



DEMO
Demonstration lifejacket available to show passengers how the product works.

ACCESSORIES



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



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



PLB1 rescueME	41013
rescueME PLB1 Personal Rescue Locator	



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



W422 AMRD	41053
The new W422 "RESCUE-ME" is a compact personal safety device.	

Remember to carry out periodic service. Book now writing to our email address info@veleriasangiorgio.com or go to our website

For further information, contact us on the number 0185 467701 or via our website veleriasangiorgio.com

To purchase or for further information on this product frame the QR code or visit the website veleriasangiorgio.com