



# Maritime Safety Solutions

**VIKING LIFE-SAVING EQUIPMENT**  
*Your safety is safe with us*





# One safety solution one global partner

VIKING is the largest single source for safety equipment and servicing in the world. So we know that while safety compliance is a minor part of a fleet's operational budget, making the right choices can be a major hassle.

That's why we're always finding new ways to ensure equipment is reliable, cost-effective and in full compliance with national and international safety regulations - and that it can stay that way during its useful lifetime.

To help you, we've put together a comprehensive range of everything you could need in maritime safety. And we're ready with advice and ideas to help guide your investments in making your fleet safety compliance, safer and simpler.

## **Can't find what you're looking for in this catalogue?**

Contact your local VIKING office or visit [www.VIKING-life.com](http://www.VIKING-life.com).



# Your safety is safe with us

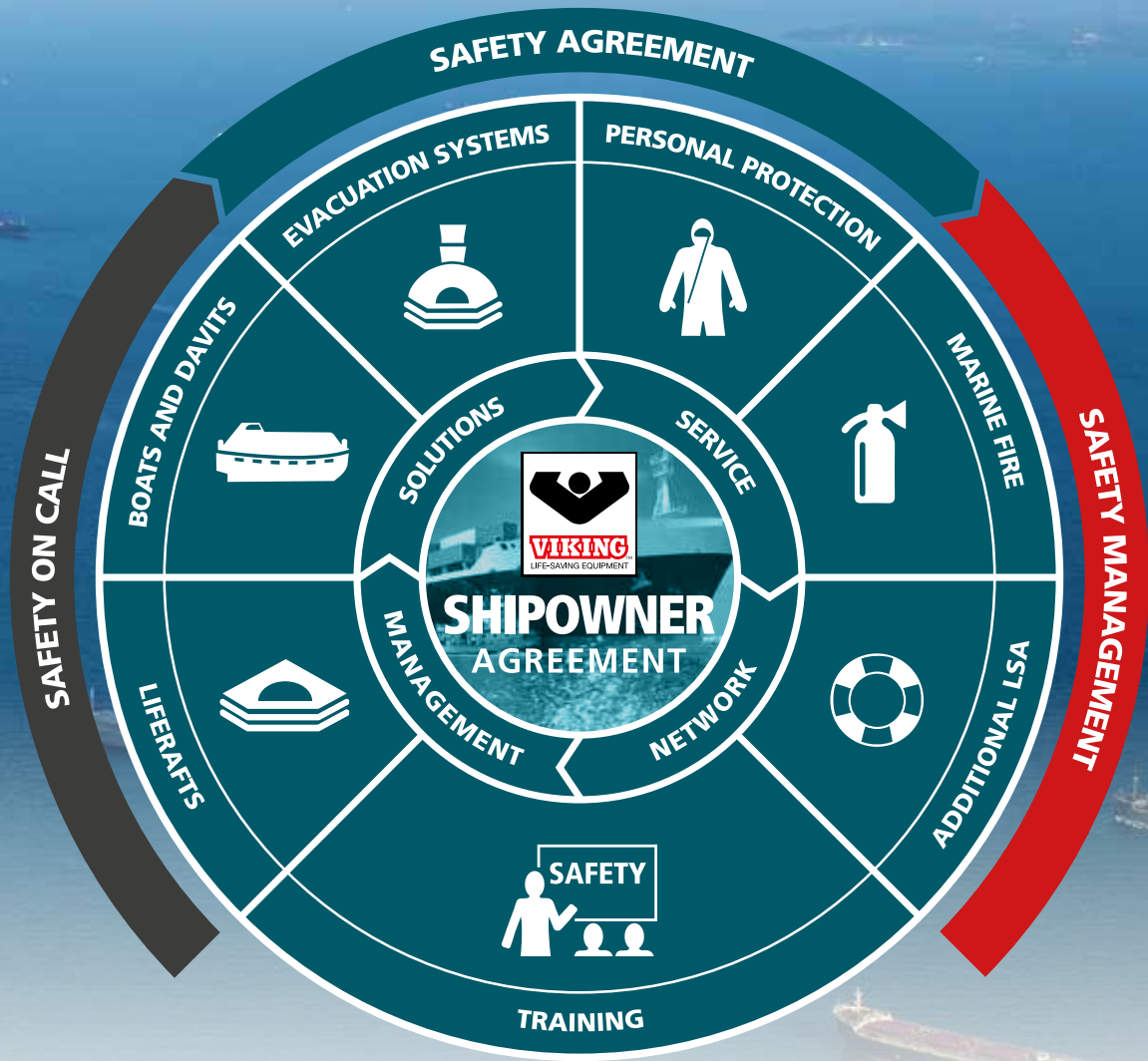
**In the world of global maritime, safety is first. But to stay competitive in ever more challenging markets, we know that successful operators must continuously maximise efficiencies and reduce cost without compromising performance - even when it comes to safety.**

With a Shipowner Agreement, you can trust VIKING to streamline and simplify all aspects of safety and compliance. We replace complexity with flexibility and reduce administration and operational risk - freeing up resources to boost your core business.

## **Unbeatable safety and convenience**

We've got all the safety products, servicing options, worldwide reach and know-how you could need. And it's all delivered by the most comprehensive OEM grade service network in the world.





Central to this smooth, efficient servicing processes is the market's most advanced booking and real-time tracking system, streamlining all aspects of servicing to save you time and money. And you'll also enjoy an online customer portal to ease every step of the way.

### Fixed-price safety equipment and service packages with built-in flexibility




A VIKING Shipowner Agreement provides consolidated procurement and servicing of your safety equipment.

We can take care of everything from service notification, specifications and service certificates to multi-vendor invoice monitoring – at competitive, globally fixed pricing and from a single point of contact.

Terms and conditions can be easily adjusted to fit changing needs during the contract period.

# Choose the safety solution that suits your business

For the last decade, VIKING’s Shipowner Agreement has been a widely recognized concept among shipowners looking to gain safety related efficiencies by streamlining equipment sourcing, servicing and compliance through just one trusted global partner.

	 SAFETY ON CALL	 SAFETY AGREEMENT	 SAFETY MANAGEMENT
Premium life-saving appliances	✓	✓	✓
High quality service	✓	✓	✓
Certified technicians	✓	✓	✓
Global availability	✓	✓	✓
Documented compliance	✓	✓	✓
One point of contact	✓	✓	✓
Fixed pricing		✓	✓
Expert service planning		✓	✓
Proactive notifications		✓	✓
Service availability guaranteed		✓	✓
End-to-end safety solution			✓

## Safety on Call

High-quality service on all types of safety equipment performed by certified technicians at day-to-day rates.

Global availability with documented compliance and one point of contact.

All this and many other benefits are available with a Shipowner Agreement.

## Safety Agreement

Under our popular Shipowner Agreement concept, this option lets you add the benefits of fixed servicing prices in most commercial ports across all global maritime hubs.

Also, you get enhanced service planning, proactive due-date notifications and service availability guaranteed.

## Safety Management

At the summit of our concept is an end-to-end safety solution that add dynamic and digital service optimization on top of the premium safety products, proactive planning and expert fixed-price service execution already included. With this option, the bulk of safety compliance related administration and risk is transferred to us, without renouncing flexibility, transparency and control.

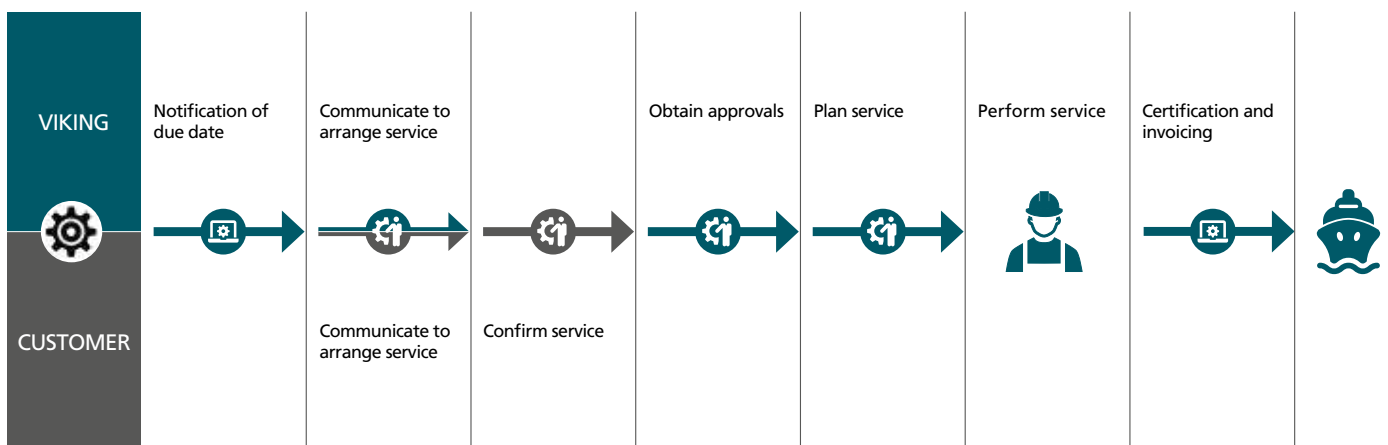


# We make it easy for you

Our global team of dedicated service planners work proactively to ensure that asset owners are kept hassle-free when it comes to scheduling, administration and execution of safety equipment servicing.

With round-the-clock availability, just one point of contact and powered by unrivaled digital tools, our planners have full transparency of the servicing process - from notification to invoicing - and they'll quickly get to know your vessels, areas of operation and preferences.

All this allows them to flexibly identify and implement the best, most efficient solution to suit your operations.



Example: Liferaft servicing with a Shipowner Agreement



# About this catalogue

**VIKING is an innovator in life-saving equipment for a wide range of cargo and passenger vessels.**

## **How to find the information you need to select your marine safety equipment?**

Products are easy to locate using the table of contents. Each product entry contains a short description, an item number and a list of variants and related products where relevant.

The item number can be used for a quick search for further information on our VIKING Safetyshop website at [www.VIKINGsafetyshop.com](http://www.VIKINGsafetyshop.com).

Enquiries can be made either directly through [VIKINGsafetyshop.com](http://VIKINGsafetyshop.com) or by contacting the nearest VIKING office or agent who can send a quotation.

**VIKING can supply a complete LSA package, including products that are not listed in this catalogue or our online SafetyShop.**

**For more information please contact VIKING:**

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# Safety Packages

VIKING can supply full ship packages with products and related accessories. Here are some of the products that can be supplied.

Let our experts help you put together the optimal safety package for your operation.



A



**Lifeboats**  
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B



**Pyrotechnics**  
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C



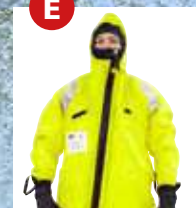
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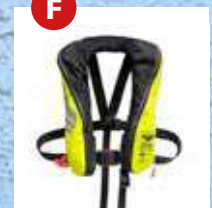
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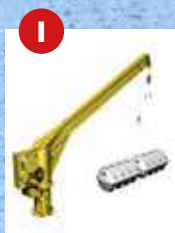




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# New innovative evacuation system VEDS Helix

**Extensive research and development enable us to constantly push the boundaries of marine evacuation with visionary solutions such as the VIKING VEDS Helix and VIKING LifeCraft™.**

The VIKING Evacuation Dual Slide system, VEDS Helix, consists of steel frame, a chute-box, a sledge for liferaft containers and a deployment winch. The liferaft containers are mounted on the sledge by means of lashing straps.

Additional liferafts can be positioned near to the VEDS Helix system and released by means of a remote release system, either pneumatical or electrical system.

A connection line ensures connection between additional liferafts and the inflated VEDS system.

## **APPROVALS – SYSTEM**

- SOLAS 74, Reg. III/4 & III/34, as amended by IMO Res. MSC 48(66) and IMO Res. MSC 81(70)
- EC type approval acc. to EC Directive 96/98/EC
- USCG acceptance/approval by MRA.

## **APPROVALS - LIFERAFTS**

- SOLAS, IMO, USCG, MCA, EC and other flag authorities.



# VIKING LifeCraft™ System

## Next-generation evacuation design

The innovative VIKING LifeCraft™ System is a revolutionary hybrid evacuation solution that unites the best of lifeboat and liferaft capabilities in one effective, high-capacity solution.

Housed in a discreet, streamlined storage and launching container, it consists of a self-propelled inflatable vessel with four engines, a storing and launching unit either placed on deck or built-in, and an EscapeWay™ chute system.

The VIKING LifeCraft™ System has been designed to prioritize near-ship maneuverability to:

- Quickly move to a safe and stable distance
- Pick up passengers in the water
- Maximize passenger onboard health and well-being
- Assist rescue and recovery vessels or aircraft

VIKING LIFECRAFT™		
↑ 16.0 M	812 PERSONS	CREW MEMBERS EACH SYSTEM FERRY - 14 CRUISE - 21

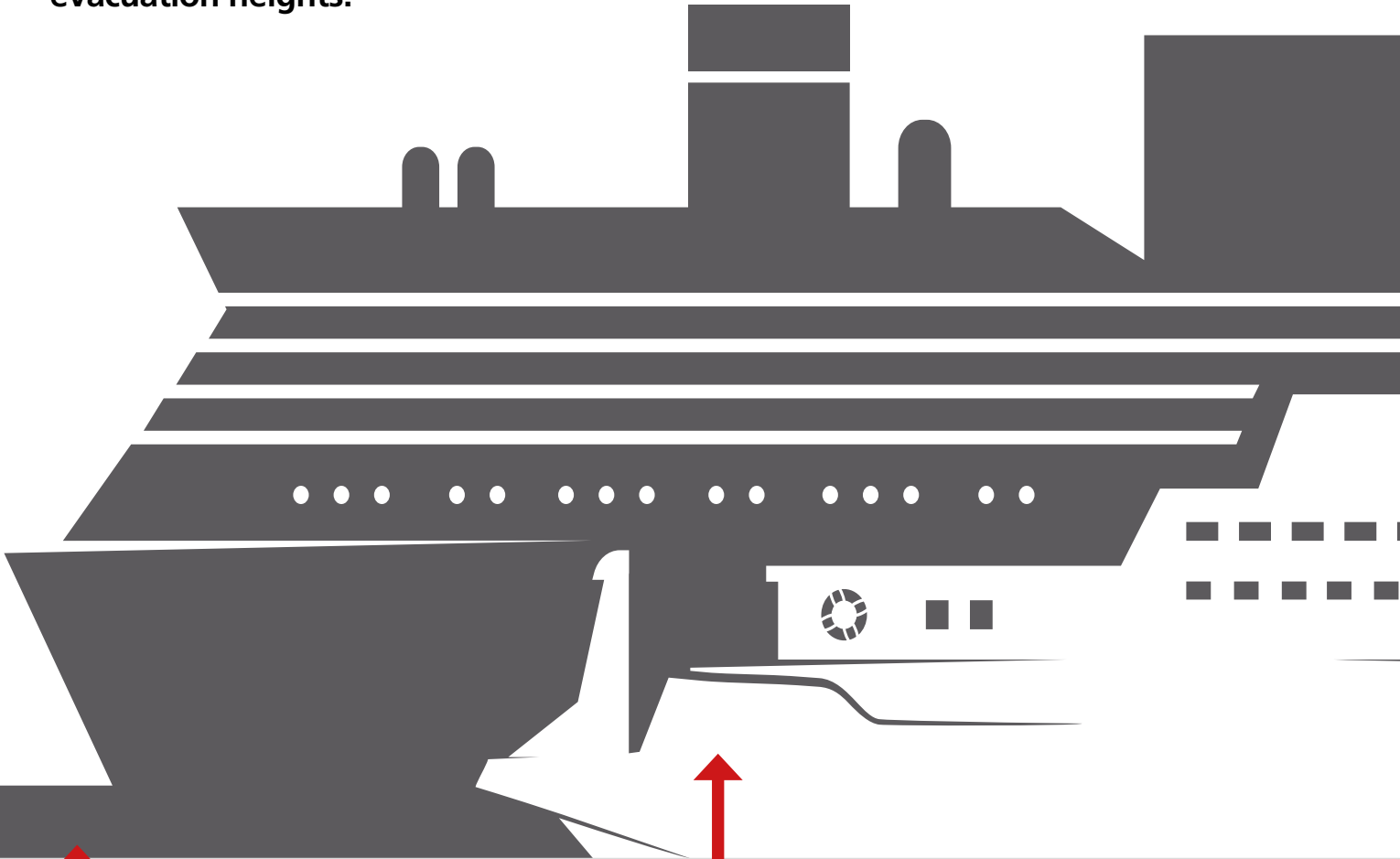


*Fast evacuation to a safe position with superior maneuverability.*



# MES installations

VIKING offers a wide range of marine evacuation systems for all evacuation heights.



## 0-1.5 m

Direct boarding

THROW OVERBOARD  
LIFERAFT 1.5 M

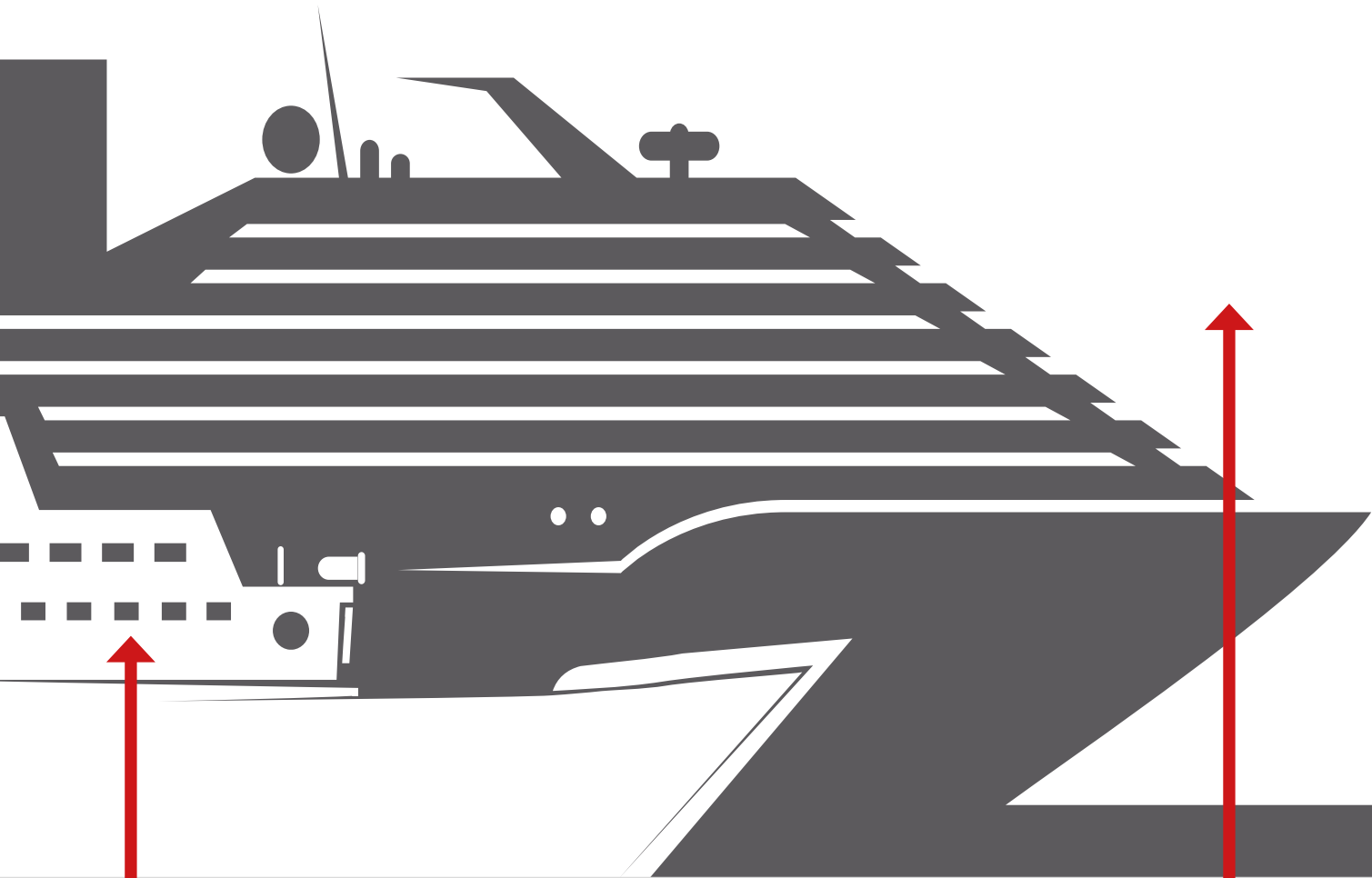


## 1.5-4.2 m

Low embarkation height MES








VELS	↑ 4.2 M	501 PERSONS	
VEMS	↑ 3.3 M	303 PERSONS	
VAS	↑ 3.65 M	153 PERSONS	
UNDERTUN	↑ 2.5 M	153 PERSONS	
SBS	↑ 3.2 M	153 PERSONS	





## 5-22 m

### Medium to high embarkation height MES

<p><b>VES</b></p> <p>↑ 15 M</p> <p>657 PERSONS</p> 	<p><b>VEDS</b></p> <p>↑ 22 M</p> <p>908 PERSONS</p> 
<p><b>LIFECRAFT™</b></p> <p>↑ 16 M</p> <p>812 PERSONS</p> 	<p><b>DAVIT LAUNCHED LIFERAFT</b></p> 
<p><b>VEDC</b></p> <p>↑ 16.8 M</p> <p>908 PERSONS</p> 	
<p><b>VEMC</b></p> <p>↑ 20.2 M</p> <p>582 PERSONS</p> 	
<p><b>VEC PLUS</b></p> <p>↑ 20 M</p> <p>565 PERSONS</p> 	

# Chute-based systems



## VIKING VEC Plus™

### Upgrade to the world's most service-efficient marine evacuation system

The new VIKING VEC Plus™ features an innovative storage design that saves maintenance costs and time. Thanks to fewer components and gravity-based rather than mechanical launching, reliability is assured – and there's less wear and tear, too.

VEC PLUS - VIKING EVACUATION SYSTEM		
↑ 20.0 M	565 PERSONS	2-3 CREW MEMBERS EACH SYSTEM



## VIKING Evacuation Dual Chute (VEDC)

The evacuation dual chute, VEDC, is VIKING's highest capacity chute system with an evacuation capacity of 908 people in 30 minutes. It is combined with 153 person liferafts for safe, rapid evacuation from large passenger carrying vessels.

This unique design combines the highest evacuation capacity with discreet, compact and self-contained design for maximum safety and relatively little deck disruption.

Each VEDC system contains two 153 person liferafts. Capacity can be increased to suit the exact ship requirements with additional drop liferafts.

VEDC - VIKING EVACUATION DUAL CHUTE		
↑ 16.8 M	908 PERSONS	4 CREW MEMBERS EACH SYSTEM



## VIKING Evacuation MiniChute (VEMC)

The VIKING Evacuation MiniChute VEMC is based on the full size VIKING Evacuation Chute. The system is designed especially for small and medium sized vessels with embarkation heights of 6.1- 20.2 metres.

This self contained system provides rapid and safe evacuation directly into the liferafts. The self-righting liferaft is pre-installed onto the chutesystem and inflates automatically with one simple pull on the slip hook. The VEMC system can be installed anywhere onboard; on open deck or between decks in an open recess with a float free unit.

The MiniChute can be supplied with 101 or 153 person liferafts and can evacuate 582 people in 30 minutes.

VEMC - VIKING EVACUATION MINI CHUTE		
↑ 20.0 M	582 PERSONS	2 CREW MEMBERS EACH SYSTEM

# Slide-based systems



## VIKING Evacuation Slide (VES)

The slide is a stable, efficient dry-shod evacuation system that can evacuate over 657 people in 30 minutes. It can be tailor-made to suit all types of vessels and is available with self-righting 25, 51 or 101 person liferaft combinations.

The 30° angle between slide and ship absorbs the movement of the sea and means that the system can be installed at extreme forward and aft positions. The slide is fitted with lines that allow for access up the slide, allowing it to also function as a means of rescue.



## VIKING VELs with SOLAS Mini Slide

This MiniSlide system is designed for low embarkation vessels with independent slide and liferaft. The system requires only one crew member to operate and oversee evacuation.

The MiniSlide system has a 153 person liferaft, available with or without canopy to suit both open sea and protected waters. The systems can evacuate 501 people in 30 minutes and 303 people in 17 minutes and 40 seconds.



## VIKING Automatic Slide (VAS)

VIKING has developed a 153 person open reversible liferaft and minislides system packed into a single aluminum stowage box. The real magic of this system lies in its one-button, one-person release and operation.

The VAS system is designed and certified for vessels on domestic voyages such as ferries sailing in protected waters. It enables crew to evacuate up to 153 people in one go and is designed for evacuation heights between 1.5 - 3.65 metres. The VAS system is very easy to install. It comes in a box that is placed flush with the ship side, bolted to the deck and ready to go. No bowing lines or welded connection points on the ship side are necessary.

### VIKING VES-DD - EVACUATION SLIDE

↑ 15.0 M	153 PERSONS	4 CREW MEMBERS EACH SYSTEM
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### VIKING VELs-SMS - EVACUATION LIFERAFT SYSTEM

↑ 4.2 M	501 PERSONS	1 CREW MEMBER EACH SYSTEM
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### VIKING VAS - VIKING AUTOMATIC SLIDE

↑ 3.65 M	153 PERSONS	1 CREW MEMBER EACH SYSTEM
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## VIKING Simple Bowsing System (SBS)

The Simple Bowsing System (SBS) for High-Speed Craft (HSC) and smaller ferries is designed for evacuating 51, 101 and 153 persons safely in a convenient, cost-effective package. The liferaft container is installed on the vessel close to the evacuation door and the slide is packed in a valise stored nearby. The VIKING SBS is available in direct-boarding liferaft configurations, or with SOLAS-approved slides in three different sizes for various evacuation heights. Can be installed with either standard liferafts or liferafts with extended service intervals such as the VIKING S30.



## VIKING Undertun

The VIKING Undertun is a compact, open gangway system for walking or sliding directly into the liferaft.

Half of the gangway has a friction surface for walking down at low angles, the other half has a plane surface that allows evacuees to slide into the liferaft.

The system has an integrated 12V battery and is launched at the push of a button on the box or from the bridge. No electrical connections are necessary. This system is available with self-righting, canopied liferafts in sizes 150 persons, or with an open reversible liferaft for 100 persons.



## VIKING Evacuation MiniSlide (VEMS)

This system is designed for small vessels operating in any sea condition. It is available with either a 101 person open reversible liferaft for vessels operating in sheltered waters or a SOLAS compliant 101 person self-righting canopied liferaft for vessels operating at sea.

It is packed in a container the size of a standard liferaft container, simple to operate and fully operational within 2 minutes. The VEMS can evacuate 303 people in 17 minutes and 40 seconds and 501 people in 30 minutes.

### VIKING SBS - SIMPLE BOWSING SYSTEM

↑ 3.2 M	153 PERSONS	1 CREW MEMBER EACH SYSTEM
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### VIKING UNDERTUN

↑ 2.5 M	153 PERSONS	1 CREW MEMBER EACH SYSTEM
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### VIKING VEMS - MINISLIDE SYSTEMS

↑ 3.3 M	501 PERSONS	2 CREW MEMBERS EACH SYSTEM
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# Liferafts



## Throw-overboard liferafts

Throw overboard liferafts are designed to be dropped overboard in the container and inflated in the water.

Self-righting canopied rafts are available in four sizes; 25, 51, 101 and 153 persons. Standard canopied rafts are available in eight sizes; 6, 8, 10, 12, 16, 20, 25 and 35 persons. Open reversible liferafts, for use in sheltered waters are available for: 6, 12, 20, 25, 51, 101 and 153 persons.

Liferafts with capacities of 25 and above can be used as supplementary liferafts to all VIKING marine evacuation systems.

## Davit launched liferafts (DKF, DKFS)

Davit launched liferafts are designed to be inflated and boarded at deck level, and then lowered into the water.

They are available as self-righting canopied liferafts or standard canopied liferafts.

They are designed to carry 12, 25, 35 or 39 persons and are an effective means of dry-shod evacuation and can either be an alternative to chute or slide systems or a supplement.



**VIKING SAFETY  
ACADEMY**

## Ensuring crew readiness with 24/7 onboard training

The VIKING Safety Academy 24/7 training platform is the only system of its kind that enables you to design and create your own company-specific integrated training courses for a wide range of competences training.

### Customizable e-learning

Focusing on emergency training, maintenance procedures and operation of evacuation systems, the training program combines theoretical e-learning and practical training. Everything is logged and facilitated using a cutting-edge online training platform.





# Liferafts

**VIKING liferafts are designed in accordance with SOLAS Chapter III and LSA Code requirements, and are MED, RMRS, Canadian Coast Guard and AMSA approved**

Our wide range of throw-overboard and davit-launchable liferafts are available in a standard version and a top-of-the-line, automatically self-righting version with stowage heights of up to 60 m.

VIKING also supplies cradles, hooks, davits, sliding racks and columns racks.

Our proven self-righting liferafts ensure that no matter how a liferaft lands in the water, it will always right itself ready for boarding. Liferafts can also be equipped with a hydrostatic release unit so they inflate automatically if they have not been released manually.

VIKING liferafts are subjected to wind velocity tests at forces of 30 m per second and deployed at extremely low temperatures.





# VIKING S30 liferafts with extended service intervals

## Thousands of units sold and serviced

Over the years, we've supplied over 100,000 davit-launched and throw-overboard standard liferafts. And thousands of extended service interval products, too. So we know just how important freedom of choice is for shipowners – and we've built it into everything we do.

Want to be able to mix and match liferaft types to suit your needs – and swap things around as your business changes? Only a VIKING Shipowner Agreement offers this level of flexibility, all under the same terms and conditions.





# Onboard servicing by crew in 3 simple steps

## No power or computer required!

Just 3 easy steps is all it takes for the crew to perform annual onboard inspections.



1 Register date and serial number in log book



2 Insert testing tool and hold for 5 seconds



3 Record result in log book. Done!

VIKING S30s are serviced using a combination of annual onboard inspections carried out by crew and specialized service after 30 months at a VIKING certified service station.

At 30 months the liferaft must be serviced at a VIKING S30 certified servicing. A current list is available in the VIKING S30 Portal or from your local VIKING office.

We've done our best to make it even easier for you, too:

- Our VIKING S30 Portal contains everything there is to know for servicing tasks.
- Personnel achieve certification via online e-learning programs and reporting.
- Instructions, troubleshooting and reporting are all in one place and accessible at any location with an internet connection.

## What exactly is an extended service interval liferaft?

Extended service interval liferafts are permitted under SOLAS regulation 20.8.3, which enables liferafts to be inspected at longer intervals than 12 months, as long as the same safety levels are met as for conventional liferafts.

### Less handling

The liferafts must be annually tested on board by trained and certified personnel, but require less handling than conventional products. So they carry lower associated costs (such as barge, overtime and transportation) than conventional liferafts.

### More planning

Service dates are based on the date of manufacture, and no extensions are allowed – or grace periods for dated items. Extended service interval liferafts can only be serviced at specially equipped, approved service stations.

### Similar costs

Experience shows that, in the long run, higher costs of specialised services and the need to carry out replacement at authorized servicing stations result in a similar overall cost level between extended service interval and conventional liferafts.



## VIKING Throw-overboard Liferaft

- High durability with an expected lifespan of 15-20 years
- Exceptionally stable even in rough seas.  
Can be deployed at temperatures as low as -30°C
- Two individual buoyancy chambers, each carrying capacity weight, so a puncture in one tube will not cause destabilisation
- Sizes: 6-35 persons

### VARIANTS

<b>L006D000</b>	6 person throw-overboard liferaft
<b>L008D000</b>	8 person throw-overboard liferaft
<b>L010D000</b>	10 person throw-overboard liferaft
<b>L012D000</b>	12 person throw-overboard liferaft
<b>L016D000</b>	16 person throw-overboard liferaft
<b>L020D000</b>	20 person throw-overboard liferaft
<b>L025D000</b>	25 person throw-overboard liferaft
<b>L035D000</b>	35 person throw-overboard liferaft

Also available in VIKING S30 liferafts with extended service intervals

## VIKING Davit-launchable Liferaft

- High durability with an expected lifespan of 15-20 years
- Designed to be inflated on deck level and while connected to the davit lowered to water level
- Provides safe and effective means of dry-shod evacuation and is suitable for all types of vessels, regardless of deck height or hull shape
- Sizes: 12-35 persons



### VARIANTS

<b>L012DF00</b>	12 person davit-launchable liferaft
<b>L016DF00</b>	16 person davit-launchable liferaft
<b>L020DF00</b>	20 person davit-launchable liferaft
<b>L025DF00</b>	25 person davit-launchable liferaft
<b>L035DF00</b>	35 person davit-launchable liferaft

### RELATED PRODUCTS

<b>1076676</b>	Davit for liferaft, manual CM-52 15-3,5L(12-16)
<b>1071435</b>	Davit for liferaft, manual CM-144 23-4,0L(20-25)
<b>1076677</b>	Davit for liferaft, manual, CM 144 36-4,0L(35-39)
<b>1071352</b>	Piedestal CM-52/CH-52
<b>1076680</b>	Conservation slewing davits (3 layer paint system)
<b>1071351</b>	Conservation slewing davits (3 layer paint system)

Also available in VIKING S30 liferafts with extended service intervals

## VIKING Throw-overboard Self-righting Liferaft

- Self-righting ability ensures the liferaft is also deployed correctly - ready for boarding
- High durability with an expected lifespan of 15-20 years
- Exceptionally stable even in rough seas. Can be deployed at temperatures as low as -30°C
- Two individual buoyancy chambers, each carrying capacity weight, so a puncture in one tube will not cause destabilisation
- Sizes: 25-153 persons persons



### VARIANTS

L025DS	25 person self-righting throw-overboard liferaft
L039DS	39 person self-righting throw-overboard liferaft
L050DS	51 person self-righting throw-overboard liferaft
L100DS	101 person self-righting throw-overboard liferaft
L150DS	153 person self-righting throw-overboard liferaft

## Open Reversible Liferaft/Inflatable Buoyant Apparatus



- Type VIKING DKR / VIKING IBA
- Open reversible liferaft type mainly used for coastal and inland waters. The floor is placed in between the two buoyancy chambers and a boarding ramp is mounted on each tube making the liferaft fully reversible
- The open reversible liferaft is not a SOLAS approved solution but is approved according to local authorities and flag states
- The DKR liferaft are available in standard round rigid fibreglass container (all sizes) or in low profile fibreglass containers (up to and including the 50 DKR)

### VARIANTS

12-150 PERSON	DKR
6-150 PERSON	IBA, USCG approved
50 PERSONS	RDV, TC Canada approved



## VIKING Davit-launchable Self-righting Liferaft

- Self-righting ability ensures the liferaft is also deployed correctly - ready for boarding
- High durability with an expected lifespan of 15-20 years
- Designed to be inflated on deck level and while connected to the davit lowered to water level
- Provides safe and effective means of dry-shod evacuation and is suitable for all types of vessels, regardless of deck height or hull shape
- Sizes: 25-39 persons

### VARIANTS

L025DF50	25 person self-righting davit-launchable liferaft
L039DF50	39 person self-righting davit-launchable liferaft

## Hydrostatic Release Unit For Liferaft

- The Hammar® H20 releases at any angle and needs only the required water pressure to activate
- Designed to activate release at depths of between 1.5-4 m
- No spare parts or service required, however it must be replaced every other year
- Simple to install and clearly marked with an expiry date



### VARIANTS

1038306	Hydrostatic release unit for EPIRB, Hammar® H20, MCA and USCG approved
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Unique patented design

## Polar Liferaft

- Fully functional at temperatures as low as -50°C
- Efficient heating system ensures that the liferaft inflates despite extreme temperatures
- IP68 certified for blast proof areas



ITEM NO.: L025D0014AC5

Recommended for Polar applications.  
Certified by DNV, USCG, TC Canada and RMRS.

### VARIANTS

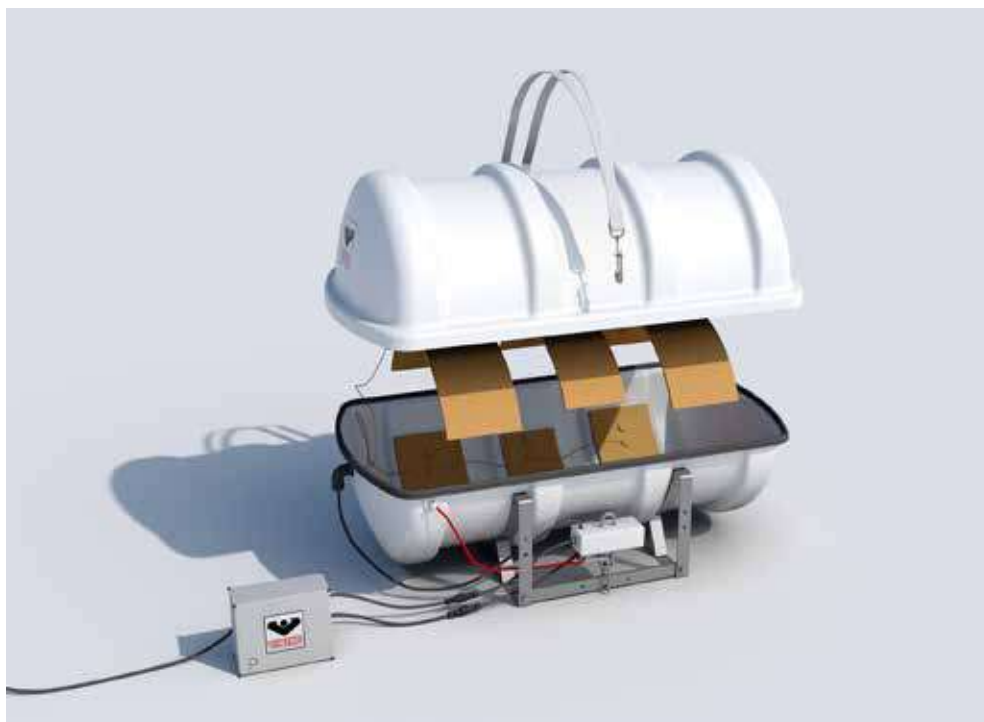
- Throw-overboard liferaft, Polar, 6, 8, 10, 12, 16, 20, 25, 35 persons
- Davit-launched liferaft, Polar, 16, 20, 25, 35 persons
- Self-righting, Davit-launched liferaft, Polar, 25 persons
- Self-righting, Throw-overboard liferaft, Polar, 25 persons

### RELATED PRODUCTS

A Polar liferaft package typically consists of liferafts along with specially selected cradles, relays, cables and boxes suited for polar conditions.

<b>1056143</b>	Control box supply for up to 2 adjacent containers
<b>1056183</b>	Control box supply for up to 3 adjacent containers
<b>1042425</b>	Hammar® HRU, heated

## Special Heated Container



*A heated hydrostatic release unit and built-in heating mats inside the container ensures that the liferaft will deploy under freezing conditions. The latter also works to prevent over-icing.*

*The container also features an exterior supply box that can heat up to three containers simultaneously. Its built-in short circuit protection and power indicator provide total reliability. Once the ambient temperature rises above approx. 5°C, the heater automatically deactivates.*

VIKING Polar Liferafts hold the following patents:  
DK Patent No. 176716B1  
CN Patent No. 101795934B  
Patent Pending EP

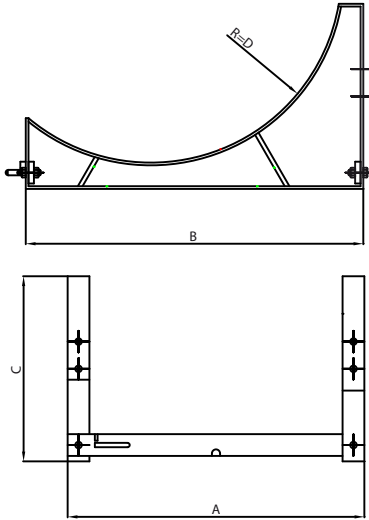
# Emergency Pack Contents

See the contents needed for SOLAS A Pack according to liferaft size

SOLAS A Pack liferaft													
Contents	6	8	10	12	16	20	25	35	37	39	51	101	153
<b>Emergency pack equipment</b>													
Parachute rocket signals	4	4	4	4	4	4	4	4	4	4	4	4	4
Handflares	6	6	6	6	6	6	6	6	6	6	6	6	6
Signal lamp	1	1	1	1	1	1	1	1	1	1	1	1	1
Dry cell (spare) for signal lamp	2	2	2	2	2	2	2	2	2	2	2	2	2
Bulb (spare) for signal lamp	1	1	1	1	1	1	1	1	1	1	1	1	1
Whistle	1	1	1	1	1	1	1	1	1	1	1	1	1
Signalling mirror	1	1	1	1	1	1	1	1	1	1	1	1	1
Emergency ration (kg)	3	4	5	6	8	10	12.5	17.5	18.5	19.5	25.5	50.5	76.5
Drinking water (ltr)	9.5	12.5	15.5	18.5	24.5	30.5	38	53	55.5	58.5	79	151.5	230
Drinking cup	1	1	1	1	1	1	1	1	1	1	1	1	1
Safety tin opener	3	3	3	3	3	3	3	3	3	3	3	3	3
Fishing tackle	1	1	1	1	1	1	1	1	1	1	1	1	1
First aid kit	1	1	1	1	1	1	1	1	1	1	1	1	1
Anti-seasickness tablets	36	48	60	72	96	120	150	210	222	234	306	606	918
Bailer	1	1	1	1	2	2	2	2	2	2	2	2	2
Sponges	2	2	2	2	2	2	2	2	2	2	2	2	2
Instructions for survival	1	1	1	1	1	1	1	1	1	1	1	1	1
Table of life-saving signals	1	1	1	1	1	1	1	1	1	1	1	1	1
Sea anchor and cord	1	1	1	1	1	1	1	1	1	1	1	1	1
Scissors	1	1	1	1	1	1	1	1	1	1	1	1	1
Smoke signals	2	2	2	2	2	2	2	2	2	2	2	2	2
Seasickness bags	6	8	10	12	16	20	25	35	37	39	51	101	153
Survival bags	2	2	2	2	2	2	3	4	4	4	6	11	16
Buoyant safety knife	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Liferaft equipment</b>													
Bailer	-	-	-	-	1	1	1	1	1	1	1	1	1
Radar reflector	1	1	1	1	1	1	1	1	1	1	1	1	1
Operational instructions	1	1	1	1	1	1	1	1	1	1	1	1	1
Sea anchor and cord	1	1	1	1	1	1	1	1	1	1	1	1	1
Buoyant safety knife	1	1	1	1	1	1	1	2	2	3	3	4	4
Paddles (pcs)	2	2	2	2	2	2	2	2	2	2	2	4	4
Repair kit	1	1	1	1	1	1	1	1	1	1	1	1	1
Bellows	1	1	1	1	1	1	1	1	1	1	2	2	2
Rescue quoit and line	1	1	1	1	1	1	1	2	2	2	1	1	1
Water bags (set)	1	1	1	1	1	1	1	1	1	1	1	1	1
Desalter	-	-	-	-	-	-	+1	-	-	-	+1	+1	+1

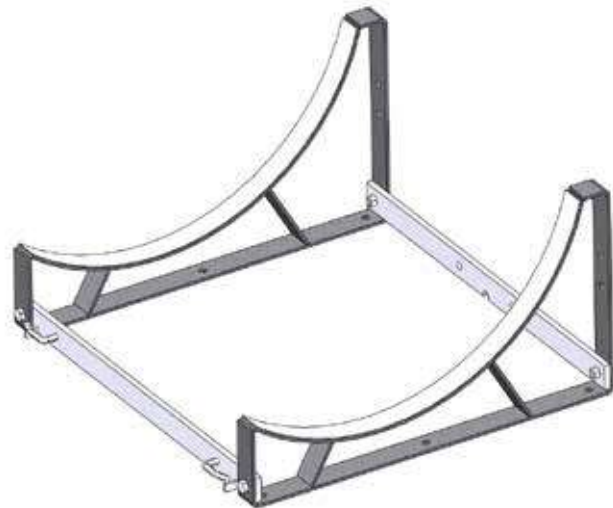
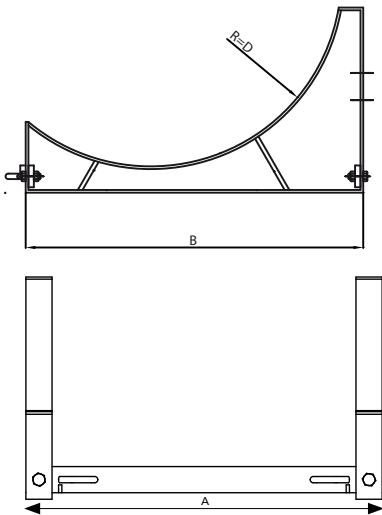
# Cradles

Flexible storage and easy handling



## Cradle for 4-25 DK+ Throw-overboard Liferaft

Part no.	Cradle incl. Lashing no.	Container type	A	B	C	D	Pack type	Surface	Weight
1014758	1000053	20-25 DK+	545	620	340	360	A+B	Galvanized	11 kg
1015847	1000013	10-12-16 DK+	500	550	340	310	A+B	Galvanized	10 kg
1015846	1000012	4-6-8 DK+	435	520	340	275	A+B	Galvanized	10 kg



## Cradle for 12-35 DKF+ Davit-launchable Liferaft

Part no.	Cradle incl. Lashing no.	Container type	A	B	C	D	Pack type	Surface	Weight
1014188	1004327	35 DKF+	635	740	430	410	A	Galvanized	14 kg
1011920	1011919	35 DKF+	690	620	340	360	B	Galvanized	11 kg
1004361	1000014	16-20-25 DKF+	545	620	340	360	A+B	Galvanized	11 kg
1004360	1002727	12 DKF+	545	550	340	310	A+B	Galvanized	10 kg



## Deck Cradle For Throw-overboard Liferaft

- Galvanized steel
- Delivered complete with lashings
- Cradles are available for throw-overboard liferafts (4-25 persons)



### VARIANTS

- |                |   |
|----------------|---|
| <b>1000012</b> | Galvanized deck cradle for 4-8 person throw-overboard liferafts   |
| <b>1000013</b> | Galvanized deck cradle for 10-16 person throw-overboard liferafts |
| <b>1000053</b> | Galvanized deck cradle for 20-25 person throw-overboard liferafts |

### RELATED PRODUCTS

- |                |   |
|----------------|---|
| <b>1015772</b> | Ramp for 2x16, 2x20 or 2x25 DK or DKF liferafts including lashing |
| <b>1015750</b> | Rack for one 16, 20 or 25 person DK liferaft including lashing    |

Several other ramp and rack options available

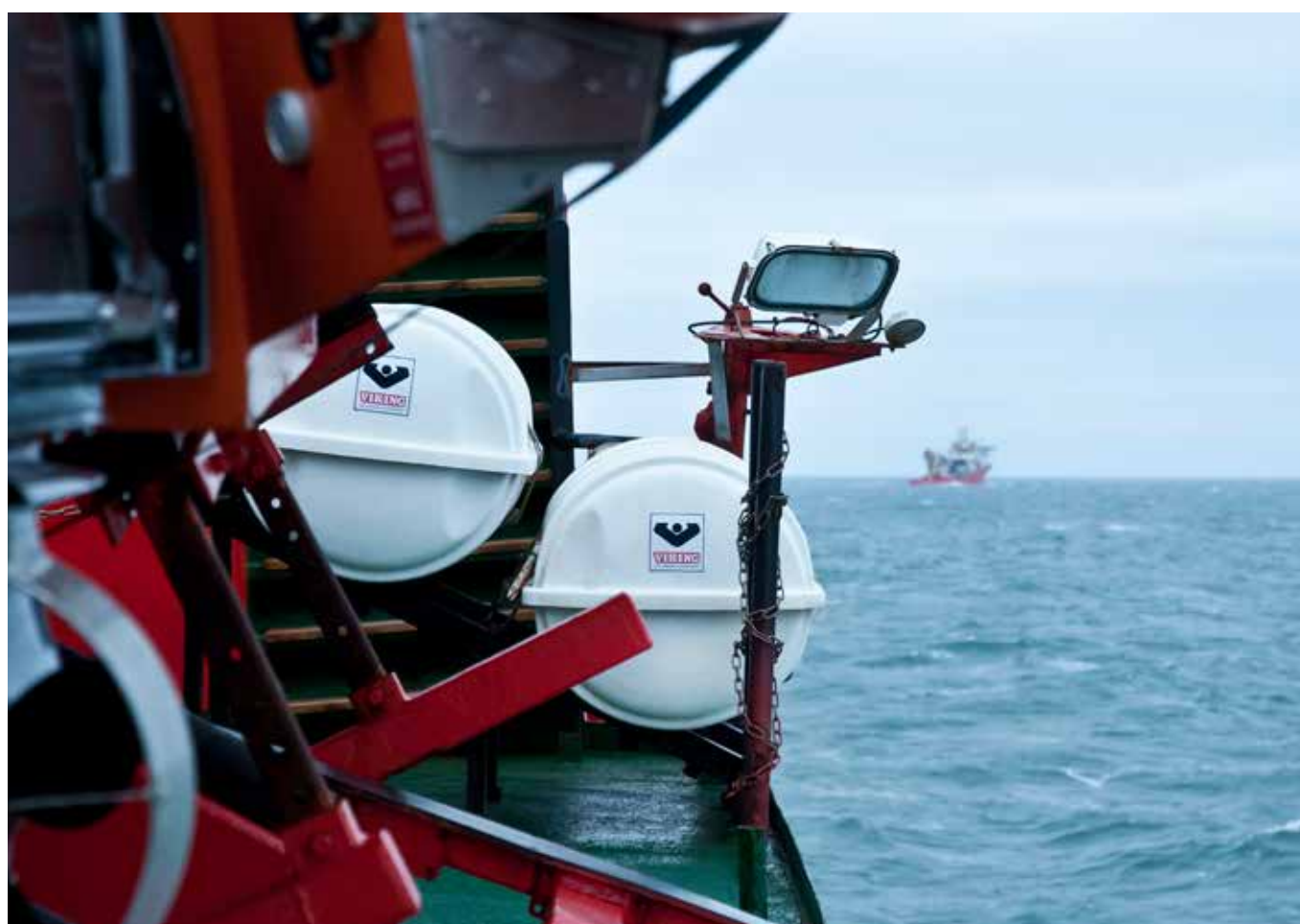
## Deck Cradle For Davit-launched Liferaft

- Delivered complete with lashings
- Cradles are available for davit-launched liferafts (12-35 persons)



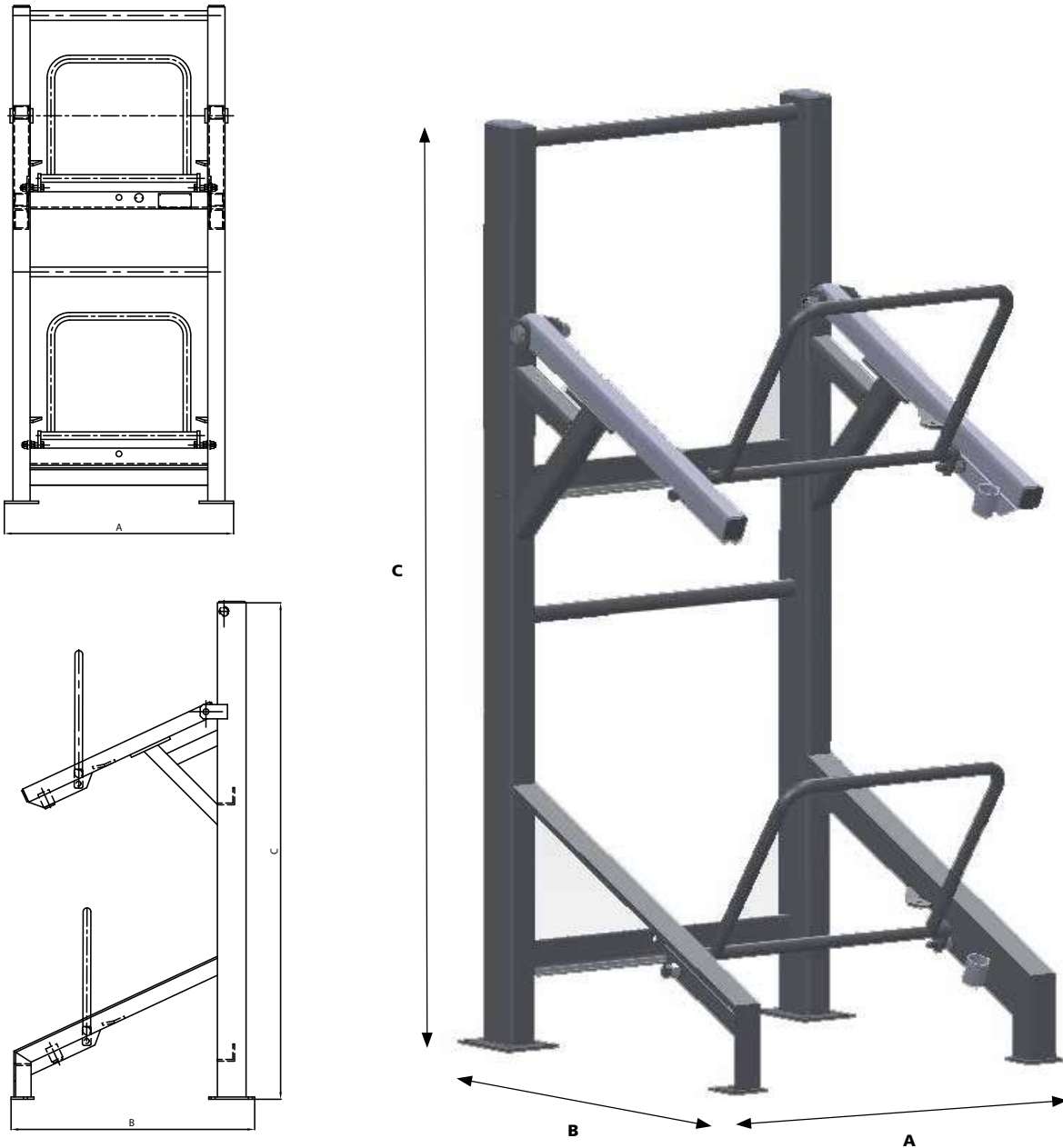
### VARIANTS

- |                |   |
|----------------|---|
| <b>1002727</b> | Galvanized deck cradle for 12 person davit-launchable liferaft      |
| <b>1000014</b> | Galvanized deck cradle for 16-25 person davit-launchable liferaft   |
| <b>1004327</b> | Galvanized deck cradle for 35 person davit-launchable liferaft      |
| <b>1035686</b> | Stainless steel deck cradle for 35 person davit-launchable liferaft |



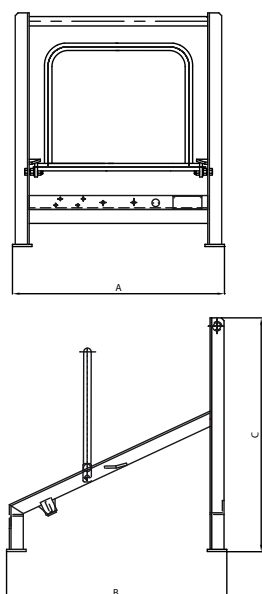
# Column Racks

A wide range of racks offering flexible integration with modern ship design, for several possible installation locations



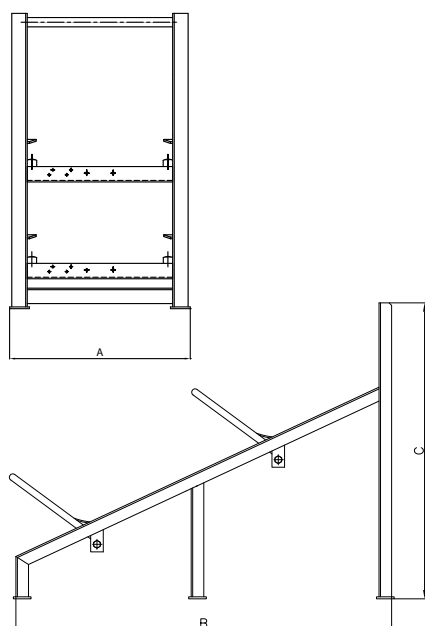
## Column Racks

Part no.	Lashing no.	Rack incl. lashing no.	Container type	A	B	C	Pack type	Surface	Weight
1014868	1014459	-	35 DK	830	906	2200	A+B	Galvanized	200 kg
1014868	1014867	1057491	35 DKF	830	906	2200	A+B	Galvanized	200 kg
1014765	1015784	1057489	10, 12, 16, 20, 25 DK	800	850	1742	A+B	Galvanized	110 kg
1014765	1015780	1057490	12, 16, 20, 25 DKF	800	850	1742	A+B	Galvanized	110 kg



### Single Rack

Part no.	Lashing no.	Rack incl. lashing no.	Container type	A	B	C	Pack type	Surface	Weight
1015750	1003994	1057481	35 DK	820	920	958	A+B	Galvanized	52 kg
1015750	1036173	1057674	35 DKF	820	920	958	A+B	Galvanized	52 kg
1015199	1004208	1057480	10, 12, 16, 20, 25 DK	760	790	838	A+B	Galvanized	35 kg
1015199	1055798	1057673	12, 16, 20, 25 DKF	760	790	838	A+B	Galvanized	35 kg



### Double Rack

Part no.	Lashing no.	Rack incl. lashing no.	Container type	A	B	C	Pack type	Surface	Weight
1014756	1014459	1057484	35 DK - 50 DKS	820	1840	1340	A+B	Galvanized	105 kg
1014756	1026580	1057485	35 DKF	820	1840	1340	A+B	Galvanized	105 kg
1015772	1004164	1057482	10, 12, 16, 20, 25 DK	760	1510	1173	A+B	Galvanized	68 kg
1015772	1015780	1057483	12, 16, 20, 25 DKF	760	1510	1173	A+B	Galvanized	68 kg





**VIKING  
NORSAFE**  
Boats and davits





# VIKING Norsafe Boats and davits

**VIKING Norsafe is the world's leading manufacturer of quality boats and davits**

With a history of maritime experience extending back to 1903, we manufacture the best range of standard and customized boats and davits, along with customized lifeboat systems, installation services and comprehensive training programs. It's all backed by a global network ready to help you ensure the safety of your people, equipment and productivity.

Our davit systems are specially designed for the launch and recovery of lifeboats and rescue boats.

All our davits are intended for long term, reliable operations in harsh marine environments and are designed and manufactured according to regulations.

**Our comprehensive product range provides reliability, when you need it**

- Totally enclosed lifeboats (TELB)
- Partially enclosed lifeboats (PELB)
- Free-fall lifeboats
- Davits, winches and hooks
- Rescue boats
- Fast-rescue boats
- Tender boats





## Compliance

Compliance is a focus for VIKING Norsafe boats and davits. Our products meet standards that are recognized by regulators all over the world.

Meeting, exceeding and actually defining Performance Standards enables our customers to demonstrate that their equipment is available and safe to use in all conditions.

VIKING Norsafe products are proven in use and have been used in emergency evacuations - many hold world records for performance - making them the preferred choice of more operators and shipyards than any other brand.



## Global Service

Our equipment is supported by a fully certified, well-equipped service network with experts who are always on call to ensure the safety of your operations.

## Solutions

VIKING Norsafe has a well-deserved reputation for solving the challenges our customers face – from operations and maintenance innovations to delivering complex engineered structures that interface with existing installations.

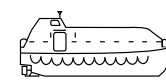


## Training

For the offshore industry, training is best conducted using the same equipment that operators will encounter in their daily work - whether performing drills or in an actual emergency. The VIKING Norsafe Academy is the only facility in the world that offers realistic free-fall testing and training in conditions that exactly replicate those found at installations.



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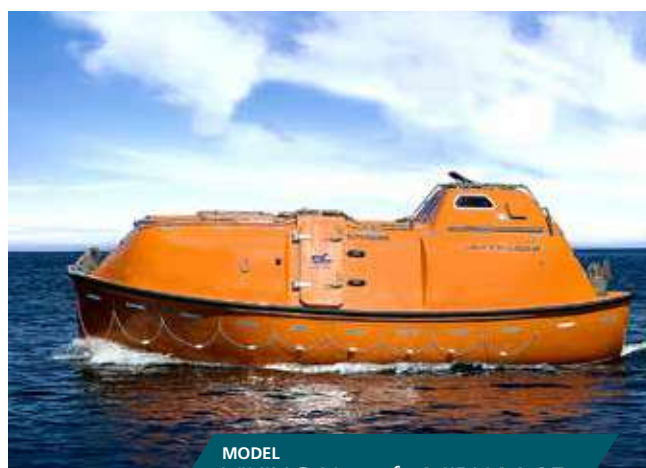
# Conventional lifeboats

The world's leading manufacturer of boats and davits

VIKING's totally enclosed and partially enclosed Norsafe lifeboats keep your personnel and passengers safe and protected. Launched via a cantilevered platform davit or a single pivot and low build hydraulic operated davit, these lifeboats offer high stability and are used all over the world.

Our lifeboat systems are robust and can easily withstand powerful winds and high waves in extreme weather conditions. Even if damaged or fully flooded, they are self-righting and unsinkable, with positive stability up to 180 degrees.

Boats can be delivered with either the VIKING Nadiro Drop-in-Ball™ system or the Tor MK-2 offload release hook.



MODEL  
VIKING Norsafe MIRIAM-85

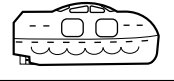
# Totally enclosed lifeboats

- Constructed with fire-retardant glass-fibre reinforced polyester (GRP)
- Launched by a cantilevered platform davit or single pivot davit
- Positive stability up to 180 degrees
- Smaller boats (up to 8.5 m) suitable as both lifeboat and rescue boat
- The largest boats have a maximum capacity of 150 persons

Model	Dimensions (m) (L x W x H)	Capacity (max. persons) @ 82.5 kg)	Weight (kg incl. max persons)	Hook distance (m)
JYN-50 MKI	5.06 x 2.20 x 3.10	22	4250	4.60
JYN-57 MKI	5.76 x 2.20 x 3.10	26	4850	5.30
JYN-65 MKI	6.56 x 2.30 x 3.10	36	5900	6.10
JYN-74 MKI	7.41 x 2.68 x 3.00	52	7700	7.00
JYN-75 MKI	7.56 x 3.15 x 3.30	68	9800	7.00
JYN-80 MKI	8.06 x 2.85 x 3.10	63	9000	7.60
JYN-85 MKI	8.56 x 3.15 x 3.30	80	11200	8.00
JYN-100 MKI	10.21 x 3.25 x 3.40	106	14600	9.68
JYN-115 MKI	11.56 x 3.80 x 3.54	136	19623	10.96
MATHILDA-7.4 MKI	7.52 x 2.71 x 3.12	50	7900	6.87
MIRIAM-8.5 MKI	8.60 x 3.25 x 3.55	73	10723	7.80
MAUD-9.4 MKI	9.50 x 3.30 x 3.55	80	11450	8.75
MAGGIE-10.7 MKI	10.80 x 3.30 x 3.55	90	12725	9.60
MAXIMA-120 MKI	12.02 x 3.95 x 3.96	150	22600	11.20



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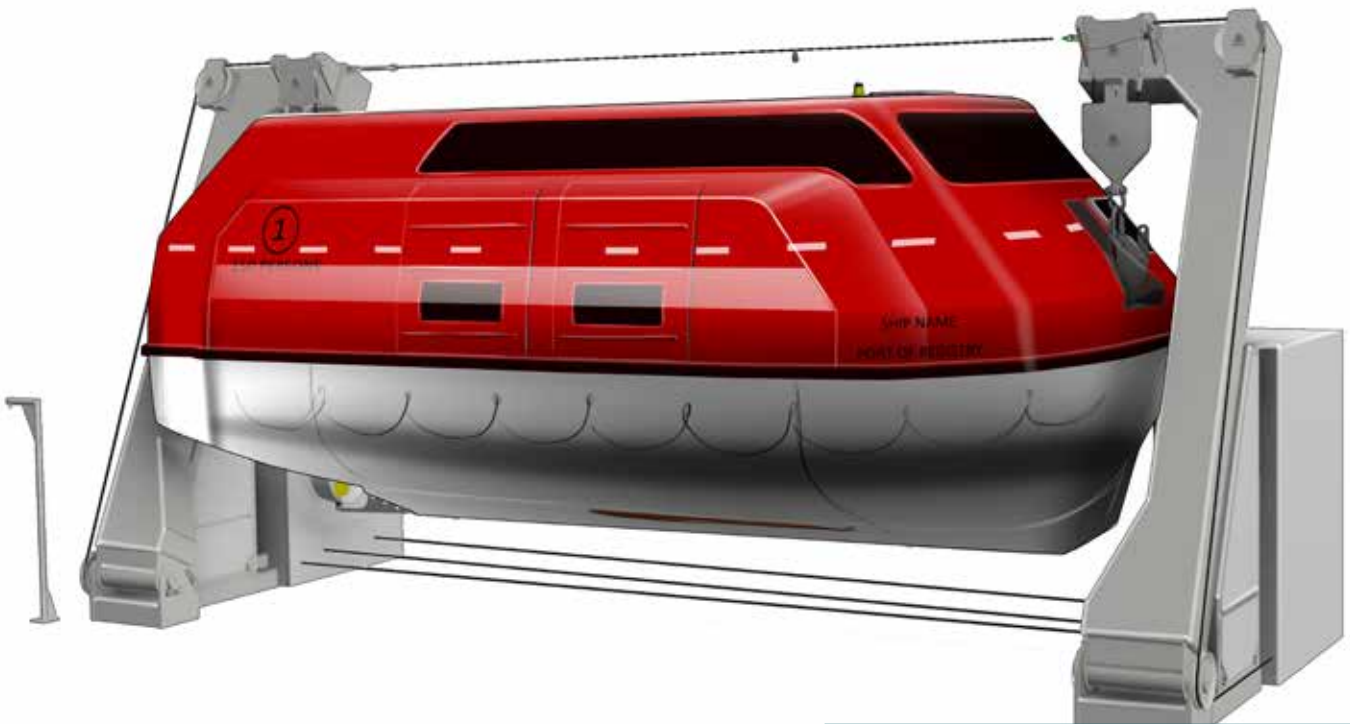


# Partially enclosed lifeboat

**Special attention to seating, height and visibility for safe embarkation and operation**

Our recently developed partially enclosed lifeboat, the VIKING Norsafe Minima 88, provides a secure and protected means of escape for persons on-board passenger vessels.

With its signal-colored canopy, white hull and streamlined exterior, this fresh design brings innovative new features.

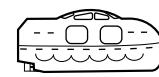


MODEL  
VIKING Norsafe Minima-88 LHD-200

- Spacious cockpit in the middle of the boat provides excellent visibility during embarkation
- Seats are arranged on two levels
- Excellent forward visibility and good view for the helmsman
- A roof hatch in the cockpit provides vertical visibility towards the davits
- The large side doors aid fast, efficient embarkation
- Mechanical steering nozzle offers optimum maneuverability and increased bollard pull
- SOLAS compliant

Model	Dimensions (m) L x W x H	Capacity (max. persons @ 82.5 kg)	Weight kg (incl. max persons)	Hook distance (m)
MINIMA-88 MKI	8.87 x 4.25 x 3.65	150	17750	8.18





# Tender boat

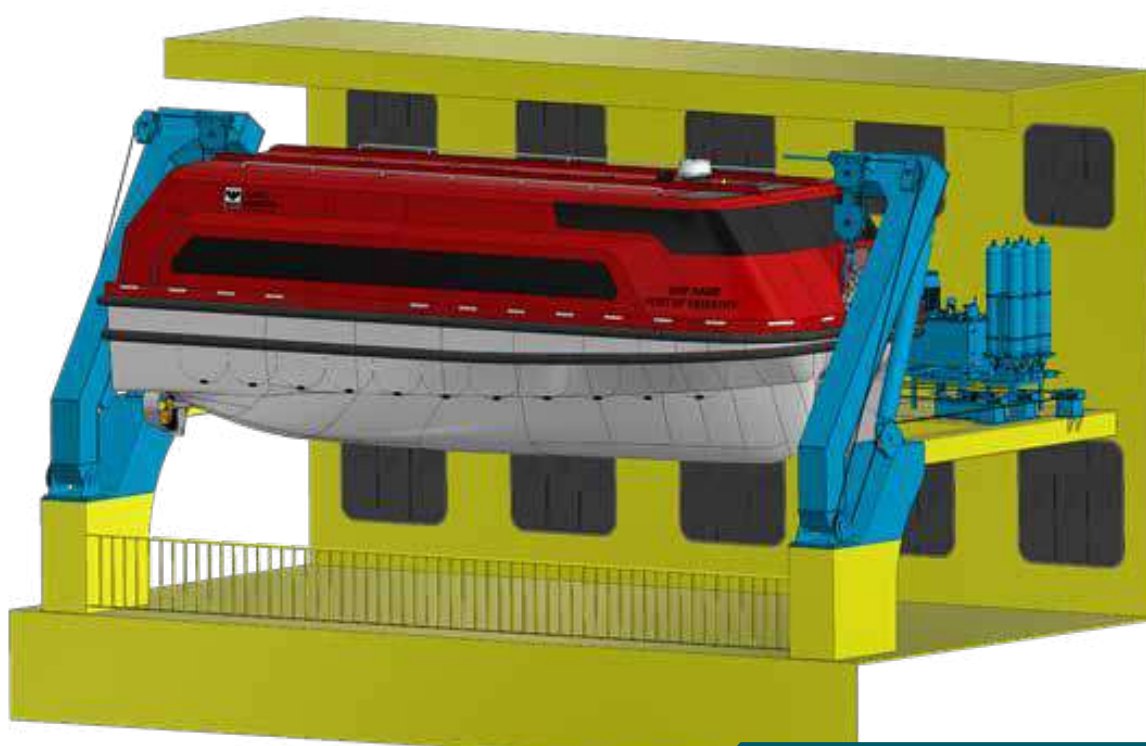
**Combined Cruise Tender / Survival craft designed and manufactured according to latest SOLAS requirements.**

The survival craft provides a secure and protected means of escape for persons onboard passenger vessels. The survival craft is designed for launch and retrieval by a suitable davit. Design and construction fulfil the need for reliable, low maintenance standby and operation.

Prime embarkation to the survival craft is through the side entrance areas, which open sideways up with top hinged large doors.

This embarkation hatch solution secures the boarding area in best possible way and avoids slippery surfaces during rain/cold periods to the highest possible extend.

The spacious cockpit in the forward section of boat provides excellent overview during embarkation as well as a 360 degree view for the helmsman and also good visibility upwards towards the davits during launching/retrieval as well as forward during normal sailing.

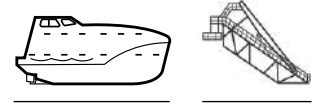


MODEL  
VIKING Norsafe MISTRAL-390 LHD-P-250

Model	Dimensions (m) L x W x H	Capacity (max. persons @ 82.5 kg)	Weight kg (incl. max persons)	Hook distance (m)
MISTRAL – 390 Mk II	11,13 x 4,63 x 3,80 m	120/150 persons	24.000 kg	10,50



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# Free-fall lifeboat systems

Tailor-made for rapid evacuation, our freefall lifeboats are extensively tested to ensure reliable performance in powerful winds and high wave conditions. Fast-boarding and robust, they enter the water well away from the mothership.

## 100% preparedness for a safe evacuation

The VIKING Norsafe GES-model freefall lifeboats are designed for skid-launched free fall. This ensures that water entry is from a safe distance from the installation and enables maximum forward motion.



MODEL  
VIKING Norsafe GES-18 HD-18

Model	Dimensions (m) (L x W x H)	Capacity* (max. persons@ 82.5 kg)	Weight (kg incl. max. persons)	Drop height (m)
GES-18 MKII	5.80 x 2.36 x 3.10	18	4750	15
GES-21 MKI	6.55 x 2.64 x 3.15	26	6300	20
GES-25 MKII	7.50 x 2.75 x 3.42	32	7200	22
GES-30 MKII	9.00 x 2.75 x 3.42	40	9100	25
GES-35 MKI	10.50 x 2.85 x 3.45	48	12000	28
GES-40 MKII	12.00 x 2.75 x 3.42	55	13380	26

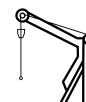
# Free-fall davits

Our free-fall davits provide rapid evacuation using a skid launch – guaranteeing that lifeboats enter the water well away from the ship. The hydraulic winch systems streamline lifeboat launch and recovery.



MODEL  
VIKING Norsafe GES-30 HD-30

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
HD-18 MKI	GES-18 MKII	5300	5100
HD-21 MKI	GES-21 MKI	6300	6305
HD-25 MKI	GES-25 MKII	7200	6500
HD-30 MKI	GES-30 MKII	9300	10020
HD-35 MKI	GES-35 MKII	12000	10532
HD-40 MKI	GES-40 MKII	13500	16499



# Conventional davits

Safely release and retrieve totally enclosed lifeboats with our conventional davits. VIKING Norsafe davits are available in a wide range of weights, maximum lifting/lowering capacities and lowering heights.



MODEL  
VIKING Norsafe LHD-60

## Single-pivot gravity davit

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
E-60 MKI	JYN-57, JYN-65	6116	4800
E-65 MKI	JYN-57, JYN-65	6625	5500
E-80 MKI	JYN-74	8000	5980
E-90 MKI	Mathilda-7.4, JYN-74, JYN-75, JYN-80	9174	7800
E-110 MKI	JYN-75, JYN-80, JYN-85, Miriam 8.5	11214	8000
E-150 MKI	JYN-100	15290	10700

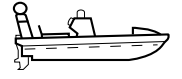
## Hydraulic luffing davit

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
LH-140 MKIII	JYN-74, JYN-75, JYN-80, Miriam 8.5, JYN-85, JYN-100	15290	8300
LH-185 MKIII	JYN-115	20387	11200
LH-230 MKI	Maxima-120	23000	17000
LHD-60 MKI	JYN-57, JYN-65	6110	4150
LHD-90 MKI	JYN-74, JYN-75, JYN-80	9174	6000
LHD-110 MKI	JYN-75, JYN-80, JYN-85	11214	7000
LHD-150 MKI	JYN-100	15291	9000
LHD-200 MKI	JYN-115, Minima-88	2000	11000
LHD-230 MKI	Maxima-120	23466	13000
LHD-P-250	MISTRAL-390	25.000 kg	15.000





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MODEL  
VIKING Norsafe Midget 530

# Rescue boats

## 100% fibreglass for easy maintenance and usability

VIKING Norsafe rescue boats RB deliver reliable performance and excellent maneuverability at sea. Complies with SOLAS regulation offering self-righting in case of capsizing, and space for crew and stretcher. Typical lifting is by a rescue boat slewing davit.

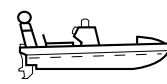
## Standard equipment

- Proven hull design for smooth ride and maneuverability
- VIKING Norsafe marine outboard engines offers high reliability and low maintenance

## Optional equipment

- Release hook
- Bigger engine giving more power for liferaft towing.

Model	Engine	Dimensions (m) L x W x H	Capacity (max. persons @ 82.5 kg)	Weight kg (incl. max. persons)
MATRIX-450 MKI	Outboard engine	4.50 x 1.96 x 1.96	6	1000
MIDGET-500 MKII slings, console	Outboard engine	5.10 x 2.07 x 1.90	6	1200
MIDGET-500 MKII fixed hook, console	Outboard engine	5.10 x 2.07 x 1.90	6	1200
MIDGET-500 MKII slings, thwart	Outboard engine	5.10 x 2.07 x 1.90	6	1100
MIDGET-530 MKII diesel propeller	Inboard diesel	5.32 x 2.07 x 1.82	8	1650
MIDGET-530 MKII waterjet	Inboard diesel	5.32 x 2.07 x 1.82	8	1650
MERLIN-615 R MKI outboard	Outboard engine	6.25 x 2.45 x 2.50	15	2388



MODEL  
VIKING Norsafe Magnum 750

# Fast rescue boats

VIKING's Norsafe fast rescue crafts FRC are very efficient on water, delivering reliable performance under any condition. Ideal for all types of assistance, evacuation and rescue.

Our rescue boats and fast rescue boats provide excellent maneuverability with low maintenance standby and operation providing the means for effective search and recovery for people at sea. Designed for maximum effectiveness, our fast rescue boats feature high freeboard and a spacious deck.

Typical propulsion is by water-jet diesel engine – with engine power from 140 to 440hp. Some boats can also be delivered with outboard engines or Stern drives. Typical lifting is from a single point by an A-Frame davit.

## Standard equipment

- Proven deep V-hull with a convex bottom for smooth ride and strength
- Most robust system on the market with diesel engine cooling via seawater offtake in waterjet. No water pump with rubber impeller necessary.
- Strong fender system and easy refit after worn out

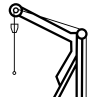
## Optional equipment

- Flood LED lights, VHF radio and GPS navigation system
- On-load release towing hook
- Shock absorbing seats
- Miscellaneous safety gear for crew, rescue cradles etc.

Model	Engine	Dimensions (m) (L x W x H)	Capacity (max. persons @ 82.5 kg)	Weight kg (incl. max persons)
MERLIN-615 MKI Outboard	Outboard engine	6.25 x 2.45 x 2.50	15	2388
MERLIN-615 MKI Waterjet	Inboard diesel with waterjet	6.25 x 2.45 x 2.50	15	2720
MAKO-655 MKI waterjet	Inboard diesel with waterjet	6.75 x 2.70 x 2.26	15	3200
MAKO-655 MKI Single & twin outboard	Outboard engine	6.96 x 2.70 x 2.26	15	2810/2848
MAKO-655 EI	Outboard engine	6,75 x 2,70 x 2,26	15	2888
MAGNUM-750 MKII	Inboard diesel with waterjet	7.70 x 2.90 x 2.67	15	3828
MAGNUM-850 MKI WJ	Inboard diesel with waterjet	8.87 x 3.27 x 3.10	17	5730
MAYA-850 MKI	Inboard diesel with waterjet	9.19 x 3.29 x 3.50	17	5858



**VIKING  
NORSAFE**



# Rescue boat/ Fast rescue boat davits

Designed to ensure safe and efficient launch and retrieval, our rescue boat davits are suitable for most rescue boats, including fast rescue boats.

The davit system is designed for long time operation in a tough and corrosive marine/offshore environment and to fulfill all requirements as given in latest SOLAS/IMO requirements.



MODEL  
VIKING Norsafe NRB-20

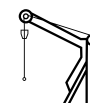
## Slewing combi rescue raft davit

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
NDSC-25 MKI	Matrix-450 MKI, Midget-500 MKII, Midget-530 MKII and liferafts	2500	2000
NDSC-34 MKI	Matrix-450 MKI, Midget-500 MKII, Midget-530 MKII, Merlin-615 MKI and liferafts	3467	2800
NRC-25 MKI	Matrix-450 MKI, Midget-500 MKII, Midget-530 MKII and liferafts	2500	2300
NRC-25 P MKI	Matrix-450 MKI, Midget-500 MKII, Midget-530 MKII, liferafts and provision	2500	2450
NRC-34 MKI	Matrix-450 MKI, Midget-500 MKII, Midget-530 MKII, Merlin-615 MKI and liferafts	3400	-

## A-frame rescue davit

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
NDA-16 MKI	Midget-500, Midget-530	1650	1400
NDA-25 B HST	Midget-530 MKII, Merlin-615 MKI, Mako-655 MKI, Magnum-750 MKII	2800	2500
NDA-65 MKI	Magnum-850, Maya-850	6625	7800
NRB-20 MKII	Midget-500 MKII, Midget-530	2000	2100
NRB-30 MKII	Merlin-615 MKI, Mako-655 MKI	3000	3150
NRB-30 MKII HS	Merlin-615 MKI, Mako-655 MKI	3000	3150
NRB-30 MKII HST	Merlin-615 MKI, Mako-655 MKI	3000	3150
NRB-40 MKII	Mako-655 MKI, Magnum-750 MKII, Marathon 900	4000	4000
NRB-40 MKII HS	Mako-655 MKI, Magnum-750 MKII, Marathon 900	4000	4000





# Liferaft slewing davits

We can provide a wide range of liferaft davits. Contact your local VIKING representative for more information.

Item no.	
VNLD-15	Liferaft davit, manual, VNLD-15 for 12-16 persons
NDSC-R-23	Liferaft davit, manual, NDSC-R-23 for 12-25 persons
NRC-R-34	Liferaft davit, manual, NRC-R-34 for 25-35 persons
1076676	Liferaft davit, manual CM-52 15-3.5L for 12-16 person liferafts
1071435	Liferaft davit, manual CM-144 23-4.0L for 20-25 person liferafts
1076677	Liferaft davit, manual CM-144 36-4.0L for 35-39 person liferafts
1071352	Pedestal CM-52/CH-52
1076680	Quick return unit and jockey pulley
1071351	Conservation slewing davits (3-layer paint system)

## VIKING Norsafe RCH-36 combi hook

VIKING has more than 30 years of experience in designing and manufacturing of hook systems. RCH36 is our innovative combi hook that can be used for both MOB and rafts. The intuitive round design with integrated holding handles ensure extra crew safety.

VIKING RCH36 combi hook is made of high quality material and is resistant to pitting and corrosion and is fully compliant.

- SOLAS approved
- Maximum Working Load (SWL): 36 kN
- Automatic and manual release function for easy operation
- Ergonomic design with only few moving parts
- Highly resistant material ensures minimum maintenance
- Well labeled and visible instruction plates and padlock indicator for easy use
- Backed up by VIKING's cost-effective replacement program and local stock points



## VIKING Nadiro Drop-In-Ball™ hook system



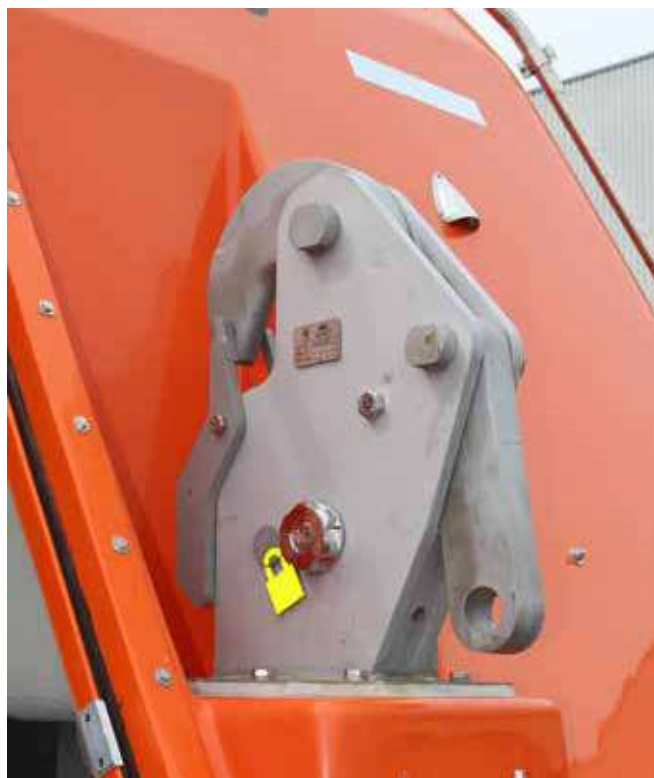
Our unique, patented Drop-In-Ball™ hook system delivers safer operation, ensuring that no lifeboat can be unintentionally released high above sea level.

- Off load hook with on-load capability, SOLAS. Range of standardized hooks covers lifeboat capacities up to 150 people. Available as single and double fall hook system in 3.2 T, 7.5 T and 12.5 T versions with a hook capacity of 3250 kg. for each hook (32 kN)

- Simplifies crew training and needs minimal crew and time to operate. Easy user interface inside the lifeboat and intuitive re-hooking with a safe and easy click-in system.
- Gravitational forces keep the hook closed. Hydraulic powered release and back-up release mechanism ensures reliability
- Few moving parts and no hidden components for efficient servicing
- Compliant with IMO regulations Res. MSC.320 (89) and LSA Code
- Can be fitted or retrofitted on almost all makes of lifeboats, rescue boats and fast rescue crafts

Type	SWL
VIKING Nadiro DIB32, single point	3.25 tonnes
VIKING Nadiro DIB32, dual point	6.50 tonnes
VIKING Nadiro DIB75, single point	7.50 tonnes
VIKING Nadiro DIB75, dual point	15.00 tonnes
VIKING Nadiro DIB125, single point	12.50 tonnes
VIKING Nadiro DIB125 dual point	25.00 tonnes

We can supply VIKING Nadiro Drop-in-Ball™ hooks in versions for rescue boats and up to 150 person lifeboats.



## VIKING Norsafe TOR MK2 on-load release hook

The TOR MK2 is based on a design that has been the industry standard for 30 years. Extensive design and testing process in cooperation with leading oil and gas operators to ensure reliability, simplicity and durability. Intuitive operation to the risk of human error.

The TOR MK2 hook system has been evaluated in line with recent LSA codes, including IMO Res. MSC.320(89) and MSC.321(39). A complete product range is suitable for all sizes of conventional lifeboats.

### Advantages

- Duplex manufacture with maintenance-free bearings. The TOR MK2 is not sensitive to wear and tear and without critical tolerances
- Passive system where cables and connections are not under tension when not in use, cables operate on a push basis - keeping the hook secure in case of failure
- Only visual inspection by crew is required
- Intuitive operation instructions with graphic representation of operation stages
- Compatible with all VIKING Norsafe lifeboats
- Zero-accident record

Type	SWL
TOR MK2-S 3.36T	3.36 tonnes
TOR MK2-S 6T	6.00 tonnes
TOR MK2-S 9T	9.00 tonnes
TOR MK2-S 12T	12.00 tonnes



## VIKING Norsafe K4-D off-load release hook

The K4-D and K4-D-FM hooks are designed for single fall lifting. Normally installed on the center console of a rescue boat, they can be installed either as a flat mount solution together with an adaptor plate or without the adaptor plate, fitting into existing lifting foundations.

### Advantages

- Designed for ease of use, they can only be opened when there is no load on the fall wire
- Successfully tested and approved by DNV GL according to MSC.81(70) as amended
- Not sensitive to wear and tear
- No critical tolerances
- Made of duplex stainless steel
- Only visual inspection is required by the crew
- Compatible with all VIKING's Norsafe rescue boats
- Maximum Working Load (SWL): 4 tonnes



# World-class safety training



**The VIKING Safety Academy is located at three facilities, in Greece, Norway and Thailand.**

Centres are equipped with SOLAS equipment including free-fall lifeboats, conventional lifeboats and fast rescue boats. This allows both safety training as well also operation and maintenance training for offshore staff.

The Academy facility in Norway has a multiple height, multiple boat free-fall launch tower which allows manned free-fall training to a maximum of 40 m. This means that training can be completed with equipment equivalent to those installed offshore, considered to be critical in the offshore industry.

VIKING Safety Academy staff also travel overseas to conduct on-site technical training and testing with our customers.

*Height and width adjustable free-fall test tower for multiple boat types*

## Course availability

**The VIKING Safety Academy is certified to provide marine and offshore courses specific to industry requirements for conventional lifeboats, free-fall lifeboats and rescue boats**

### Offshore courses

- NOROG OSE129 Skid type lifeboat, basic and refresher course
- NOROG OSE135 Conventional lifeboat coxswain, basic and refresher course
- NOROG OSE114 Small MOB boat, basic and refresher course
- NOROG OSE1141 Large MOB boat, basic and refresher course

**See our wide range of online courses on [VIKING-safetyacademy.com](http://VIKING-safetyacademy.com).**

### Maritime courses

- STCW A-VI/2-1 Proficiency in survival craft and rescue boats other than fast rescue boats, basic and refresher course
- STCW A-VI/2-2 Proficiency in fast rescue boats, basic and refresher course
- STCW A-VI/2-1, 3, 4-1 Proficiency in survival craft, advanced firefighting and first aid - upgrade course for ships officers, refresher
- Combination course STCW A-VI/2-1 and NOROG OSE 129 Freefall lifeboat Combination course STCW A-VI/2-1 and NOROG OSE 135 Conventional lifeboat
- STCW A-VI/4-2 Medical care course, refresher
- STCW A-VI/1-1, 1-2, 1-3 & 1-4 Basic safety training for seafarers, basic and refresher
- STCW A-VI/6-1 Security awareness training
- STCW A-VI/6-2 Seafarers with designated security duties
- STCW A-VI/2-1, 2-2 Crowd and crisis management, basic and refresher



### Tailor-made training

Operations and maintenance course for VIKING Norsafe lifeboat and FRC systems. Courses are intended to prepare operator staff for daily management and troubleshooting of the equipment.

### Train the trainer

The VIKING Safety Academy has developed specialised courses designed to improve competence in other schools and training centres as well as with equipment surveyors. The courses have been a great success in giving industry professionals an updated overview of the latest developments.

*Topics covered in the four-day course include:*

- Operation and maintenance training of free-fall lifeboat systems (including free-fall drop testing)
- Conventional lifeboats, release systems and davits
- Rescue boats and davits
- Update on latest IMO and EU regulations
- Accident evaluation procedures



MODELS  
VIKING Norsafe Magnum-750 MKII and GES-50 MKIII





# Experience the worlds strongest lifeboat service solution

All the safety you need - from one supplier

## Lifeboat service with OEM competence

Joining forces with Norsafe, VIKING now holds a unique position as a leading manufacturer and service provider for lifeboats, liferafts, offshore evacuation systems and all other major types of life-saving equipment.

Adding all the benefits and efficiencies of the Norsafe OEM-grade service setup to the VIKING Offshore Safety Agreement concept, we allow our customers to streamline and simplify safety compliance like never before!

## All services

VIKING offers a unique OEM approach to multi-brand lifeboat, rescue boat, launching and release gear service, maintenance, testing, retrofit, overhaul and repair. The large combined team of VIKING and Norsafe of in-house trained and certified service technicians have the experience, flexibility and competencies to deliver the right solution for any project. Also, they work to maximize cost-efficiency, regulatory compliance and safety in the process.

We control the entire service value chain including booking, administration, spares, execution, documentation and support. This ensures that our customers can always expect unmatched efficiency, flexibility and quality.

### Service competencies

- Lifeboat manufacturer
- 23 state-of-the art lifeboat service facilities worldwide
- Full scope of OEM-grade lifeboat servicing
- Upgrades, refurb, spares and retrofit
- In-house training facilities



### Multi-product servicing

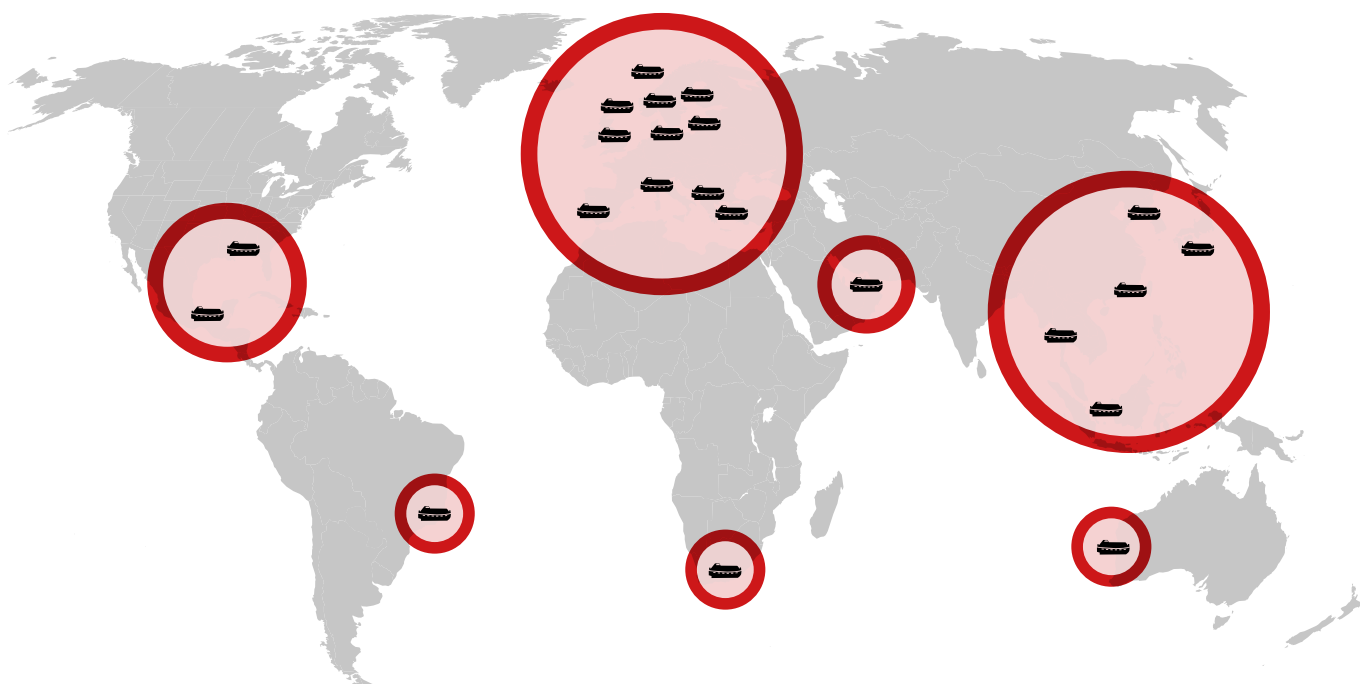
- Consolidate servicing of lifeboats, liferafts, marine fire equipment, PPE, LSA and more
- All servicing requirements handled by a single supplier
- True one-stop safety compliance



### Multi-brand servicing

- Multi-brand service with OEM competence, quality and efficiency
- Technicians trained, certified and experienced in multi-brand servicing
- All major lifeboat brands serviced with OEM-grade quality






### All brands

Powered by our unique setup, VIKING can perform your annual and five yearly lifeboat inspections in compliance with SOLAS requirements and all applicable MSC guidelines.

Our facilities and technicians are fully equipped and certified to service all major lifeboat and launching appliance brands in accordance with the latest SOLAS regulations.

### All equipment

What is more, with a VIKING Offshore Safety Agreement, you can achieve safety compliance efficiencies at scale, leaving your multi-product service (lifeboats, liferafts, PPE, evacuation systems, firefighting equipment and more) safely in the hands of a global one-stop-shop supplier.

-  **VIKING owned lifeboat service station (23 worldwide)**
- ✓ **All major maritime hubs covered**
- ✓ **Fixed price service in more than 100 global ports**
- ✓ **Fixed price service + technician travel fee in any other port**

### All the world

The combined VIKING and Norsafe lifeboat service network is based on 23 cutting-edge service stations strategically located to cover all major global maritime and offshore hubs.

Manned by professional and highly trained technicians, these stations offer fixed price servicing in more than 100 key ports. Meanwhile, teams of technicians available for same day travel, ensure that similar services are, in reality, available anywhere.

#### Service availability

- Strong service network covering all global maritime hubs
- Global service agreements with fixed price servicing directly in over 100 key ports
- No-hassle digitalized service

#### Quality and compliance

- Full value chain control
- Experienced technicians trained to the highest standards
- Full documentation packages
- Full safety compliance with the latest SOLAS regulations

#### Local presence with global support

- Extensive global network of service planners and experts
- Digitalized notification and one-click service booking
- 24/7 support



# Lifeboat equipment

**VIKING can supply a comprehensive range of lifeboat equipment and spares to comply with the IMO LSA Code resolution MSC.48 (66)**

	Item no.	Description
1	1083770	Short handled firefighter axe
2	1000346	Plastic bailer
3	1024212	Boat grab hook
4	1046608	Bucket, plastic 10 ltr.
5	1032470	Compass, type Silva 70UNE
6	1048278	Dipper with chain, 100 ML
7	1000345	Drinking cup
8	1056105 1056106	SOLAS First Aid Kit I and Kit II according to regulations
9	1003682	Fishing tackle, SOLAS
10	1001206	Lightstick 6", 30 minutes, yellow
11	1000320	Handflare signal
12	1000326	Signalling mirror
13	1048289	Jack knife
14	1026653	Floating knife
15	1000321	Smoke signal
16	1000341	Storm matches
17	1003023	Paddles
18	1003809	Rescue quoit

	Item no.	Description
19	1022628	Floating line 30 M
20	1036251	Radar reflector
21	1000315	Food rations
22	1000313	Water
23	1000321	Parachute signal rocket
24	1056776	Sea anchor
25	1004132	Search light
26	1003372	Seasickness bags
27	1000349	Seasickness tablets
28	1065696	2 kg. fire extinguisher
29	1005824	Table of life-saving signals
30	1000333	Sponge
31	1065885	Thermal Protective Aid
32	1000314	Tin opener
33	1066814	Signal lamp incl. batteries and bulb
34	1058946	Whistle
35	1005823	Survival instructions







  
**VIKING**  
 LIFE-SAVING EQUIPMENT

PRODUCT GUIDE

**VIKING YouSafe™**  
 Evacuation suits

VIKING LIFE-SAVING EQUIPMENT  
 - Your safety is safe with us



  
**VIKING**  
 LIFE-SAVING EQUIPMENT

PRODUCT GUIDE

**VIKING Lifejackets**

VIKING YouSafe™ • VIKING RescYou™



VIKING LIFE-SAVING EQUIPMENT  
 - Your safety is safe with us

# Get the ultimate Product Guides to Personal Protective Equipment

Whether you have a single vessel or vessel with a specific requirement or an entire fleet with a complex diversity of protective gear needs, our VIKING YouSafe™ Product Guides for protective suits and lifejackets will give you all the information necessary to specify the safest and most efficient PPE solution. Also, they're good sources for advice and tangible information on key features and benefits, approvals, materials and technology, stock variants, service intervals and much more.

Get a free copy at: [www.VIKING-life.com](http://www.VIKING-life.com) or contact your local VIKING office.





**VIKING  
PPE**

Protective suits



PROTECTIVE SUITS, LIFEJACKETS AND ACCESSORIES



# VIKING YouSafe™ - Personal Protective Equipment

The VIKING mission is to protect and save human lives all over the world and the VIKING YouSafe™ range is proof of our commitment to protect passengers and crew at sea.

The VIKING YouSafe™ PPE products put your safety first - from the basic foam lifejacket to the most advanced anti-exposure suit. No exceptions. After all, PPE is the 'last line of defence' when it comes to an emergency at sea.

To this day, VIKING YouSafe™ remains the brand of choice among leading cargo and passenger segment, shipowners, offshore oil, gas and wind asset operators, helicopter transportation providers, coast guards, SAR services and navies worldwide.

## PPE for all applications and approvals

VIKING has the industry's most comprehensive range of PPE for any application and our commitment to safety is design, features, comfort and style, too.



At the top of our VIKING YouSafe™ range of immersion suits, our multi-layer PU coated Nylon suits offer optimal dynamics between safety, thermal protection, in-water performance, ergonomic fit and excellent durability.

- SOLAS approved solutions
- Quality materials in high visibility yellow
- Quilted thermal liners
- Fire retardant materials
- Oversized fit
- Extended zipper to side of face for the best comfort and minimal water ingress
- Loose gloves for easy donning of the suit

# VIKING YouSafe™ Immersion Suits

## PU Coated Nylon

### VIKING YouSafe™ Blizzard, Immersion Suit, SOLAS/TC/RMRS

Premium 'Polar Code ready' immersion suit based on a multi-layer system with double thermal insulation to protect you in the harshest of conditions. Built-in buoyancy eliminates the need for a separate lifejacket, provides superior freeboard and enables faster donning in an emergency.

- SOLAS/MED, TC and RMRS approved multi-layer system
- Built-in buoyancy (no lifejacket required)
- Double layer lining that provides 6 hour thermal insulation
- Interior braces for adjustable sizing
- Detachable gloves for easy donning
- Lifting becket, buddy line and emergency light
- Weight 5 kg
- Airtight packing optional
- Dimensions: H 67 x W 50 x D 24 cm (packed)
- Tested to perform under Polar conditions
- Sizes - 46/Small: Height from 140 cm to 175 cm, weight from 40 kg to 75 kg - 54/Universal: Height from 140 cm to 200 cm, weight from 50 kg to 100 kg - 58/Oversize: Height from 190 cm to 210 cm



Ideal for  
Polar Code  
applications

Approved  
for use  
without a  
lifejacket

ITEM NO.: PS5002



#### VARIANTS

PS5019

VIKING YouSafe™ Gale, immersion Suit, SOLAS





## VIKING YouSafe™ Storm, Immersion Suit, SOLAS/NMD

- Offshore immersion suit with attached inflatable buoyancy, providing an improved self-righting feature.
- Integrated 275N buoyancy
- Interior braces for adjustable sizing
- Lifting becket, buddy line and emergency light
- Detachable gloves
- Easy donning and adjustment
- Weight: 5.18 kg
- Dimensions: H 67 x W 50 x D 24 cm (packed)
- Airtight packing optional
- Sizes - 54/Universal: Height from 140 cm to 200 cm, weight from 50 kg to 100 kg - 58/Oversize: Height from 190 cm to 210 cm, weight from 100 kg to 160 kg
- SOLAS/NMD approved according to requirements for mobile drilling units (MODU) as first point



ITEM NO.: PS5026

**NMD approved self-righting**



## VIKING YouSafe™ Breeze, Immersion Suit, SOLAS/MED

Excellent multi-layer immersion suit for increased thermal protection and fast donning in an emergency.

- Must be worn with an approved lifejacket
- Optional lifting becket, buddy line, whistle and emergency light
- Interior braces for adjustable sizing
- Fabric ensures long lifespan of the suit
- Weight 3.16 kg
- Airtight packing optional
- Dimensions: H 70 x W 50 x D 15 cm (packed)
- Included in the VIKING Shipowner Agreement concept
- Sizes - 54/Universal: Height from 140 cm to 200 cm, weight from 50 kg to 100 kg - 58/Oversize: Height from 190 cm to 210 cm, weight from 100 kg to 160 kg - Available in child sizes (12 and 15)



ITEM NO.: PS5006

### VARIANTS

PS5019 VIKING YouSafe™ Gale, immersion suit, SOLAS

### RELATED PRODUCTS

PV9530 VIKING YouSafe™ Essence, lifejacket, SOLAS

PV9522 VIKING YouSafe™ Ergo, lifejacket, SOLAS

PV9342 VIKING YouSafe™ One, inflatable lifejacket, SOLAS



# VIKING YouSafe™ Immersion Suits Neoprene

**VIKING YouSafe™ neoprene immersion suits are made of high quality, durable fabrics.**

Thermal protective performance is combined with high visibility colors to help increase your chance of survival in critical situations. Suits comply with SOLAS regulations and provide excellent thermal protection, flame retardancy together with a good, ergonomic fit.

Key features include extended zippers for comfort and minimal water ingress, detachable gloves to ease donning and reinforced anti-slip soles for durability and safety.

Optional integrated buoyancy, lifting becketts and packaging types are available.

*Contact your local VIKING office for more information or visit the VIKING Safetyshop on [www.VIKING-life.com](http://www.VIKING-life.com)*



## VIKING YouSafe™ Wave Immersion Suit, SOLAS/RMRS

- Standard model, must be worn with an approved lifejacket
- SOLAS/MED/RMR approved (6 hours)
- Detachable gloves
- Airtight packing available
- Included in the VIKING Shipowner Agreement concept
- Sizes: Universal 140-200 cm  
Oversize 170-210 cm

ITEM NO.: PS2014



### VARIANTS

PS5006 VIKING YouSafe(TM) Breeze, immersion suit, SOLAS

### RELATED PRODUCTS

PV9530 VIKING YouSafe™ Essence, foam lifejacket, SOLAS

PV9522 VIKING YouSafe™ Ergo, foam lifejacket, SOLAS

PV9342 VIKING YouSafe™ One, inflatable lifejacket, SOLAS

PV9341 VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE

## VIKING YouSafe™ Tide Immersion Suit, SOLAS/RMRS/TC/TP620

- SOLAS/MED, RMRS, TC and TP62 approved (6 hours)
- Integrated buoyancy module (no lifejacket required)
- Detachable gloves
- Extended zipper
- Airtight packing available
- Lifting becket, buddy line, emergency light, and whistle
- Included in the VIKING Shipowner Agreement concept
- Sizes: Universal 140-200 cm  
Oversize 190-210 cm

ITEM NO.: PS2007



Approved  
for use  
without a  
lifejacket

## VIKING YouSafe™ Surge Immersion Suit, USCG/SOLAS

- SOLAS and USCG approved (6 hours)
- Integrated buoyancy module (no lifejacket required)
- Fixed gloves with straps for easy adjustment
- Lifting strap and buddy line included
- Sizes: Small 140-170 cm  
Universal 150-200 cm  
Jumbo 170-220 cm

ITEM NO.: PS2006



Approved  
for use  
without a  
lifejacket





Made from waterproof, highly durable and breathable GORE-TEX® fabric. VIKING's new generation of highly flexible anti-exposure and immersion suit for constant wear lets you work hard and stay safe under extreme conditions.

# VIKING YouSafe™ Constant Wear Suits

Multi-approved, and ergonomically enhanced, VIKING YouSafe™ anti-exposure suits are designed for constant wear performance across multiple tough maritime work applications. Beyond excellent protection, they offer great comfort, flexibility and freedom of movement.

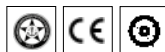
## VIKING YouSafe™ Hurricane Series, Anti-exposure Suit, SOLAS/RMRS/CE

- Specifically designed for maritime work applications
- Available with or without integrated inflatable buoyancy
- SOLAS/MED, RMRS and CE/ISO approved as anti-exposure and immersion suit
- Ideal for operations in both cold and warmer climates with a choice of detachable liner systems for 1 or 6 hour thermal protection against hypothermia and cold shock
- Made from waterproof and breathable GORE-TEX® NARVIK™ with stretchy fabric panels for enhanced ergonomics, comfort and freedom of movement
- Knees reinforced with Para Aramid
- Choice of gloves and hood, attached rubber safety boots with steel caps and steel soles
- Lifting becket, buddy line, emergency light and whistle
- Host of design extras, i.e. print on back, embroidered patches etc.
- High-visibility yellow or orange enhances the chance of being spotted by SAR crews in case of a MOB emergency
- Available in several sizes, including custom sizes

Variants  
for use with  
or without  
a lifejacket



ITEM NO.: PS4191



VARIANTS	
PS4190	VIKING YouSafe™ Hurricane, anti-exposure suit with built-in buoyancy, SOLAS/CE
PS4111	VIKING YouSafe™ Boras, anti-exposure suit, SOLAS/CE
RELATED PRODUCTS	
PV9380	VIKING YouSafe™ Vanguard, inflatable lifejacket, SOLAS/CE
PV9341	VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE
PV9340	VIKING YouSafe™ Elite, inflatable lifejacket, SOLAS



Available for short or long term leasing in the offshore wind sector.

## VIKING YouSafe™ Cyclone, Immersion/Constant Wear Work Suit, SOLAS/CE

This lightweight suit delivers tailored protection and is perfect for extended wear, enabling users to focus on their work rather than their protective clothing. The snug design prevents friction and snag hazards. It is compatible with industry standard harness systems, e.g. Offshore Wind.

- SOLAS and CE approved
- Outer fabric GORE-TEX® NARVIK™
- Superlight shell with low friction and high tear strength
- Reinforcements with Para Aramid
- Pockets for radio, microphone, phone, equipment, gloves etc.
- Suitable for most industry standard harness types
- Retro-reflective piping
- Available in several sizes, including custom sizes
- Choice of integrated watertight socks or boots



ITEM NO.: PS4116

### VARIANTS

- PS4190 VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE
- PS4191 VIKING YouSafe™ Hurricane+, anti-exposure suit SOLAS/CE

### RELATED PRODUCTS

- PV9341 VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE
- PV9380 VIKING YouSafe™ Vanguard, inflatable lifejackets, SOLAS/CE

## VIKING YouSafe™ Boras, Constant Wear Suit, SOLAS/CE

This suit has a U-zip solution and a buoyancy chamber directly on the front of the suit improving ergonomics and freedom of movement.

- Approved as an anti-exposure and immersion suit
- Breathable GORE-TEX® NARVIK™ with Comfortemp® quilted liner system with thermal regulating material
- Integrated buoyancy 150 N (manual inflation)
- Reinforcements on elbows, knees and seat in DuPont Kevlar™
- Fleece lined thigh pockets and a host of other pockets
- Integrated stretch panels in the lumbar area for a better fit
- Pull tabs on the arms for easy doffing
- Choice of gloves and hood, attached rubber safety boots with steel caps and steel soles
- Available in several sizes, including custom sizes
- No lifejacket required



ITEM NO.: PS4111

### VARIANTS

- PS4190 VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE
- PS4191 VIKING YouSafe™ Hurricane+, anti-exposure suit SOLAS/CE







**VIKING  
PPE**

Lif jackets



**Our comprehensive range of VIKING YouSafe™ SOLAS approved lifejackets combine performance and comfort with maximum protection.**

Choose from a variety of models, buoyancy options, inflation systems and feature combinations suitable for different applications in demanding conditions.

VIKING YouSafe™ foam lifejackets provide optimal performance in an emergency with intuitive donning and freedom of movement during extended wear. Easy repacking and storage when not in use.

VIKING lifejackets apply a modular design philosophy that includes a contemporary 'fitted' look, for the perfect balance between protection, in-demand design elements and performance enhancing features.

VIKING YouSafe™ lifejackets are made from the best materials and individually tested to the highest standards.

# VIKING YouSafe™ Lifejackets

## VIKING YouSafe™ One Inflatable Lifejacket, SOLAS

- SOLAS/MED approved
- Black cover in PU coated polyester
- Lightweight and minimalist low-profile design
- Available with 180 N and 275 N buoyancy (275 N with sprayhood)
- Ideal as an abandonment jacket
- Applicable for UK HSE applications (275N version)



ITEM NO.: PV9342

### VARIANTS

- |               |  |
|---------------|--|
| <b>PV9341</b> | VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE |
| <b>PV9522</b> | VIKING YouSafe™ Ergo, foam lifejacket                |

### RELATED PRODUCTS

- |               |   |
|---------------|---|
| <b>PS2014</b> | VIKING YouSafe™ Wave, immersion suit, SOLAS   |
| <b>PS5006</b> | VIKING YouSafe™ Breeze, immersion suit, SOLAS |
| <b>PS5019</b> | VIKING YouSafe™ Gale, immersion suit, SOLAS   |

## VIKING YouSafe™ Pro Inflatable Lifejacket, SOLAS/CE

- SOLAS/MED and CE approved
- Red/black, hi vis yellow/black coated polyester, also available with a wipe clean cover
- Options of 180 N or 275 N double chamber buoyancy, and 275N asymmetrical
- Optional sprayhood and PLB
- Option of Halkey-Roberts® or Hammar® inflation systems
- Fully compatible with VIKING anti-exposure and work suits as well as standard harness systems
- Included in the VIKING Shipowner Agreement concept



ITEM NO.: PV9341

### VARIANTS

- |               |   |
|---------------|---|
| <b>PV9342</b> | VIKING YouSafe™ One, inflatable lifejacket, SOLAS   |
| <b>PV9340</b> | VIKING YouSafe™ Elite, inflatable lifejacket, SOLAS |

### RELATED PRODUCTS

- |               |  |
|---------------|--|
| <b>PS4116</b> | VIKING YouSafe™ Cyclone, immersion/constant wear work suit, SOLAS/CE |
| <b>PS4190</b> | VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE              |





## VIKING YouSafe™ Elite, Inflatable Lifejacket, SOLAS

- SOLAS/MED approved
- Available in high-vis yellow, black polyester or high visibility yellow or black wipe clean covers
- Belt-style waist with an integrated, padded back panel and front buckle systems (with or without D-ring)
- Optional sprayhood and PLB
- Option of Halkey-Roberts® or Hammar® inflation systems
- Water activated lifejacket light
- Dual crotch strap
- Integrated neck support/comfort padding
- Fully compatible with VIKING anti-exposure and work suits
- Excellent finish and 'fitted-look'
- Options of 180N or 275N double chamber buoyancy and 275 N asymmetrical



ITEM NO.: PV9340

### VARIANTS

- PV9380** VIKING YouSafe™ Vanguard, inflatable lifejacket, SOLAS/CE
- PV9341** VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE

### RELATED PRODUCTS

- PS4116** VIKING YouSafe™ Cyclone, immersion/constant wear work suit, SOLAS/CE
- PS4190** VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE



## VIKING YouSafe™ Vanguard, SOLAS/CE.

Revolutionary design with a focus on mobility and fit. Ideal for Offshore Wind Energy and Offshore Oil & Gas.

- S- Design redistributes the weight to provide more space and mobility in the neck area
- Compatible with most industry standard harness systems
- Optional YouSafe™ Walk to Work immersion suit in a pouch that can be attached to the back of the jacket for hands-free protection
- PU coated polyester cover
- Double chamber buoyancy available in 180 N and 275 N
- Detachable crotch straps
- Inspection windows and a green like system to check for operational readiness
- Extra ID-label on cover for easy scan



ITEM NO.: PV9380

### VARIANTS

- PV9341** VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE

### RELATED PRODUCTS

- PS4190** VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE
- PS4101** VIKING YouSafe™ Walk to Work, immersion suit and pouch
- PS4116** VIKING YouSafe™ Cyclone, constant wear work suit, SOLAS/CE

## VIKING YouSafe™ Ergo, Foam Lifejacket, Adult, SOLAS/RMRS

### Extremely compact and ergonomic foam lifejacket

- SOLAS/MED and RMRS approved
- Superior ergonomics, freedom of movement and in-water performance
- Orange, high visibility orange or high visibility yellow
- Emergency light (optional), whistle, buddy line, lifting strap and retro-reflective trim
- Intuitive donning, single buckle closure system and instant adjustment strap system for one-size-fits-all capability
- Swift repacking, easy to stack and stow
- Croch strap redundant by design



ITEM NO.: PV9522



VARIANTS	
PV9518	VIKING YouSafe™ Ergo, foam lifejacket, child, SOLAS
PV9516	VIKING YouSafe™ Ergo, foam lifejacket, infant, SOLAS
RELATED PRODUCTS	
1061461	Integrated lifejacket light, water activated (W4)



## VIKING YouSafe™ Essence Foam Lifejacket, SOLAS

- Basic model
- Orange or hi-visibility yellow
- Easy repacking
- High in-water performance
- Body and head-support buoyancy panel
- Single front buckle and croch strap
- Whistle, buddy line, lifting strap and choice of emergency light
- Option for print, i.e. "name of vessel, cabin number, etc."



ITEM NO.: PV9530



VARIANTS	
PV9522	VIKING YouSafe™ Ergo, foam Lifejacket, Adult, SOLAS
RELATED PRODUCTS	
PS2014	VIKING YouSafe™ Wave, immersion suit, SOLAS
PS5006	VIKING YouSafe™ Breeze, immersion suit, SOLAS
PS5019	VIKING YouSafe™ Gale, immersion suit, SOLAS

## VIKING YouSafe™ Ergo Child, Foam Lifejacket, SOLAS/RMRS

- SOLAS/MED and RMRS approved
- Superior ergonomics, freedom of movement and in-water performance
- Orange, high visibility orange or high visibility yellow
- Emergency light (optional), whistle, buddy line, lifting strap and retro-reflective trim
- Intuitive donning, single buckle closure system and instant adjustment strap system
- Swift repacking, easy to stack and stow
- Sizes: for children weighing 15-43 kg



ITEM NO.: PV9518



VARIANTS	
PV9516	VIKING YouSafe™ Ergo, foam lifejacket for infants up to 15 kg
RELATED PRODUCTS	
106461	Integrated lifejacket light, water activated (W4)

# Additional SOLAS Lifejackets and CE Work Vests

## VIKING RescYou™ Vista

- 150 N buoyancy
- Slim, lightweight design in durable material
- Fitted with lifting becket for efficient retrieval
- Single buoyancy chamber
- Single-hand operated buckle for easy adjustment
- Fitted with crotch strap, whistle and strap for light



ITEM NO.: PV9220

### RELATED PRODUCTS

PV9210	VIKING RescYou™ Horizon, inflatable lifejacket, CE
PV9273	VIKING RescYou™ Conquest, inflatable lifejacket/work vest, CE
L000U01	VIKING RescYou™ Pro Lifteraft - 4-8 persons

## VIKING RescYou™ Horizon Inflatable Lifejacket, CE/ISO

- 275 N buoyancy
- Slim and lightweight 'Navy Seals' inspired design for comfortable all-day wear
- Fast and easy to don
- Black, red or high visibility yellow PU coated polyester cover



ITEM NO.: PV9210



### VARIANTS

PV9273	VIKING RescYou™ Conquest, inflatable lifejacket/work vest, CE
PV9274	VIKING RescYou™ Vista, inflatable lifejacket/work vest, CE

### RELATED PRODUCTS

1035411	Sprayhood (optional)
---------	----------------------

## VIKING RescYou™, Conquest Inflatable Lifejacket with Harness/Work Vest, CE

- Chamber can be automatically, manually or orally inflated
- Fitted with lifting becket, deck safety harness, whistle, strap for light and toggles for attachment
- Easy donning and doffing with front buckle closing system
- Available in black and red
- CE approved



ITEM NO.: PV9273

CE marked according to EN ISO 12402-3/12402-6 EN ISO 12401



### VARIANTS

PV9274	VIKING RescYou™ Legacy, inflatable work vest, CE
PV9210	VIKING RescYou™ Horizon, inflatable lifejacket, CE

### RELATED PRODUCTS

1061461	Integrated lifejacket light, water activated (W4)
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## VIKING RescYou™ Life, Work Lifejacket, 100N, CE

- Basic CE marked foam lifejacket, 100N
- Orange or high visibility yellow PU cover in coated polyester
- Padded collar for added comfort and neck support
- Adjustable waist-belt and tie cords at neck and hem
- Integrated crotch strap
- Lightweight with good ergonomic performance
- Sizes: 10-20 kg, 20-30 kg, 30-40 kg, 40-60 kg, 60-70 kg, 70-90 kg, 90+ kg



ITEM NO.: PV9535



### RELATED PRODUCTS

PV9530	VIKING YouSafe™ Essence, Lifejacket, SOLAS
PV9522	VIKING YouSafe™ Ergo, Lifejacket, Adult, SOLAS
PV9518	VIKING YouSafe™ Ergo, Lifejacket, Child, SOLAS
PV9516	VIKING YouSafe™ Ergo, Lifejacket, Infant, SOLAS





**VIKING**  
**ADDITIONAL LSA**

## Product packages and turnkey solutions

VIKING supplies lifebuoys and related equipment, including lights, brackets, release units, line throwing devices and line, according to SOLAS regulations for life-saving appliances.

# Lifebuoys & Line Throwing Devices

## Lifebuoy Package, 2.5 kg



### PRODUCTS

<b>1061080</b>	Lifebuoy 2.5 kg CAN-SB
<b>1022625</b>	Lifebuoy bracket Y-style, 75 cm SS316
<b>1056398</b>	Lifebuoy light, L170 commercial, MED/SOL
<b>1084610</b>	Floating line for lifebuoy 30 m

## Lifebuoy Package, 4.0 kg



### PRODUCTS

<b>1069071</b>	Lifebuoy 4.0 kg CAN-SB
<b>1038349</b>	Quick release for MOB system, stainless steel
<b>1008636</b>	Light and smoke signal (MOB) with bracket (Comet)
<b>1037568</b>	Lifebuoy, remote release system HM-600

### Lifebuoy, 2.5 kg CAN-SB

- Outer diameter: 75 cm
- With reflective tape and grap line
- Optional: marking with vessel name and home port



ITEM NO.: 1061080



#### VARIANTS

- |         |   |
|---------|---|
| 1147327 | Lifebuoy, 2.5 kg. Huayan, with RMRS     |
| 1043195 | Lifebuoy, 2.5 kg. Datrex, USCG approved |

#### RELATED PRODUCTS

- |         |   |
|---------|---|
| 1084610 | Floating line for lifebuoy, 30 m                  |
| 1069043 | Lifebuoy in plastic tube, 30 m, SOLAS approved    |
| 1056398 | Lifebuoy light, L170 commercial, MED/SOL          |
| 1008636 | Light and smoke signal (MOB) with bracket (Comet) |
| 1038349 | Quick release for lifebuoys, stainless steel      |
| 1037568 | Lifebuoy, remote release system HM-600            |

### Lifebuoy, 4.0 kg CAN-SB

- Outer diameter: 75 cm
- With reflective tape and grap line
- Optional: marking with vessel name and home port



ITEM NO.: 1069071



#### VARIANTS

- |         |                                     |
|---------|-------------------------------------|
| 1147326 | Lifebuoy, 4.3 kg. Huayan, with RMRS |
| 1043196 | Lifebuoy, 4.0 kg. Datrex, USCG      |

#### RELATED PRODUCTS

- |         |   |
|---------|---|
| 1084610 | Floating line for lifebuoy, 30 m                  |
| 1069043 | Lifebuoy in plastic tube, 30 m, SOLAS approved    |
| 1056398 | Lifebuoy light, L170 commercial, MED/SOL          |
| 1008636 | Light and smoke signal (MOB) with bracket (Comet) |
| 1038349 | Quick release for lifebuoys, stainless steel      |
| 1037568 | Lifebuoy, remote release system HM-600            |

### Quick Release for MOB System

- Stainless steel
- Quick release case

ITEM NO.: 1038349



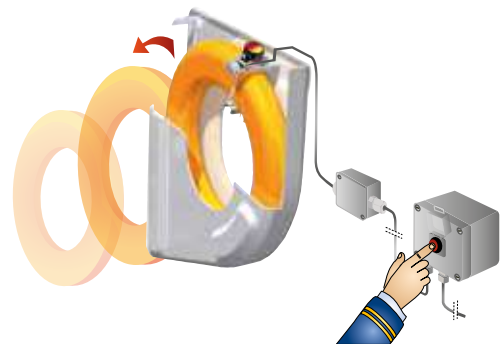
#### VARIANTS

- |         |                                    |
|---------|------------------------------------|
| 1043428 | Quick release, material GRP        |
| 1043429 | Mounting set for GRP quick release |

### Lifebuoy Remote Release System

- Safe and fast operation
- Electric activation from the bridge
- One complete package
- Easy and quick installation
- Economical solution
- Weight: 18 kg
- Dimensions GRP holder: H 95.8 x W 78 x D 19 cm

ITEM NO.: 1037568



#### RELATED PRODUCTS

- |         |  |
|---------|--|
| 1038969 | Replacement kit lifebuoy system, HM-0630 |
| 1023245 | Replacement kit lifebuoy system, HM-0406 |

# NEW!

The SOLAS-approved line thrower that changes absolutely everything



## Line throwers made easy

### Introducing the PLT® Solas Pneumatic Line Thrower

Classified as dangerous goods, pyrotechnics and costly traditional line throwers are notoriously difficult to transport and handle.

Now there's a new option: The PLT® SOLAS pneumatic line thrower – and it's about to revolutionize the industry.

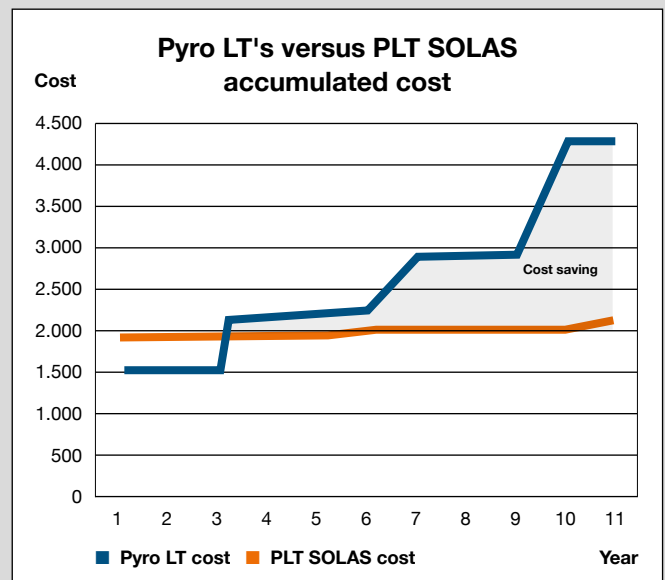
Another innovation by the inventor of the Pneumatic Line Thrower (PLT®), RESTECH NORWAY, the PLT® SOLAS isn't classified as dangerous goods. It's clearly better, yet takes up no more space than dangerous goods products.

What's more, it can be shipped by any means of transportation and has the same approximate life expectancy as a newly built vessel.

Increase your safety and operational efficiency today – put PLT® SOLAS line throwers on your priority list.

### Instant advantages

- Launches up to 250 meters
- IMO SOLAS 74/96 compliant
- MED B and Type A approved by DNV GL
- Comes with one Launching Unit, one Launching Tube and 4 SOLAS projectiles
- Simple to operate and requires little training
- Can be refilled on board with 200/300 bar compressor
- Air cylinder lasts 6 years on each fill





**Replace your pyrotechnics**  
- reduce costs and hassles

### Pneumatic Line Thrower PLT® Solas

- Non-dangerous goods line thrower with MED approval
- No expiry date – same lifetime as the vessel
- Includes 4 projectiles with a 250 meter line
- Can be refilled on board with a standard 200 or 300 bar compressor

ITEM NO.: 1071848



**RELATED PRODUCTS**

1074362 Spare projectile for PLT® Solas



### PLT® Multi, air driven multi-purpose line throwers

- Configurable to meet the exact need of operation
- Compatible with 4 different launching tubes and 11 projectiles
- All variants consist of a PLT Launching Unit
- Operates on 200 bar or 300 bar
- Reusable and can be used immediately after air refill
- No expiry date
- Not classified as dangerous goods



**VARIANTS**

1020222	PLT® Rescue 230 (SOLAS/MED/USCG)
1059923	PLT® Rescue 230 Basic (SOLAS/MED/USCG)
1029676	PLT® 150
1038608	PLT® 75

### Pneumatic Line Thrower PLT® Mini

- Lightweight shoulder-launched line thrower
- Operates 2 projectiles with an internal line, distance up to 100 meters
- Delivered with Mini-Rescue and Mini-Rubber projectiles
- Ideal for ship-to-ship operations, as well as mooring and towing operations
- 9 different projectiles can be used
- CO<sub>2</sub> cylinders included

ITEM NO.: 1022278



**VARIANTS**

1057956 PLT® Mini without cylinders



# Lights and Signals

## Lifejacket Light Daniamant W4-A

- Water and manually activated
- Uses Alkaline batteries
- Can be used in both recessed and clip to strap

**ITEM NO.: 1061461**

Approved according to USCG



### VARIANTS

**1067446** Lifejacket light, Danimant M4-A (manually activated)

### RELATED PRODUCTS

**1070497** Clips for lifejacket light Daniamant W4/M4 (1061461)

## Lifejacket Light L6A-Ex

- Lightweight, compact and robust flashing light with mounting clip
- Manually activated

**ITEM NO.: 1065044**

Approved according to SOLAS/MED, USCG and ATEX

Intrinsically safe



## Handlamp Wolf lite

- Wolf Lite model number H-4DCA
- Ingress protection to IP66
- Uses 4 x R20 batteries (not included)
- Weight: 1.45 kg (incl. batteries)

ITEM NO.: 1022891

ATEX approved for use in hazardous locations zone 1 & 2



ALTERNATIVES	
1052669	HE 9 basic led handlamp
RELATED PRODUCTS	
1004258	Battery type D (R20)

## Torch light Peli 3315

- Peli model number 3315Z0 LED
- Ingress protection IP67
- Uses 3 x AA batteries (included)
- Weight: 176 gr (incl. batteries)

ITEM NO.: 1058219

ATEX approved for use in hazardous locations zone 0



ALTERNATIVES	
1045900	Torch light Bright Star 2217 LED
1133744	Torch light Peli 3315RZ1 - rechargeable
RELATED PRODUCTS	
1004258	Battery type D (R20)
1002369	Battery type AA (LR6)

## Angled Torch light Peli Little Ed

- Peli model number 3610Z0
- Ingress protection IPX7
- Uses 4 x AA batteries (not included)
- Weight: 298 gr (incl. batteries)

ITEM NO.: 1039701

ATEX approved for use in hazardous locations zone 0



ALTERNATIVES	
1054260	Angled Torch light Peli 3715Z0
RELATED PRODUCTS	
1002369	Battery type AA (LR6)

## Headlamp Wolf

- Wolf model number HT-650 LED
- Ingress protection IP66
- Uses 3 x AA batteries (not included)
- Weight: 180 gr (incl. batteries)

ITEM NO.: 1054762

ATEX approved for use in hazardous locations zone 0, 1 & 2



ALTERNATIVES	
1097642	Headlamp Peli 2755Z0
RELATED PRODUCTS	
1002369	Battery type AA (LR6)



## Lifebuoy Light Daniamant L170

- Small and compact lifebuoy light
- LED technology for enhancing reliability
- Drop height of 76 m

ITEM NO.: 1056398

MED/SOLAS approved



### RELATED PRODUCTS

**1056399** Adaptor plate for Lifebuoy light L 170

## Lifebuoy Light Daniamant L90

- Robust and reliable lifebuoy light
- Drop height of 60 m

ITEM NO.: 1001213



### RELATED PRODUCTS

**1004258** Batteries for lifebuoy light L90

**1003219** Bulb for lifebuoy light L90

**1037632** Dome for lifebuoy light L90

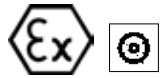
**1048302** Sealing ring for lifebuoy light L90

## Explosion Proof Lifebuoy Light Daniamant, L161

- Intrinsically safe lifebuoy light for use in explosive environments
- Drop height of 76 m
- Five year storage life without maintenance

ITEM NO.: 1036721

MED, SOLAS, USCG, ATEX, IECEx and ETL approvals



### VARIANTS

**1036947** Lifebuoy light L163, approved according to MED, ATEX, IECEx, USCG and ETL listed

**1036945** Lifebuoy light L160

**1036722** Lifebuoy light L162

### RELATED PRODUCTS

**1040741** Adaptor plate for lifebuoy light, L16x

## Lifebuoy Light Daniamant L160

- LED technology for enhancing reliability
- Drop height of 76 m
- 5 year life
- Compact size.

ITEM NO.:1036945





# Pyrotechnics

Due to the serious nature of pyrotechnic products, VIKING supplies exclusively recognized brands known for their reliability.

## Single Shot Line-throwing Device

- 1 rocket
- 1 line
- Throwing range: 250 m
- Manufacturer: Comet

ITEM NO.: 1031187



### VARIANTS

1071848 Pneumatic Line Thrower PLT® SOLAS

### RELATED PRODUCTS

1002371 Replacement rocket for line-throwing device

1010635 Line-throwing device without rocket, Comet

## Distress Signals

- Parachute rocket signal
- Smoke signal
- Handflare



### VARIANTS

1000320 Hand-flare

1000321 Parachute rocket signal

1000323 Smoke signal

## Light Smoke Signal (MOB)

- Used with lifebuoys in MOB situations
- Includes lithium battery
- Burn time: 2 hours
- Light intensity: 2 candela
- Incl. mounting bracket
- Manufacturer: Comet

ITEM NO.: 1008636



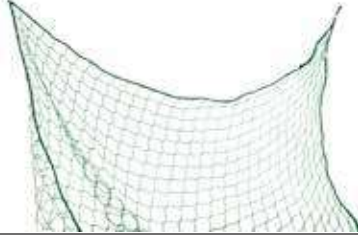




# Transfer, Descent and Recovery

## Gangway Net - Green

- Material: Polypropylene
- Rim rope: diameter 12 mm
- Rope: diameter 4.5 mm
- Mesh: 100 mm
- Available in various sizes



### VARIANTS

- |                |                                  |
|----------------|----------------------------------|
| <b>1046015</b> | Gangway net 300 x 600 cm, green  |
| <b>1046029</b> | Gangway net 600 x 1200 cm, green |

## Emergency Ladder

- MCA approved
- Lightweight
- Portable
- Can be loaded in either direction
- No annual servicing required
- 3 years manufacturers warranty
- Tested and approved for use in Arctic conditions of up to -68 Degrees Celsius (°C)



## Embarkation Ladder

- Aluminium clamps, polyamid wedges and reinforced wooden steps
- Available in various lengths

Approved according to MED



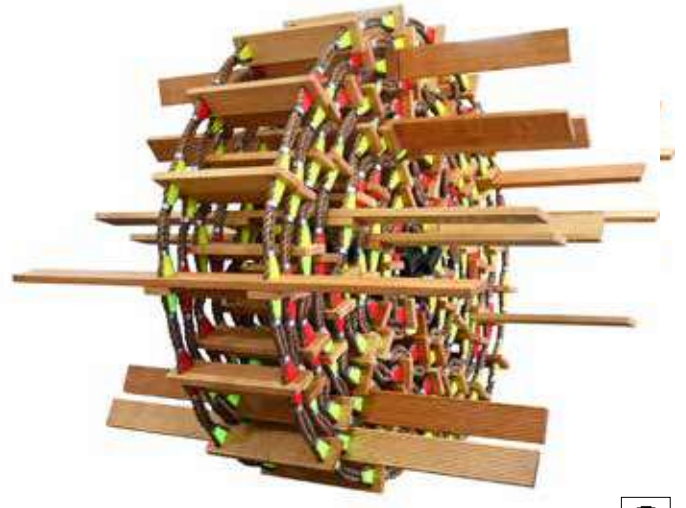
### VARIANTS

- |                |                              |
|----------------|------------------------------|
| <b>1132929</b> | Embarkation Ladder, 3 meter  |
| <b>1112439</b> | Embarkation Ladder, 5 meter  |
| <b>1112440</b> | Embarkation Ladder, 7 meter  |
| <b>1095941</b> | Embarkation Ladder, 10 meter |
| <b>1112445</b> | Embarkation Ladder, 17 meter |
| <b>1095943</b> | Embarkation Ladder, 20 meter |
| <b>1095790</b> | Embarkation Ladder, 22 meter |

## Pilot Ladder

- Wooden steps, rubber steps and spreaders
- Available in various lengths

Approved according to MED



### VARIANTS

- |                |                        |
|----------------|------------------------|
| <b>1112449</b> | Pilot Ladder, 3 meter  |
| <b>1095839</b> | Pilot Ladder, 5 meter  |
| <b>1095793</b> | Pilot Ladder, 7 meter  |
| <b>1112451</b> | Pilot Ladder, 9 meter  |
| <b>1095944</b> | Pilot Ladder, 12 meter |
| <b>1095794</b> | Pilot Ladder, 16 meter |
| <b>1095795</b> | Pilot Ladder, 20 meter |



## Dacon Rescue Frame

- Manual recovery system for FRC and smaller craft
- 5 year warranty
- No mandatory service intervals
- Compact storage in PVC cover
- Contains two rescue frames

### VARIANTS

**1065717** *Almost any dimension available, please contact us for a model that suits your needs*



## Man-over-board recovery systems FOR ERRV, OFFSHORE WIND AND SAR VESSELS



### Dacon Rescue Scoop

- Power-assisted method of recovering able or disabled persons from the sea
- Standard equipment on most Standby vessels in the North Sea and North Atlantic
- Provides a means of recovery in rough weather with limited risk for the crew



### Dacon Scrambling Nets

- Rigid, non-slip climbing aid that allows able persons to board quickly from the sea or FRC
- Optional fold-over installation frames suspend the nets 250 mm from the ship side to meet UKOOA requirements
- Hauling lines for assisted recovery of exhausted survivors unable to scramble to safety



### Dacon Rescue Basket

- Efficient equipment in situations with multiple persons in distress
- Easy "float in" entry into the basket
- Heavy duty materials for long service life
- Satisfies class & flag state requirements for "temporary refuge in the sea"

### DACON AS, NORWAY

■ [www.dacon.no](http://www.dacon.no) ■ [rescue@dacon.no](mailto:rescue@dacon.no) ■ Tel.: +47 2106 3510

# New SOLAS regulation

## Recovery of persons from the water SOLAS Chap. III Regulation 17-1

According to the new regulation, all vessels are required to have plans and procedures for recovery of persons from the water describing the equipment the vessel will use.

VIKING can help you find the most suitable solution for your vessel.

## Markusnet

- MOB recovery system for 10 m freeboard

ITEM NO.: 1008077



### VARIANTS

- |         |                              |
|---------|------------------------------|
| 1008078 | Markusnet for 20 m freeboard |
| 1030881 | Markusnet for 30 m freeboard |

## Descent Device for Marine

- Donut M 46 m tape - 150N/LES
- For use with a liferaft on commercial vessels
- Direct boarding down to a liferaft
- Last means of escape

ITEM NO.: 1035294



## Jason's Cradle

- World renowned recovery system
- Simply to affix to deck or rail for quick deployment
- Made from high tensile plastic, polyethylene and stainless steel
- Suitable for most vessels up to 4.5 m freeboard
- Available in various length and widths



### VARIANTS

- |         |  |
|---------|--|
| 1043135 | Jason's Cradle, L 229 x W 71 cm – 1 m freeboard        |
| 1043137 | Jason's Cradle, L 286 x W 71 cm – 1 to 1.5 m freeboard |
| 1043138 | Jason's Cradle, L 343 x W 71 cm – 1.5 to 2 m freeboard |
| 1006020 | Jason's Cradle, L 400 x W 71 cm – 2 to 2.5 m freeboard |



**NEW REGULATION:  
THE POLAR CODE**



# Safety and the Polar Code

With the introduction of the Polar Code on 1 January 2017, the IMO has stepped up global efforts to safeguard the increasing number of seafarers and passengers navigating Polar waters, along with the pristine environment in which they operate.

As a global leader in maritime safety, VIKING is dedicated to raise the transparency of the Code, making it as easy and simple as possible for everyone to remain safe and compliant.



PHOTO COURTESY OF ROYAL ARCTIC LINE

## A pedigree of Polar safety

VIKING has decades of experience when it comes to Polar safety. Working with special forces, navies and SAR services, as well as arctic shipping companies and expedition cruise lines, we know what it takes to specify efficient safety solutions for Polar applications.

We were first to develop special Polar liferafts operational down to  $-50^{\circ}\text{C}$ , while our Polar immersion suits are tested down to  $-60^{\circ}\text{C}$ .

Both solutions are widely in use with operators navigating cold and icy waters today. Also, we have developed special winterized marine and offshore evacuation systems and with an exhaustive portfolio of life-saving appliances, we can always put together a complete safety package, including personal and

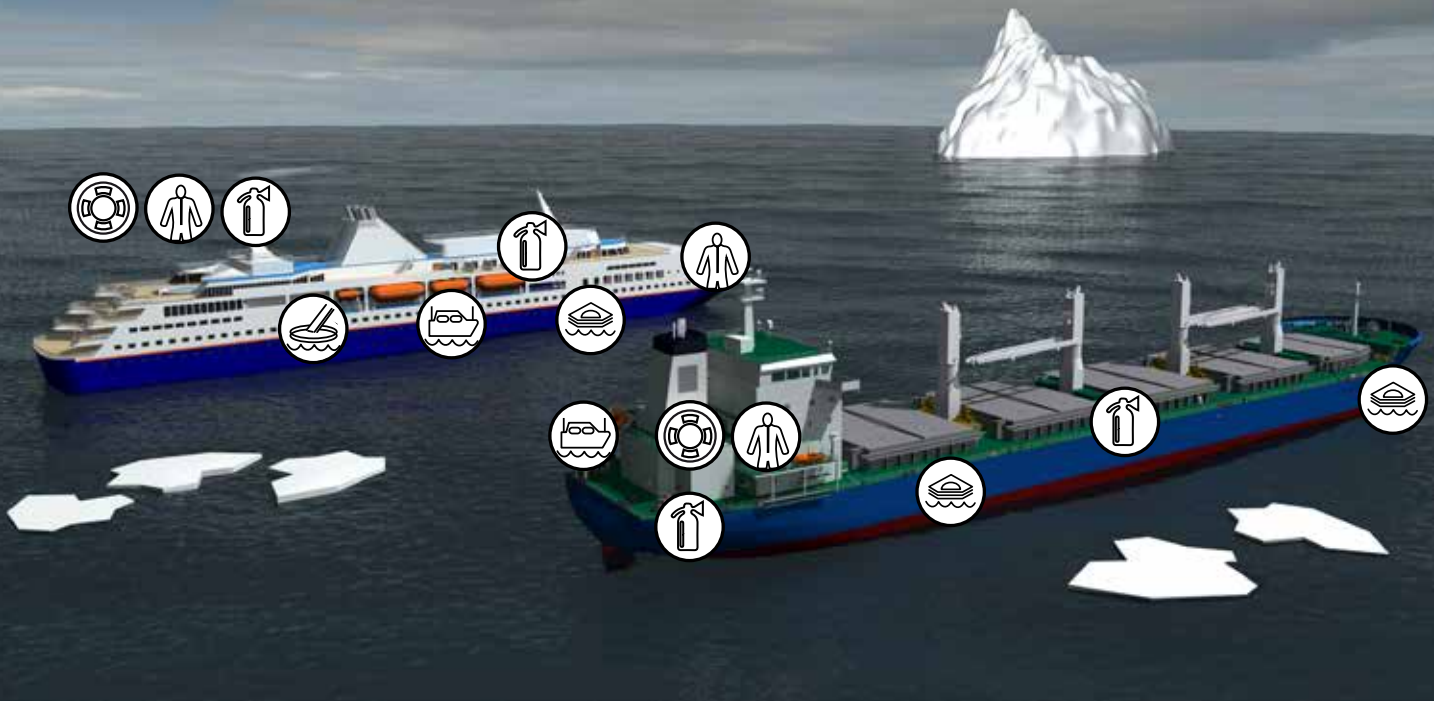
group survival kits according to the goal-based recommendations of the Polar Code.

### SARex tested

VIKING has actively contributed and participated in all of the SARex expeditions arranged by the Norwegian Maritime Authority, revealing potential gaps between existing safety equipment and the demands of the Polar Code.

Here, our equipment was put through extensive and realistic full-scale tests, building on our unique insight for understanding Polar risks and how best to mitigate them through equipment performance.





# Specifying life-saving solutions under the Polar Code



## Liferafts, lifeboats and MES

The Code only permits the use of partially or totally enclosed survival craft.

### VIKING solutions:

VIKING offers a full range of survival craft for Polar applications. We were the first to offer dedicated Polar liferafts operational down to minus 50 degrees celcius.

While not addressed individually by the Polar Code, Marine Evacuation Systems (MES) must be operable at the PST, be protected from ice and use enclosed survival craft. VIKING has long supplied MES solutions for vessels and offshore installations in Polar regions, hereunder several operating under demanding Russian regulations for winterization.



## Marine fire equipment

All equipment relevant to firefighting must remain accessible and operable at all times. It should not be incapacitated by cold temperatures or obstructed by ice and snow.

### VIKING solutions:

VIKING supplies a complete range of marine firefighting equipment along with storage solutions for mitigating ice related risks.



## Protective clothing

The Polar Code states that adequate thermal clothing must be provided for all persons on board. Additionally, an immersion suit (VIKING recommends) or thermal protective aid must be provided.

### VIKING solutions:

VIKING has the most extensive range of SOLAS approved immersion and anti-exposure suits in the industry. Our VIKING YouSafe™ Blizzard Polar immersion suit is widely used by cold-water shipping operators today.

Design features such as detachable gloves, easy donning and integrated buoyancy make these suits an excellent choice from both a safety, comfort and storage space perspective.



## Survival kits and life-saving appliances

To support the requirement for minimum 5 days survival upon escape and evacuation, the Polar Code mandates the carriage of group (GSK) and personal (PSK) survival kits based on the number of people on board.

### VIKING solutions:

VIKING offers an exhaustive range of life-saving appliances. PSK and GSK packages can be specified in accordance with code and client requirements. Like our liferafts, lifeboats and PPE, VIKING PSK and GSK solutions are field tested at the SARex expeditions.





## Polar Lifaft

- Fully functional at temperatures as low as -50°C
- Efficient heating system ensures that the liferaft inflates despite extreme temperatures
- IP68 certified for blast proof areas



ITEM NO.: L025D0014AC5

Recommended for Polar applications.  
Approved according to Russian winterization guidelines.  
Certified by DNV, USCG, TC Canada, ATEX and RMRS.

### VARIANTS

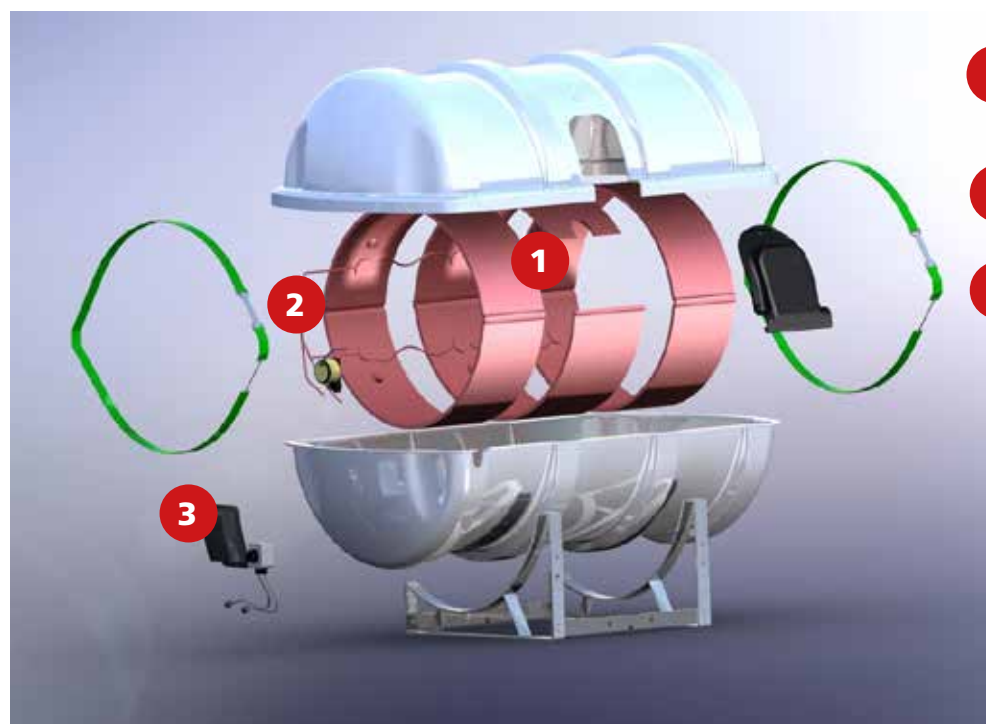
- Throw-overboard liferaft, Polar, 6, 8, 10, 12, 16, 20, 25, 35 persons
- Davit davit-launched liferaft, Polar, 16, 20, 25, 35 persons

### RELATED PRODUCTS

A Polar liferaft package typically consists of liferafts along with specially selected cradles, relays, cables and boxes suited for polar conditions.

- |                |  |
|----------------|--|
| <b>1056143</b> | Control box supply for up to 2 adjacent containers |
| <b>1056183</b> | Control box supply for up to 3 adjacent containers |
| <b>1042425</b> | Hammar® HRU, heated                                |

## Special Heated Container



- 1** Built-in silicone rubber heating mats inside the container prevent over-icing.
- 2** Heated hydrostatic release unit.
- 3** The exterior supply box can heat up to three containers simultaneously. Its built-in short circuit protection and power indicator provide total reliability.

When the ambient temperature rises above approx. 5°C, the heater automatically deactivates.

VIKING Polar Lifafts hold the following patents:  
DK Patent No. 176716B1  
CN Patent No. 101795934B  
Patent Pending EP

## Heated Cabinets

- VIKING supplies a full range of heated cabinets
- Protected heater box keeps suits, lifejackets, firefighting equipment, LSA etc. from freezing or accumulating ice
- Various sizes and wattages is available
- ATEX approved versions



Wide range of marine fire extinguishers, hoses, nozzles and accessories

## Helilift Marin Hypothermia Stretcher

- Floating version with buoyancy device and weights
- Hypothermia blanket set
- Easy to manoeuvre through narrow corridors and emergency exits
- Temperature limits -40°C to +70°C



ITEM NO.: 1035507



## VIKING YouSafe™ Arctic Lifejacket, SOLAS/NMD

- Intuitive donning with pre-printed instructions
- 140N lifejacket with integrated neoprene torso
- Snug fit with thermal capabilities, one size fits all
- Emergency light, whistle, buddy line and lifting becket
- Optional print and emergency light



ITEM NO.: PV9720



### RELATED PRODUCTS

PS5002 VIKING YouSafe™ Blizzard, immersion suit, SOLAS



Ideal for  
Polar Code  
applications

Approved  
for use  
without a  
lifejacket

## VIKING YouSafe™ Blizzard Immersion Suit, SOLAS/TC/RMRS

Premium 'Polar Code ready' immersion suit based on a multi-layer system with double thermal insulation for protection in the harshest conditions. Built-in buoyancy eliminates the need for a lifejacket, provides superior freeboard and enables quick donning in an emergency.

- SOLAS/MED approved multi-layer system (6 hours)
- Built-in buoyancy foam (no lifejacket required)
- Extra thermal insulating liner
- Interior braces for adjustable sizing
- Detachable gloves for easy donning
- Lifting becket, buddy line and emergency light
- Airtight packing optional
- Weight 5 kg
- Dimensions: H 67 x W 50 x D 24 cm (packed)
- Tested to perform under Polar conditions, down to -62° C, most recently during the series of SAREx expeditions in Svalbard
- Sizes: Small 140-175 cm  
Universal 140-200 cm  
Oversize 190-210 cm

ITEM NO.: PS5002



### VARIANTS

PS5019	VIKING YouSafe™ Gale, immersion suit, SOLAS
PS5006	VIKING YouSafe™ Breeze, immersion suit, SOLAS

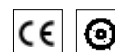


Breathable  
GORE-TEX®  
PAZIFIK™

## VIKING YouSafe™ Hurricane Anti-exposure Suit, SOLAS/CE

- Ideal for MOB/FRB crew and operations in cold and warm climates
- Choice of 1 or 6 hour zip-in thermal liner systems with integrated buoyancy foam
- Lifting becket, buddy line, light and whistle
- Host of design extras, i.e. print on back, embroidered patches etc.
- Specially designed to comply with the latest SOLAS requirements and maximal protection against hypothermia and cold shock

ITEM NO.: PS4190



### VARIANTS

PS4191	VIKING YouSafe™ Hurricane+, anti-exposure suit with built-in buoyancy, SOLAS/CE
--------	---

### RELATED PRODUCTS

PV9341	VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE
PV9340	VIKING YouSafe™ Elite, inflatable lifejacket, SOLAS
PV9380	VIKING YouSafe™ Vanguard, inflatable lifejacket, SOLAS/CE



# Polar Survival Kits

**VIKING** has optimized the contents of the standard personal (PSK) and group (GSK) Polar Survival Kits based on a combination of experience from SARex expeditions and customer feedback from Polar applications.



**VIKING Personal Survival Kit (PSK) - Winter**  
ITEM NO. 1075974

List of Contents	Quantity
Thermal Merino Long Johns (VP)	1
Thermal Merino Base Layer (VP)	1
Thermal Coverall Winter (VP)	1
Extreme Thermal Merino Socks (VP)	1
Head and Neck - Merino Headover (VP)	1
Thermal Merino Gloves (VP)	1
Extreme Polar Mittens (VP)	1
Polar Winter Boots	1
Skin Protection - Sun Cream (50 SPF)	1
Thermal Protective Aid - TPA	1
Polarised Sunglasses	1
SOLAS Whistle	1
Drinking Mug - Green Cup	1
Multitool	1
Polar Survival Guide	1
Emergency Food	1
Carrying Bag	1

## Packing

- Clothing is vacuum packed to minimize volume
- Packed in specially designed floatable carrying bag with watertight zipper and shoulder straps
- Dimensions: Approx. 50 x 38 x 24 cm
- Weight: Approx. 5.83 kg

Considering the goal based nature of the Polar Code, our new summer and winter edition survival kits take into consideration the varying demands of the different seasons, temperatures and general climatic condition under which different vessels may operate.

While our standard survival kits will cover the needs of most Polar operators, customized solutions remain available upon request.



**VIKING Group Survival Kit (GSK) - Winter**  
ITEM NO. 1075976

List of Contents	Quantity
EIRA 6000 Tent	1
Thermal Protective Aid - TPA	6
Sleeping Bag - Winter down to minus -35	3
Self-Inflating Sleeping Mat	3
Snow Shovel - Aluminium	2
Toilet Paper	6
Hand Sanitizer - 50 ml	2
Cooking System -Fyrestorm c/w Pan	1
Bio Fuel, 1 L	2
Emergency Food	18
SOLAS FFLAM Torch	1
Water/Windproof Matches	2
SOLAS Whistle	1
Signalling Mirror	1
Water Container Bladder, 1.5 L	2
Water Purification Tablets	2
Spare Personal Survival Kit - Winter	1
Group Survival Kit Bag	1

## Packing

- Packed in specially designed, floatable carrying bag with watertight zipper and shoulder straps for easy dragging over ice

### Content packed in two individual bags:

- Dimensions: 105 x 70 x 50 cm
- Weight: Approx. 38.5 kg



**VIKING Personal Survival Kit (PSK) - Summer**  
**ITEM NO. 1075958**

**VIKING Group Survival Kit (GSK) - Summer**  
**ITEM NO. 1075975**

List of Contents	Quantity
Thermal Coverall Summer (VP)	1
Thermal Merino Gloves (VP)	1
Merino Socks (VP)	1
Head and Neck - Thermal Headover (VP)	1
Polar Mittens (VP)	1
Polar Fur Boots	1
Skin Protection - Sun Cream (50 SPF)	1
Thermal Protective Aid - TPA	1
Polarised Sunglasses	1
SOLAS Whistle	1
Drinking Mug - Green Cup	1
Mini Knife	1
Polar Survival Guide	1
Emergency Food	1
Carrying Bag	1

List of Contents	Quantity
EIRA 6000 Tent	
TPA - Thermal Protective Aid	6
Sleeping Bag - down to -24 degrees	1
Reflective Sleeping Mat	6
Snow Shovel - Plastic	3
Toilet Paper	3
Hand Sanitizer - 50 ml	2
Folding Cooker + 2 Mess Tins	6
Eco Fuel Tablets (18)	2
Emergency Food	1
SOLAS FFLAM Torch	1
Water/Windproof Matches	18
SOLAS Whistle	1
Signalling Mirror	2
Water Container Bladder, 1,5 L	1
Water Purification Tablets	1
VIKING Spare Personal Summer Survival Kit	2

**Packing**

- Clothing is vacuum packed to minimize volume
- Packed in specially designed floatable carrying bag with watertight zipper and shoulder straps
- Dimensions: Approx. 48 x 38 x 20 cm
- Weight: Approx. 5.70 kg

**Packing**

- Packed in specially designed, floatable carrying bag with watertight zipper and shoulder straps for easy dragging over ice

**Content packed in two individual bags:**

- Dimensions: 105 x 70 x 45 cm
- Weight: Approx. 36 kg



**VIKING  
MARINE FIRE**



# Marine Fire Safety Equipment

**VIKING supplies complete packages of approved fire suits and on board fire safety equipment according to the latest regulations.**

VIKING manufactures fire suits from top of the line combined immersion and fire suits, to traditional fire suits according to both EN469 and NFPA standards.

## VIKING YouSafe™ Fire Ship Package

- SOLAS/MED approved firefighting outfit with the basic equipment
- YouSafe™ Fire (PS6573), SOLAS fire suit with an Aramid outer shell
- Includes gloves, PAB® helmet and Harvik boots

**ITEM NO.: PS3789**



## VIKING YouSafe™ Fire Ship Package+

- SOLAS/MED approved firefighting outfit with the essential equipment
- YouSafe™ Inferno (PS6598), insulates for extra protection against radiant heat
- Includes gloves, VIKING Firefighter hood (PS3843), PAB Fire Helmet and Harvik boots

**ITEM NO.: PS3784**





# Marine firefighter package

## VIKING YouSafe™ Inferno

There are specific SOLAS/MED requirements for marine fire-fighting as well as flag state approval requirements. VIKING can supply a full package of approved products as needed for your fleet.

**COMPLIES WITH  
IMO REGULATION  
SOLAS II-2/10**



**Firefighter hood**  
Item No.: PS384367  
See page 86



**UHF Handheld Radio**  
Item No.: 1065133  
See page 127



**Torch light**  
Item No.: 1058219  
See page 67



**Compressor**  
Item No.: 1045777  
See page 111

**Fire proof safetyline**  
Item No.: 1042277  
See page 86



**Firefighter helmet**  
item no.: 1142682  
See page 87

**Self-contained breathing apparatus (Incl. cylinder)**  
Item No.: 1056036  
See page 110

**Spare cylinder for SCBA**  
Item No.: 1045656  
See page 111

**VIKING YouSafe™ Inferno**  
Item No.: PS6598  
See page 85

**Fireman waistbelt**  
Item No.: 1043103  
See page 87

**Pouch for firefighter axe**  
Item No.: 1020780  
See page 83

**Firefighter gloves**  
Item No.: 10797xx  
See page 86

**Short firefighter axe**  
Item No.: 1083770  
See page 87

**Long handled firefighter axe**  
Item No.: 1112739  
See page 87

**Firefighter boots**  
Item No.: S-5260360xx  
See page 86



# VIKING YouSafe™ Marine Fire Suits

## VIKING YouSafe™ Fire Marine Fire Suit

- Aramid multi-layer fire suit
- Approved for structural firefighting
- Quality fire suit with insulation for extra protection against radiant heat
- Complete outfit with two piece fire suit, gloves, helmet and boots
- Sizes: S, M, L, XL, XXL, XXXL
- Weight: 4.0 kg
- Dimensions: H 55 x W 46 x D 23 cm (packed)



ITEM NO.: PS6573

CE approved according to EN469/2005 and 96/98/EC SOLAS



VARIANTS	
PS3789	VIKING YouSafe™ Fire, marine fire package
RELATED PRODUCTS	
1054203	Visor for firefighter helmet
1024862	Neck protection for firefighter helmet 1065914

## VIKING YouSafe™ Blaze Marine Fire Suit

- Extremely lightweight and breathable fire suit according to EN469 Level 2
- Nomex® III outer shell
- Available in orange and navy blue
- Triple reflective tape package
- Sizes: S, M, L, XL, XXL, XXXL
- Weight: 2.23 kg
- Dimensions: H 50 x W 43 x D 4 cm (packed)



ITEM NO.: PS6581

CE approved according to EN469/2005 and 96/98/EC SOLAS



VARIANTS	
PS659810	VIKING YouSafe™ Inferno
RELATED PRODUCTS	
S-5260360xx	Firefighter boots
10797xx	Firefighter gloves



## VIKING YouSafe™ Inferno Marine Fire Suit

- Two piece Nomex® fire suit
- Quality fire suit with insulation for extra protection against radiant heat
- High performing towards EN469 level 2
- Good comfort for extended wear
- Approved for structural firefighting
- Reflective trim, removable knee pads, radio and box pockets
- Sizes: S, M, L, XL, XXL, XXXL

**ITEM NO.: PS6598**

CE approved according to  
EN469/2005 and 96/98EC SOLAS



### VARIANTS

**PS6573** VIKING YouSafe™ Fire, Marine Fire Suit

### RELATED PRODUCTS

**S-5260360xx** Firefighter boots in several sizes

**10797xx** Firefighter gloves in several sizes

## VIKING YouSafe™ Ignite

- Lightweight and flexible fire suit with thermal protection exceeding new NFPA 1971-2013 standards
- Available in Ikena IQ, Nomex®, Advance® or PBI® Matrix fabrics
- Durable quality with raglan sleeves for exceptional comfort and freedom of movement
- Extra thermal liner in shoulders to protect against compression burns
- Reflective trim, radio pocket and microphone loop
- Double stitching in all seams, heavy duty VELCRO® in closures
- Sizes: S, M, L, XL, XXL, XXXL
- Pants : Weight: 2 kg  
Dimensions: H 40 x W 37 x D 17 cm
- Jacket: Weight: 3 kg  
Dimensions: H 41 x W 46 x D 11 cm (packed)

**ITEM NO.: PS1126 (JACKET), PS1160 (PANTS)**

NFPA approved according to NFPA 1971 – 2013 edition.  
Accepted by USCG.



### VARIANTS

**PS1162/PS1122** Lightweight NFPA fire suit with sewn in liner system





# Firefighter Accessories

## Firefighter Gloves

- Black leather gloves
- Waterproof and fire resistant
- Sizes: 7-12
- Weight: 362 g
- Dimensions: H 18.6 x W 32.7 x D 5.8 cm (packed size 7)

**ITEM NO.: 10797XX**

CE approved according to EN659 and 96/98/EC SOLAS



### VARIANTS

**1027424** Shelby NFPA gloves, model 5228

## Firefighter Hood

- 2 layer in DuPont™ Nomex® viscose
- Color: grey
- One size

**ITEM NO.: PS384367**

Approved according to EN13911



### RELATED PRODUCTS

**1065914** Firefighter helmet

## Firefighter Boots

- Comfortable boots with reinforced toes and midsole
- Heat and oil resistant rubber sole with protection against penetrating nails
- Sizes: 36-50
- Weight: 2.8 - 3.69 kg
- Dimensions: H 44 x L 33 x W 12 cm (packed size 45)

**ITEM NO.: S-5260360XX**

Approved according to EN345-2 and SOLAS/MED



### VARIANTS

**S-5260170XX** NFPA firefighter boots (rubber)

### RELATED PRODUCTS

**PS3789** VIKING Aramid® multi-layer fire suit

**1054203** Visor for firefighter helmet

## Fire Proof Safety Line

- 30 m safety line complete with snap hook at both ends
- Steel wire with plastic coating

**ITEM NO.: 1042277**

Approved according to SOLAS/MED



### VARIANTS

**1098735** Fire safety line, 40 mtr, steel wire, SOLAS/MED

**1042277** Fire safety line, 30 mtr, steel wire w. plastic coating. SOLAS/MED

### RELATED PRODUCTS

**1010832** Snap hook for safety line

## Firefighter Helmet

- Material: Fibreglass
- Size: Adjustable one size
- Weight: 744 g
- Dimensions:  
L 31 x W 25 x H 17 cm

**ITEM NO.: 1065914**

Shell material: flame-retardant polyamide MED approved



### VARIANTS

- |                |   |
|----------------|---|
| <b>1147324</b> | PAB Fire 05 helmet, yellow with neckcover       |
| <b>1142682</b> | PAB Fire Compact helmet, yellow with neck cover |

### RELATED PRODUCTS

- |                 |  |
|-----------------|--|
| <b>1054203</b>  | Visor for firefighter helmet (1065914)           |
| <b>1024862</b>  | Neck protection for firefighter helmet (1065914) |
| <b>PS383567</b> | Firefighter hood, EN13911 approved               |
| <b>1069072</b>  | Nomex® neck cover for helmet                     |

## Short Handled Firefighter Axe

- Weight: 0.9 kg
- Length: 330 mm
- Approved according to FSS Code.

**ITEM NO.: 1083770**



### VARIANTS

- |                |                                    |
|----------------|------------------------------------|
| <b>1112738</b> | Long handled firefighter axe, wood |
|----------------|------------------------------------|

### RELATED PRODUCTS

- |                |   |
|----------------|---|
| <b>1020780</b> | Pouch for short handled firefighter axe |
|----------------|---|

## Waist Belt, Heat Resistant

- Comes with a safety line, D ring and carabiner hook
- Black Polyester, flame-retardant
- Belt dimensions: L 160 x W 8.5 cm

**ITEM NO.: 1043103**

Approved according to EN358



### VARIANTS

- |                |  |
|----------------|--|
| <b>1025302</b> | Safety belt with 2 D-rings, without safety line            |
| <b>1010833</b> | Safety belt with 2 D-rings, incl. safety line. EN approved |
| <b>1037279</b> | Heat resistant waist belt, Kevlar® size L/XL               |

### RELATED PRODUCTS

- |                |                                     |
|----------------|-------------------------------------|
| <b>1042277</b> | Fire proof safety line              |
| <b>1043083</b> | Full harness AG10/MAS10 with D-ring |

## Long Handled Firefighter Axe

- Axe approved according to the FSS Code
- Material: Fiber glass handle with rubber cover and steel blade
- Handle length: 90 cm
- Dimensions: L 92 x W 28 x D 4 cm
- Weight: approx. 2.8 kg

**ITEM NO.: 1112739**



### RELATED PRODUCTS

- |                |  |
|----------------|--|
| <b>1006019</b> | Cover for long handled firefighter axe |
|----------------|--|



# Fire Extinguishers

**Safe and efficient fire fighting operations require the readiness of approved and effective firefighting equipment according to SOLAS regulations.**

VIKING offers a complete range of highly efficient fire extinguishers for all types of fires.

For detailed information about the different fire classifications and the suitable agents please check to the right.

VIKING also supplies a range of suitable cabinets for portable extinguishers.

See the section on storage boxes on page 120-121.



## Fire Classification A

Fires with solid substances mainly of organic nature, naturally causing glowing fires e.g. wood, paper, textiles, coals, some plastics. Extinguishing agent: powder, foam, water



## Fire Classification B

Fires of liquid substances or substances becoming liquid, e.g. petrol, fats, oils, varnishes, resins, tar, waxes and the majority of plastics. Extinguishing agent: powder, foam, CO<sub>2</sub>



## Fire Classification C

Gas fires, e.g. methane, natural gas, hydrogen, propane. Extinguishing agent: powder



## Fire Classification D

Metal fires, e.g. magnesium, aluminium, sodium and their alloys. Extinguishing agent: powder



## Fire Classification F

Fires involving deep fried oils and fats, e.g.: in restaurant kitchens etc. Extinguishing agent: water and additive



# Portable Fire Extinguisher, A.B.S.

## Fire Extinguisher, Foam

- Cartridge operated A.B.S.
- 9 L AFFF foam
- Suitable for fire classes A, B and F

ITEM NO.: 1038577



### VARIANTS

1136424	Fire Extinguisher, Foam, 6 L, Stored Pressure, Class ABF, A.B.S.
1134655	Fire Extinguisher, Foam, 9 L, Stored Pressure, Class ABF, A.B.S.
1060811	Fire Extinguisher, Foam, 6 L, Cartridge, Class ABF, A.B.S.
1134656	Fire Extinguisher, Foam, 9 L, Stored Pressure, Class AB, A.B.S

### RELATED PRODUCTS

- Brackets, agents and cartridges can be found on page 88

## Fire Extinguisher, Powder

- Cartridge Operated A.B.S.
- 6 kg ABC powder
- Suitable for fire classes A, B and C

ITEM NO.: 1060125



### VARIANTS

1060128	9 kg ABC powder, cartridge operated fire extinguisher A.B.S.
1060127	12 kg ABC powder, cartridge operated fire extinguisher A.B.S.
1134653	6 kg ABC powder, stored pressure fire extinguisher A.B.S.
1134654	9 kg ABC powder, stored pressure fire extinguisher A.B.S.
1059278	12 kg ABC powder, stored pressure fire extinguisher A.B.S.

### RELATED PRODUCTS

- Brackets, agents and cartridges can be found on page 88

## Fire Extinguisher, CO<sub>2</sub>

- Extinguisher A.B.S.
- 5 kg CO<sub>2</sub>
- Suitable for fire class B

ITEM NO.: 1134658



### VARIANTS

1134657	2 kg CO <sub>2</sub> extinguisher A.B.S.
---------	--

### RELATED PRODUCTS

- Brackets, agents and cartridges can be found on page 88

## Fire Extinguisher, Water

- Stored pressure A.B.S.
- 9 l water extinguisher
- Suitable for fire class A

ITEM NO.: 1136425



### RELATED PRODUCTS

- Brackets, agents and cartridges can be found on page 88

# Portable Fire Extinguishers, VIKING

## Fire Extinguisher, Foam

- Cartridge operated VIKING
- 9 l AFFF foam
- Suitable for fire classes A and B

ITEM NO.: 1041548



**VARIANTS**

**1065710** Fire extinguisher foam, 9 l, stored pressure VIKING

**RELATED PRODUCTS**

- Brackets, agents and cartridges can be found on page 88

## Fire Extinguisher, Powder

- Cartridge operated VIKING
- 6 kg ABC powder
- Suitable for fire classes A, B and C

ITEM NO.: 1041530



**VARIANTS**

**1065696** 2 kg ABC powder, stored pressure fire extinguisher VIKING

**1065697** 6 kg ABC powder, stored pressure fire extinguisher VIKING

**1065698** 9 kg ABC powder, stored pressure fire extinguisher VIKING

**1041536** 9 kg ABC powder, cartridge operated fire extinguisher VIKING

**1041540** 12 kg ABC powder, cartridge operated fire extinguisher VIKING

**RELATED PRODUCTS**

- Brackets, agents and cartridges can be found on page 88

## Fire Extinguisher, CO<sub>2</sub>

- Extinguisher VIKING
- 5 kg CO<sub>2</sub>
- Suitable for fire class B

ITEM NO.: 1041552



**RELATED PRODUCTS**

- Brackets, agents and cartridges can be found on page 88

## Fire Extinguisher, Water

- Cartridge operated VIKING
- 9 l water extinguisher
- Suitable for fire class A

ITEM NO.: 1041553



**VARIANTS**

**1065699** 9 l water, stored pressure fire extinguisher VIKING

**RELATED PRODUCTS**

- Brackets, agents and cartridges can be found on page 88

# Wheeled Fire Extinguishers

## Wheeled Fire Extinguisher, Foam

- Cartridge operated
- 50 l AFFF foam
- Suitable for fire classes A and B

ITEM NO.: 1045574



### VARIANTS

- |         |  |
|---------|--|
| 1126645 | 50 l AFFF wheeled foam stored pressure fire extinguisher |
| 1036969 | 150 l AFFF wheeled foam fire extinguisher                |

### RELATED PRODUCTS

- |   |   |
|---|---|
| - | Brackets, agents and cartridges can be found on page 88 |
|---|---|

## Wheeled Fire Extinguisher, Powder

- Cartridge operated
- 50 kg ABC powder
- Suitable for fire classes A, B and C

ITEM NO.: 1036965



### VARIANTS

- |         |  |
|---------|--|
| 1078148 | 50 kg ABC powder stored pressure, wheeled fire extinguisher    |
| 1036971 | 25 kg ABC powder cartridge operated, wheeled fire extinguisher |
| 1060385 | 25 kg ABC powder stored pressure, wheeled fire extinguisher    |

### RELATED PRODUCTS

- |   |   |
|---|---|
| - | Brackets, agents and cartridges can be found on page 88 |
|---|---|

## Wheeled Fire Extinguisher, CO<sub>2</sub>

- Steel cylinder
- 20 kg CO<sub>2</sub>
- Suitable for fire class B

ITEM NO.: 1036972



### VARIANTS

- |         |   |
|---------|---|
| 1037154 | 10 kg CO <sub>2</sub> wheeled fire extinguisher |
| 1039101 | 30 kg CO <sub>2</sub> wheeled fire extinguisher |
| 1055745 | 50 kg CO <sub>2</sub> wheeled fire extinguisher |

### RELATED PRODUCTS

- |   |   |
|---|---|
| - | Brackets, agents and cartridges can be found on page 88 |
|---|---|

## Service of marine fire safety equipment

VIKING can service stationary and portable fire equipment from several global locations.

Contact your local VIKING office or distributor for your nearest certified servicing station for marine fire safety equipment.





## Marine Brackets for Portable Fire Extinguishers

- Brackets are available in several sizes
- Made of steel
- Incl. fixing strap



### VARIANTS

<b>1055374</b>	Marine bracket forVIKING ABC powder 2 kg extinguisher A.B.S.
<b>1035457</b>	Marine bracket for 5 kg CO <sub>2</sub> extinguisher VIKING and A.B.S.
<b>1050891</b>	Marine bracket for 6 and 9 kg/l cartridge VIKING and A.B.S.
<b>1062406</b>	Marine bracket for 6 kg, stored pressure VIKINGand A.B.S
<b>1035459</b>	Marine bracket for 9 or 12 kg/l VIKING and A.B.S. or 6 kg cartridge A.B.S.
<b>1062407</b>	Marine Bracket for 9 kg/l stored pressure VIKING and 6 kg stored pressure VIKING and ABS

## ABC Powder

- For use as spare part for ABC powder fire extinguishers



### VARIANTS

<b>1126533</b>	ABC dry powder, 80%, 6 kg carton
<b>1126534</b>	ABC dry powder, 80%, 9 kg carton
<b>1126535</b>	ABC powder, 80%, 12 kg carton
<b>1126536</b>	ABC dry powder, 80%, 25 kg carton

## Cartridges for Fire Extinguishers

- For use as spare part for cartridge operated fire extinguishers
- Made of steel



### VARIANTS

<b>1041535</b>	Cartridge for 6 kg ABC powder fire extinguisher VIKING (110 g CO <sub>2</sub> cartridge)
<b>1060046</b>	Cartridge for 6 kg ABC powder fire extinguisher A.B.S. (150 g CO <sub>2</sub> cartridge)
<b>1060045</b>	Cartridge for 6 and 9 l foam extinguisher A.B.S. (55 g CO <sub>2</sub> cartridge)
<b>1041539</b>	Cartridge for 9/12 kg ABC powder fire extinguisher VIKING (150 g CO <sub>2</sub> cartridge)
<b>1060047</b>	Cartridge for 9/12 kg ABC powder fire extinguisher A.B.S. (210 g CO <sub>2</sub> cartridge)
<b>1041554</b>	Cartridge for 9 l water fire extinguisher VIKING (55 g CO <sub>2</sub> cartridge)
<b>1041550</b>	Cartridge for 9 l foam fire extinguisher VIKING (110 g CO <sub>2</sub> cartridge)
<b>1037009</b>	Cartridge for 50 l foam and 25 kg ABC powder fire extinguisher A.B.S (1.3 kg CO <sub>2</sub> cartridge)
<b>1037010</b>	Cartridge for 150 l foam fire extinguisher A.B.S. (3.2 kg CO <sub>2</sub> cartridge)

## Foam Concentrate

- For use as spare for foam fire extinguishers or foam applicator units



### VARIANTS

<b>1041549</b>	0.9 l AFFF foam concentrate 6% for 9 l VIKING fire extinguisher
<b>1060063</b>	0.9 l AFFF foam concentrate 3% for 9 l A.B.S. fire extinguisher
<b>1038081</b>	2.7 l AFFF foam concentrate 2% for 50 l A.B.S. fire extinguisher. (1.25 l bottle)
<b>1038009</b>	9.46 l AFF foam concentrate 2% for 150 l A.B.S. fire extinguisher
<b>1098110</b>	20 l AFFF foam concentrate 6% for foam applicator unit, MED approved
<b>1098362</b>	20 l AFFF foam concentrate 3% for foam applicator unit, MED approved

# Fire Hoses, Branch Pipes, Foam Applicators, Couplings and Adaptors

## Standard Fire Hose with Storz Couplings

- 100% synthetic yarn (outer material), synthetic rubber (liner)
- Diameter: 1.5-2.5"
- Color: White
- Other lengths and couplings available upon request



*Due to new regulations the 2.5" no longer holds MED approval*



### VARIANTS

1034662	Fire hose, standard 1.5", 15 m Storz 38 aluminium
1032437	Fire hose, standard 1.5", 15 m Storz 38 brass
1032436	Fire hose, standard 1.5", 20 m Storz 38 brass
1032873	Fire hose, standard 1.5", 20 m Storz C brass
1022680	Fire hose, standard 2", 15 m, Storz C aluminium
1022683	Fire hose, standard 2", 15 m, Storz C brass
1021188	Fire hose, standard 2", 20 m Storz C aluminium
1022684	Fire hose, standard 2", 20 m, Storz C brass
1022681	Fire hose, standard 2", 25 m, Storz C aluminium
1022685	Fire hose, standard 2", 25 m, Storz C brass
1022686	Fire hose, standard 2.5", 15 m, Storz 65 aluminium
1022689	Fire hose, standard 2.5", 15 m, Storz 65 brass
1045347	Fire hose, standard 2.5", 20 m, Storz 65 aluminium
1022690	Fire hose, standard 2.5", 20 m, Storz 65 brass
1022688	Fire hose, standard 2.5", 25 m, Storz 65 aluminium
1022691	Fire hose, standard 2.5", 25 m, Storz 65 brass

### RELATED PRODUCTS

1038295	Fire hose, standard 2", 60 m without couplings
---------	--

## Heavy Duty Fire Hose with Storz Couplings

- Synthetic Polydur
- High resistance to acids, salt solutions, oil and fuel
- Diameter: 1.5-2.5"
- Color: Red
- Other lengths and couplings available upon request



### VARIANTS

1032874	Fire hose, Polydur 1.5", 15 m Storz C brass
1032875	Fire hose, Polydur 1.5", 20 m Storz C brass
1025076	Fire hose, Polydur 2", 15 m, Storz C brass
1025077	Fire hose, Polydur 2", 20 m, Storz C brass
1025078	Fire hose, Polydur 2", 25 m, Storz C brass
1025079	Fire hose, Polydur 2.5", 15 m, Storz 65 brass
1025080	Fire hose, Polydur 2.5", 20 m, Storz 65 brass
1025081	Fire hose, Polydur 2.5", 25 m, Storz 65 brass

### RELATED PRODUCTS

1025417	Fire hose, Polydur 2", 60 m without couplings
---------	---

# Fire Hose Packages

*Complete with all parts required*

VIKING can supply individual items or complete packages, such as hydrants, adaptors, blanking caps, fire hoses, nozzles, spanners and cabinets. Specify the standards, sizes and material for the equipment you need, and VIKING can provide a complete quotation.



1023759 - Coupling spanner  
1071565 - Fire hose cabinet, right side opening

Product description	Hydrant	Blanking cap	Fire hose standard 20 m	Dual purpose nozzle
Brass Storz C	1025085 - 2"	1025102	1022684 - 2"	1011223
Aluminium Storz C	1025084 - 2"	1025101	1021188 - 2"	1022676
Brass Storz 65	1034607 - 2.5"	1025104	1022690 - 2.5"	1022678
Aluminium Storz 65	1034608 - 2.5"	1025103	1045347 - 2.5"	1022677



## Fire Hydrant/Landing Valve DN 14461-3

- BSP male thread inlets
- Brass hydrant with angled outlet
- Various sizes and adaptor configurations available

ITEM NO.: -



### VARIANTS

1068628	Hydrant, 1,5" w/o adaptor, 1,5" BSP male thread
1079563	Hydrant, 2" w/o adaptor, 2" BSP male thread
1025084	Hydrant, 2" with Storz C alu adaptor
1025085	Hydrant, 2" with Storz C brass adaptor
1025087	Hydrant, 2" with Storz 65 brass adaptor
1034608	Hydrant, 2.5" with Storz 65 alu adaptor

## Fire Hydrant/Landing Valve with Flange Inlet

- BSP male thread inlets
- Brass hydrant with angled outlet
- Various sizes and adaptor configurations available

ITEM NO.: -



### VARIANTS

1047959	Hydrant, 90° DN50, inlet PN 16, outlet Storz C brass
1047960	Hydrant, 90°, DN50, inlet PN 16, outlet 2" BSP thread
1047955	Hydrant, straight, DN50, inlet PN 16, outlet Storz C brass
1047956	Hydrant, straight, DN50, inlet PN 16, outlet 2" BSP thread

## International Shore Connection

- 2" with Storz C adaptor brass
- Complete with bolts and gaskets
- Other adaptors available upon request

ITEM NO.: 1022692



### VARIANTS

1020791	International shore connection with 2" male thread without coupling
1030890	International shore connection, 2.5" Storz 65 brass adaptor with bolts and gasket

### RELATED PRODUCTS

1046159	Spare nuts and bolts for international shore connection
1046160	Spare sealing for international shore connection

## Coupling Spanner

- For Storz type
- Size: 75-65-52 = Storz B/C

ITEM NO.: 1023759



### VARIANTS

1011220	Coupling spanner Storz 38, insulated handle
1045109	Coupling spanner Nakajima DN40
1045111	Coupling spanner Nakajima DN65

# HYDROPEN™ SYSTEM

## Award winning

2017: Danish Tech Challenge  
2019: Safety At Sea Award  
2022: TT Club Innovation in Safety Award



# The ultimate solution for fighting container fires

Already selected by several major cargo shipping operators, the revolutionary HydroPen™ System is fast becoming a fire fighting must-have.

Powered only by water pressure from the fire main, the easy to operate system quickly drills through the door of a standard shipping container to extinguish the fire inside.

The system comes with a telescopic lift and can be deployed to effectively and safely tackle fires both at deck levels and high up in the container stack.

## System highlights

- Proven in live fire use
- Simple and safe to operate
- Fully automatic direct firefighting
- Works with water, foam and CO<sub>2</sub>
- Telescopic lift for firefighting at height
- Low maintenance
- Weighs just 9 kgs



VIKING LIFE-SAVING EQUIPMENT

READ MORE ON [VIKING-LIFE.COM](http://VIKING-LIFE.COM)

## HydroPen™ System

- Unique fire-fighting equipment for container fires
- Permits direct fire-fighting inside containers
- For use on containers at deck level and at heights
- Easily installed and operated by one person
- 100 % fire-main powered – no external power needed
- Works well with foam and CO<sub>2</sub>
- Complies with requirements for Water Mist Lance
- Delivered complete with telescopic lift and accessories

ITEM NO.: 1074342



### VARIANTS

1084109	Telescopic lift for HydroPen™
1084108	HydroPen™ drilling unit incl. accessories
1146495	HydroCO <sub>2</sub> , Storz C, for HydroPen™ System

## Mobile Water Monitor

- For protection of on-deck cargo and surrounding areas
- Meets SOLAS regulations II-2/10.7.3 and IMO MSC.1/ Circ.1472
- Adjustable horizontally and vertically
- Delivered with bronze dual purpose nozzle and 2" BSP male thread
- Weight: 22 kg.

ITEM NO.: 1062005



### RELATED PRODUCTS

1062006	Water mist lance, incl. hammer
---------	--------------------------------

## Water Mist Lance with Hammer

- Made of stainless steel
- Complies with SOLAS regulation II-2/10.7.3
- For use on containers within reach
- Delivered with 2" BSP male thread
- Adaptor can be delivered upon request

ITEM NO: 1062006





### Water Fog Applicator

- Made of stainless steel
- Fitted with ball valve
- Delivered with 2" BSP male thread
- Can be delivered with various adaptors (upon request)

ITEM NO.: 1045117



**VARIANTS**

1030281	Water Fog Applicator, Storz C alu
1031239	Water Fog Applicator, Storz C brass

### Jet/Spray branchpipe, CMM with water curtain

- Handle-operated fire nozzle for fog and jet
- Available in aluminium or brass versions

ITEM NO: -



**VARIANTS**

1045273	Nozzle CMM 12 mm alu, w. 2" BSP male
1045139	Nozzle CMM 16 mm alu, w. 2" BSP male
1045275	Nozzle CMM 19 mm alu, w. 2" BSP male
1045272	Nozzle CMM 12 mm brass, w. 2" BSP male
1045293	Nozzle CMM 16 mm brass, w. 2" BSP male
1078200	Nozzle CMM 19 mm brass, w. 2" BSP male

### Turbo Nozzle

- Flow rate: 130/235/400 L/Min
- Throw distance, full jet: 26-32-40 m
- Throw distance, spray jet: 11-14-16 m
- Easy to operate
- Complete with Storz C aluminium adaptor
- Weight: 2.4 kg
- MED approval

ITEM NO.: 1062916



**VARIANTS**

1011224	Turbo nozzle, Awg 2130, Storz C aluminium
1031253	Turbo nozzle, Awg 2235, Storz C brass
1031255	Turbo nozzle, Awg 2235, Storz 65 brass

### Jet Spray Nozzle

- Body of Polyoxymethylene (POM)
- Operating head of rubber (NBR)
- Corrosion and high impact resistant
- Inlet connection: 2" BSP male thread
- Delivered with various types of adaptors on request
- AWG and Navutec brands available

ITEM NO: -



**VARIANTS**

1042278	Jet/spray nozzle, 12 mm without adaptor, Navutec
1050704	Jet/spray nozzle, 12 mm without adaptor, AWG
1042280	Jet/spray nozzle, 16 mm without adaptor, Navutec
1050702	Jet/spray nozzle, 16 mm without adaptor, AWG
1042283	Jet/spray nozzle, 19 mm without adaptor, Navutec
1045125	Jet/spray nozzle, 20 mm without adaptor, AWG

# Foam Packages

## Foam Inductor Package - *with Foam inductor*



1036852 - Box for foam packages  
Weight: 10 kg  
Dimensions: L 100 x H 30 x W 40 cm



Product description	Fire hose 25 metre	Foam inductor	Pick up hose	Foam canister 20 litre	Fire hose 10 metre	Foam branch pipe
Brass inductor Storz C Brass	1022685 (2" hose)	1022641 (200 litre)	1011237	1098110 x 2	1022682 (2" hose)	1022636 (200 litre)
Storz C - Aluminium	1022681 (2" hose)	1011238 (200 litre)	1022635	1098110 x 2	1022679 (2" hose)	1011227 (200 litre)
Storz 65 - Brass	1022691 (2.5" hose)	1022643 (200 litre)	1011237	1098110 x 2	1032745 (2.5" hose)	1037572 (200 litre)
Storz 65 - Aluminium	1022688 (2.5" hose)	1022642 (200 litre)	1022635	1098110 x 2	1038587 (2.5" hose)	1037573 (200 litre)
Storz C - Brass	1022685 (2" hose)	1022645 (400 litre)	1011237	1098110 x 2	1022682 (2" hose)	1022639 (400 litre)
Storz C - Aluminium	1022681 (2" hose)	1022644 (400 litre)	1022635	1098110 x 2	1022679 (2" hose)	1022639 (400 litre)
Storz 65 - Brass	1022691 (2.5" hose)	1022646 (400 litre)	1011237	1098110 x 2	1032745 (2.5" hose)	1037574 (400 litre)
Storz 65 - Aluminium	1022688 (2.5" hose)	1022702 (400 litre)	1022635	1098110 x 2	1038587 (2.5" hose)	1022640 (400 litre)

## Foam Inductor Package - *self-inducing*



1036852 - Box for foam packages

*Photo shows self-inducing branch pipe from Delta*

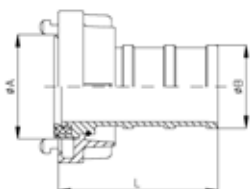


Product description	Fire hose 25 m	Self inducing branch pipe	Foam canister 20 litre
Storz C - Brass	1022685 (2" hose)	1062887 (200 litre) with ball valve (ABS)	1098110 x 2
Storz C - Aluminium	1022681 (2" hose)	1062880 (200 litre) without ball valve (ABS)	1098110 x 2
Storz 65 - Brass	1022691 (2.5" hose)	1062883 (200 litre) without ball valve (ABS)	1098110 x 2
Storz 65 - Aluminium	1022688 (2.5" hose)	1062889 (200 litre) with ball valve (ABS)	1098110 x 2
Storz C - Brass	1022685 (2" hose)	1038429 (400 litre) without ball valve (Delta)	1098110 x 2
Storz C - Aluminium	1022681 (2" hose)	1022712 (400 litre) without ball valve (Delta)	1098110 x 2
Storz 65 - Brass	1022691 (2.5" hose)	1037577 (400 litre) without ball valve (Delta)	1098110 x 2
Storz 65 - Aluminium	1022688 (2.5" hose)	1037578 (400 litre) without ball valve (Delta)	1098110 x 2
Storz C - Brass	1022685 (2" hose)	1038429 (400 litre) HV450, with ball valve (Delta)	1098110 x 2

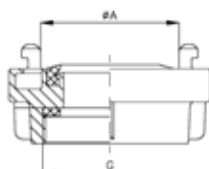
# Storz Couplings and Adaptors

On the following pages you will find a selection of the most popular couplings. Other sizes are available upon request.

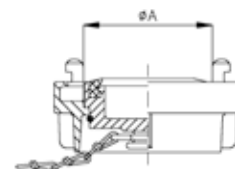
VIKING supplies all common international couplings and its accessories, e.g. sealing rings and coupling spanners.



**Suction Hose Coupling**



**Adaptor**



**Blank Cap with Chain**

Suction hose coupling	Size / material	A (mm)	B (mm)	L (mm)
1038389	38 / aluminium	51	38	90
1038390	38 / brass	51	38	90
1025088	C-52 / aluminium	66	52	90
1025089	C-52 / brass	66	52	90
1025090	65 / aluminium	81	65	90
1025096	65 / brass	81	65	90
Adaptors	Size / material	A (mm)	G (inch BSP, female)	
1030415	38 / aluminium	51	2"	
1032435	38 / brass	51	2"	
1025097	C-52 / aluminium	66	2"	
1025098	C-52 / brass	66	2"	
1025099	65 / aluminium	81	2"	
1025100	65 /brass	81	2"	
1047856	65 / aluminium	81	2 1/2"	
1033837	65 / brass	81	2 1/2"	
Blank caps with chain	Size / material	A (mm)		
1047842	38 / aluminium	51		
1038567	38 / brass	51		
1025101	C-52 / aluminium	66		
1025102	C-52 / brass	66		
1025103	65 / aluminium	81		
1025104	65 / brass	81		
Sealing rings	Size			
1047872	C-52			
1047873	65			



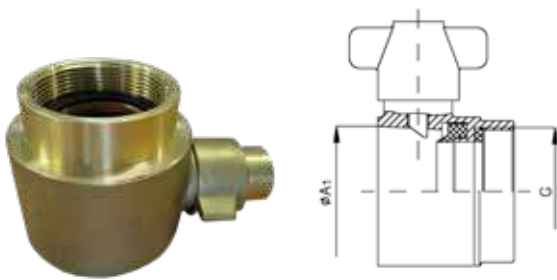
# UK - Instantaneous



Delivery Hose Coupling



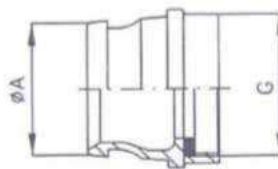
Blank Cap with Chain, Female



Adaptor (female)



Blank Cap with Chain, Male



Adaptor (male)

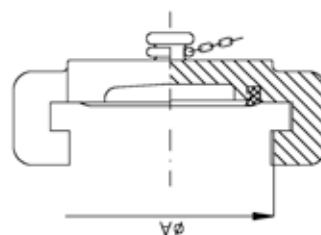
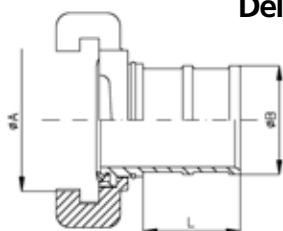
Delivery hose coupling	Size	A (mm)	A1 (mm)	B (mm)	L (mm)
1047877	DN 2 1/2" / brass	71	74.8	52	70
1047878	DN 2 1/2" / brass	71	74.8	64	70
Adaptors	Size	A1 (mm)	G (inch BSP, female)		
1047883	DN 2 1/2, female	71	2,5"		
1045204	DN 2 1/2, male	71	2,5"		
1045202	DN 1 1/2" / brass	48	2,5"		
1047884	DN 2 1/2" / brass	74.8	2"		
Blank caps with chain	Size	A (mm)			
1045201	DN 2 1/2" female	71			
1047879	DN 2 1/2" male	71			
Sealing rings	Size				
1047885	DN 2 1/2"				

# Nakajima

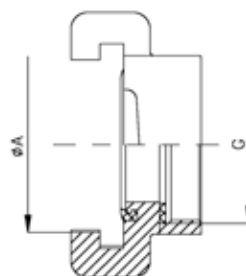
Blank Cap with Chain



Delivery Hose Couplings



Adaptor



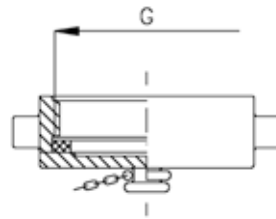
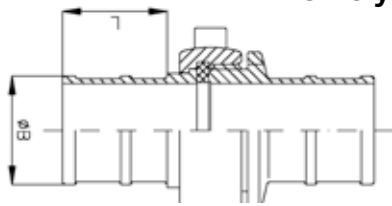
Delivery hose coupling	Size	A (mm)	B (mm)	L (mm)
1047923	DN 40 / brass	61	38	45
1047925	DN 65 / brass	92	38	58
1047926	DN 65 / brass	92	52	58
1047927	DN 65 / brass	92	64	58
Adaptors	Size	A1 (mm)	G (inch BSP, female)	
1047930	DN 40 / brass	61	1 1/2"	
1045235	DN 40 / brass	61	2"	
1047931	DN 65 / brass	92	2"	
1047932	DN 65 / brass	92	2 1/2"	
Blank caps with chain	Size	A (mm)		
1045234	DN 40 / brass	61		
1047929	DN 65 / brass	92		
Sealing rings	Size			
1047933	DN 40 / brass			
1047935	DN 65 / brass			

# US - Standard

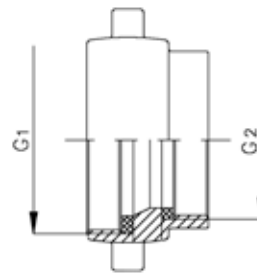
## Blank Cap with Chain



Delivery Hose Coupling



Adaptor



Delivery hose coupling	Size	B (mm)	L (mm)
1047894	DN 1 1/2" / brass	38	60
1047895	DN 2 1/2" / brass	52	60
1047897	DN 2 1/2" / brass	64	80
Adaptors (female x female)	G1 (inch) NH	G (inch) BSP, female	
1047899	DN 1 1/2" / brass	2"	
1047900	DN 2 1/2" / brass	2"	
Blank caps with chain	Size	G (inch)	
1045208	DN 1 1/2" / brass	1 1/2"	
Sealing rings	Size		
1047945	DN 2 1/2" / brass		

**VIKING offers a complete range of country specific couplings, adaptors and blank caps.**

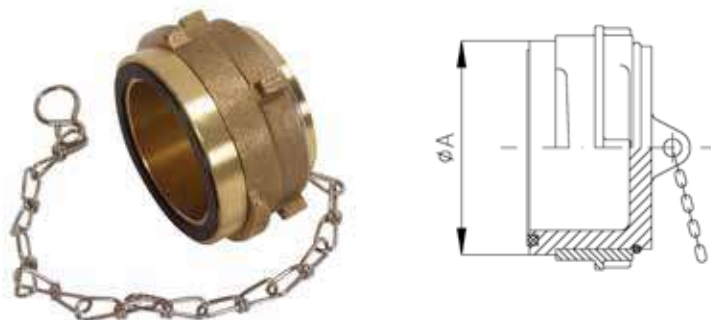


# Guillemin

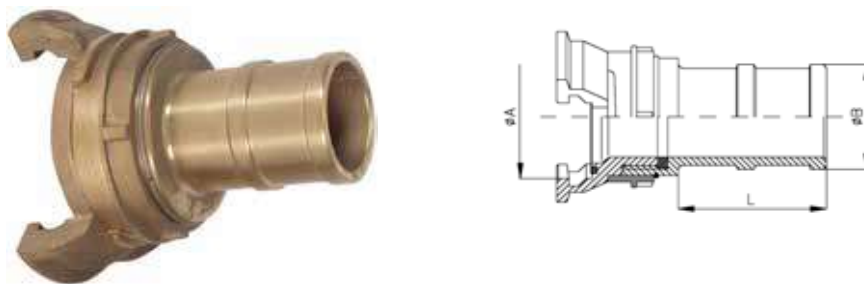
## Adaptor



## Blank Cap with Chain



## Delivery Hose Coupling



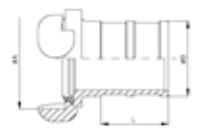
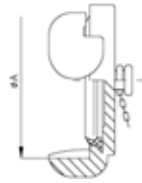
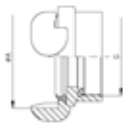
Delivery hose coupling	Size	A (mm)	B (mm)	L (mm)
1047901	DN 40 / brass	55	44	64
1047903	DN 65 / brass	84	64	70
1047904	DN 65 / brass	84	70	70
Adaptors	Size	A1 (mm)	G (inch BSP, female)	
1055552	DN 40 / brass	55	2"	
1045223	DN 50 / brass	69	2"	
1047907	DN 65 / brass	84	2"	
1047909	DN 65 / brass	84	2 1/2"	
Blank caps with chain	Size	A (mm)		
1045219	DN 40 / brass	55		
1045220	DN 50 / brass	69		
1047905	DN 65 / brass	84		
Sealing rings	Size			
1047947	DN 40 / brass			
1047910	DN 65 / brass			

# Barcelona

**Adaptor**

**Delivery Hose Coupling**

**Delivery Hose Coupling**



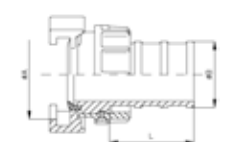
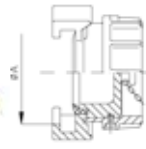
Delivery hose coupling	Size	A (mm)	B (mm)	L (mm)
1047936	DN 45 / brass	62	38	46
1047937	DN 70 / brass	85	64	54
Adaptors	Size	A1 (mm)	G (inch BSP, female)	
1045247	DN 45 / brass	62	2"	
1045248	DN 70 / brass	85	2"	
Blank caps with chain	Size	A (mm)		
1045249	DN 45 / brass	62		
Sealing rings	Size			
1047938	DN 45 / brass			

# NOR

**Adaptor**

**Blank Cap with Chain**

**Delivery Hose Coupling**



Delivery hose coupling	Size	A (mm)	B (mm)	L (mm)
1047911	DN 1 ½" / brass	50	38	60
1047913	DN 2" / brass	66	52	60
Adaptors	Size	A1 (mm)	G (inch BSP, female)	
1047917	DN 1 ½" / brass	50	DN 1 ½"	
1047919	DN 2" / brass	66	DN 2"	
1047920	DN 2 ½" / brass	83	DN 2"	
Blank caps with chain	Size	A (mm)		
1045228	DN 1 ½" / brass	50		
1047915	DN 2" / brass	66		
1047916	DN 2 ½" / brass	83		
Sealing rings	Size			
1045231	DN 1 ½" / brass			
1047921	DN 2" / brass			



 rosenbauer

# Extinguishing fires in Electrical Vehicles (EV/EVS)

## High-quality products with expert advice

The use of electrical cars is rapidly increasing. But with the transition to electric transportation comes a new challenge: Vehicles with lithium ion batteries can be especially dangerous when they catch fire.

The request for solutions to handle these challenges on the Maritime markets has also increased during the last few months. Hence, we at VIKING have teamed up with two global players to help our customers with the challenges, that might occur.

### Battery Extinguishing system by Rosenbauer

The new Rosenbauer extinguishing system for high-voltage batteries in electrically powered cars is a safe and efficient system for extinguishing fire rapidly in lithium-ion batteries.

It enables direct cooling of battery modules or the battery cells inside the modules and thus stop the chemical reaction and consequent heating fast.

The increasing number of electric vehicles (EV) has brought new risks and challenges for fire departments. Rosenbauer is committed to fire safety and has worked extensively to develop a tool that supports and ensures safety to the community in an easy and sustainable way - named 'BEST'.

BEST consists of three main components: an extinguishing unit, a control panel and hoses. The extinguishing unit is placed under the battery and, if necessary, fastened to the car with a jack or in another suitable position.

The preferred position is on the underside of the car. The control panel controls the extinguishing unit's extinguishing spear, which penetrates the battery housing at a safe distance. Immediately after the penetration, the battery housing is doused with water and the cooling process begins.





## Features

### Safe

The responding crew are near the vehicle that needs to be extinguished only for a very short time. Reducing this time near the burning vehicle reduces the risk of contamination with the toxic substances emitted during the fire.

### Efficient

The extinguishing system ensures that the water is propelled exactly where it has an effect, cooling the battery cells and the battery housing. This means that the extinguishing system is resource-saving and minimizes the spread of toxic gases from the fire.

### Rapid penetration

Thanks to the specially-designed extinguishing spear and penetration method, all known types of battery housing can be pierced with the extinguishing spear.

### Self-powered

The required energy for the extinguishing spear is delivered via pressure hoses from pressure cylinders on the control panel.

### Tested in practice

Full-time and part-time emergency response services in Europe have tested the system for months and provided valuable feedback on its practical application.

### Low-pressure extinguishing system

The extinguishing system only requires an available water supply with a pressure of 4 to 10 bar. This means that the system can be used in connection with all commonly used extinguishing systems.

### Tested under realistic conditions

Research and development of the system included extensive testing and trials involving a large range of battery systems and complete vehicles. The system has been tested with all known battery types used by European and American manufacturers of passenger cars, trucks and vans. The tested batteries had capacities of up to 120 kWh.



## Battery extinguishing system, BEST by Rosenbauer

- Safest, most efficient and fastest way to stabilize a burning battery
- Penetration of the burning battery is possible in many operational situations
- Reduced water consumption
- Low smoke emissions into the air

ITEM NO: 1154843



# Bridgehill fire blankets

Any car fire is dangerous and toxic. A car fire in a gas station, road tunnel, car park or passenger ferry can be a disaster. The Bridgehill Car Fire Blanket enables you to contain the flames, smoke and toxic fumes in a car fire in seconds – and extinguish it in minutes. It's the only solution that can effectively handle fires in electric cars.

Bridgehill has set high standards to develop safety blankets for EV and has shown through tests that the blankets can decrease a temperature over 1000 degrees Celsius to 100 degrees within a short time.



Simply drag the Bridgehill Car Fire Blanket over the burning vehicle to immediately isolate the flames and fumes. The fire will soon extinguish due to lack of oxygen. In electric cars, the lithium batteries will continue to burn even without oxygen



or treatment with normal fire extinguishers; the Bridgehill Car Fire Blanket enables you to isolate the fire until trained fire fighters can flood it with water. We recommend that our car fire blankets are removed from the vehicle by professional firefighters only.

### Step-by-step

1. Unroll the blanket in front of or behind the car/ burning object
2. Grab the handles in the corners, and pull over the blanket in one movement
3. Wrap the blanket tightly around the car to reduce the supply of oxygen
4. Leave on for about 20 minutes

### Specifications

- Size: ± 6x8 m | 19.8 x 26.3 ft.
- Weight: ± 26 kg | 57 lb. 32 oz.
- Approved standard: EN 1869:2019



### Car fire blanket PRO

The most efficient way to isolate and extinguish car fires, even in electric vehicles.

- Fast – isolates fire in seconds
- Effective – extinguishes fire in minutes
- Simple – can be used by anyone
- Eco-friendly – no toxic fumes or liquids

ITEM NO: 1150585





# Breathing Apparatus



## Self-Contained Breathing Apparatus Scott Safety, SIGMA-2

- Complete BA set incl. mask (Promask), backplate, harness and regulator, excl. cylinder (must be ordered separately)
- Can be used with steel or composite cylinders
- Can be equipped with an integrated radio communication unit
- Weight without cylinder: 3 kg
- Dimensions: H 600 x W 278 x D 200 mm

ITEM NO: 1056036



### RELATED PRODUCTS

1057131	Scott Sigma-2 without mask and cylinder
1063872	Face mask for Scott SCBA, type Promask, for radio integration
1053167	Face mask for Scott SCBA, Type Promask LQF with Rubber Harness
1062068	Face mask for Scott SCBA, Type Vision 3 LQF with Rubber Harness

Face mask for SCBA, Promask LQF

## Self-Contained Breathing Apparatus Dräger, PAS Lite

- Complete BA set incl. backplate, harness and regulator
- Delivered without mask (must be ordered separately)
- Face mask recommended: Dräger Panorama Nova
- Can be used with steel or composite cylinders
- Delivered without cylinder
- Weight: 3.4 kg
- Dimensions:  
H 66 x W 33 x D 18 cm

**ITEM NO: 1051273**

Approved according to  
EN137 (type 2) and SOLAS/MED



### VARIANTS

- PSS3000 - individually configured upon request
- PSS5000 - individually configured upon request
- PSS7000 - individually configured upon request
- Dräger PAS Micro - available upon request
- Dräger PAS Colt - available upon request

### RELATED PRODUCTS

- 1045642** Dräger Panorama Nova mask for Dräger BA sets
- 1034140** Dräger FPS 7000 mask without com-system
- 1065901** Dräger FPS 7000 mask with com-system
- Dräger C-C440 Push-To-Talk (PTT) unit (variant depends on radio type)

## Cylinders for Self-Contained Breathing Apparatus

- Can be refilled with an air compressor that has a working pressure of 300 bar
- Weight and dimensions vary depending on the material, capacity and content (filled / empty)



### VARIANTS

- 1039805** Scott cylinder 6 L/300 bar, steel, empty
- 1045656** Scott cylinder 6 L/300 bar, steel, filled
- 1045689** Scott cylinder 6.8 L/300 bar, composite, filled
- 1045716** Dräger cylinder 6 L/300 bar, steel, filled
- 1052127** Dräger cylinder 6.8 L/300 bar, composite, filled
- 1061220** Dräger cylinder 6.8L/300 bar, composite, empty

## Air Compressor, L&W

- LW 100 E ECO, 3-phase, 230 V, 60 Hz, 300 bar
- Lightweight, reliable and ideal for mobile use
- Cylinder and crankshaft bores machined in one process
- Efficient cooling for extended filter life
- Weight: 43 kg
- Dimensions:  
H 40 x W 40 x D 67 cm

**ITEM NO.: 1034401**



*L&W compressors can be delivered with other voltages, hertz and bar upon request*

## Air Compressor, Bauer

- Junior II-E, 3-phase, 400 V, 50Hz, 300 bar
- Durable, long-life compressor block using tempered cylinders
- Piston rings made of high-tech synthetic material
- Stainless steel filling hose with swiveling outlet, safety filling connectors and integrated link protection
- Fitted with "B-TIMER" mini-computer indicating usage and maintenance needs
- Weight: 46 kg
- Dimensions:  
H 42 x W 36 x D 66 cm

**ITEM NO.: 1045777**



*Complete range of Bauer products are available upon request*

### Escape Hood, COGO

- Protects against smoke and carbon monoxide inhalation
- Easy and quick donning
- One size fits all
- Weight: 650 g
- Package dimensions: 14 x 12 x 10 cm

ITEM NO.: 1024164

Complies with EN403



**RELATED PRODUCTS**

1029336 Pouch for escape hood

### Escape Hood, Dräger PARAT 5500 Series

- Replaces the popular PARAT C
- For protection against toxic fire-related gasses, vapors, and particles
- Filter: CO P2 filter
- Approval: According to EN 403:2004 for fire escape hoods, also tested for use against H2S in accordance with DIN 58647-7
- Packing types: Hard case, soft pack and single pack
- Filter lifetime: 8 years

ITEM NO.: -



**VARIANTS**

- 1058686 Escape hood, PARAT 5510, single pack
- 1058684 Escape hood, PARAT 5520, soft pack
- 1058685 Escape hood, PARAT 5530, hard case

### EEBD Escape Set, Scott Safety ELSA 15B

- 15 minutes breathing protection
- Rapid, automatic fire activation
- Weight: 7 kg
- Dimensions: L 52 x W 13.5 x H 34 cm

ITEM NO.: 1042498



**RELATED PRODUCTS**

1044969 Cabinet for EEBD

### EEBD Escape Set, Dräger - Saver CF15

- 15 minutes constant flow escape unit
- Simple to use, hood based, and automatically activated
- Also available in hard case and anti-static versions

ITEM NO.: 1043554



**RELATED PRODUCTS**

1044969 Cabinet for EEBD



**15 YEAR  
MAINTENANCE  
FREE**



### EEBD Escape Set, Ocenco M-20.2

- No additional service charges such as service fees and costs related to hydrostatic testing
- Very low incidence of leakage compare to compressed air devices
- Completely water tight sealed case protects all of the components from mold, vermin, salt spray, etc.
- Can be worn on the belt during inspections or other work related situations
- Meets all national and international standards
- For one-time use only. Use the training model for onboard exercises
- Solid track record since 2001

**ITEM NO.: 1008018**



#### RELATED PRODUCTS

**1008020** Steel bracket for EEBD Ocenco

### Training model for Emergency Escape Breathing Device with Video and Manual

- Training set for Ocenco EEBD including 2 extra mouth pieces, instruction manual and training video
- Weight: 2.3 kg
- Dimensions:  
H 34 x W 33.5 x D 14 cm

**ITEM NO.: 1008021**



#### RELATED PRODUCTS

**1008020** Steel bracket for EEBD

**1008023** Mouthpiece assembly for M-20.2T

### Steel bracket for Ocenco M-20.2 EEBD

- Chrome plated steel wire bracket
- Easy to mount
- Compatible with the Ocenco training unit M-20.2T

**ITEM NO.: 1008020**





# Chemical and Gas Detection

## Trellchem® Light type TR chemical suit

- High quality chemical suit with an extensive track record
- Complies with EN943-1, EN 14126, and EN1149-5
- Non-encapsulating suit with face-seal and rear entry (type 1B)
- Gloves fitted with Trelchem® Bayonet glove rings system
- Fitted with PVC safety boot
- Mask and SCBA set delivered separately
- SCBA is worn outside the suit
- The suit is available in an incapsulated version (CV or VP1)

**ITEM NO.:** 1070837



## Chemical Boiler Suit, light duty

- One-piece protective suit liquid tight and spray tight
- Three-layered yellow polyethylene film
- Ergonomic design
- Supplied without mask, gloves and boots
- Color: Yellow, size: L (other sizes available)

**ITEM NO.:** 1066815

Approved according to EN466:1995 and EN465:1995



**VARIANTS**

**1070838** Trelchem® Light TR chemical suit, size XL

**VARIANTS**

**1066816** Chemical Boiler Suit, light duty, XL

**1066817** Chemical Boiler Suit, light duty, XXL

## Chemical Resistant Safety Helmet

- With 6-point terylene harness and sweatband
- Color: yellow

**ITEM NO.: 1048016**

Approved according to EN397



### RELATED PRODUCTS

**1065256** Chemical protective face shield

## Chemical Protective Gloves

- Acid-proof nitrile gloves
- Length: 33 cm
- Size: L

**ITEM NO.: 1062356**

Approved according to EN388 and EN374



### VARIANTS

**1062158** Acid-proof gloves (XL) - length 33 cm  
**1062159** Acid-proof gloves (XXL) - length 33 cm

## Chemical Protective Boots

- Excellent resistance to acids, oil and fuel
- Antistatic
- With safety toe cap and anti-perforation mid-sole
- Size: 45
- Other sizes are available upon request

**ITEM NO.: 1042990**

Approved according to EN20345 S5



## Chemical Protective Goggles

- Multipurpose goggles with soft PVC
- Protect against liquids, coarse dust and mechanical risks

**ITEM NO.: 1065986**

Approved according to EN166







## Apron, chemical protection

- Apron according to EN 14605, A1:2009
- Color: Cobalt
- With braces included

ITEM NO.: 1150231



### RELATED PRODUCTS

1065256 Chemical protective face shield

## Oil Spill Response Kit

- According to IMO A535/13 and OPA of 1990, Section 4202
- 7 barrel - 1100 L
- Stored in watertight GRP lockable box
- Dimensions: L 114 x W 70 x H 82 cm
- Spare parts available upon request

ITEM NO.: 1046404



### VARIANTS

1049464 Oil spill response kit according to USCG, 7 barrel (1100 l)

1049465 Oil spill response kit according to USCG, 12 barrel (1900 l)



## Multi-Gas Detector with Integrated Pump

- Martek Marine-4
- Measures LEL for vapor and combustible gases, O<sub>2</sub>, CO and H<sub>2</sub>S
- Integral sampling pump and 3 m hose for pre-entry test
- Charger included
- Waterproof down to 1 m (IP 67)
- Dimensions: 121 x 59 x 32 mm
- Weight: 230 g



ITEM NO.: 1061615

Complies with SOLAS regulation XI-1/7.  
Approved according to MED and ATEX IIC

### VARIANTS

1052356 Dräger X-AM 5000 EX, O<sub>2</sub>, CO, H<sub>2</sub>S

1068740 Dräger X-AM 2500 EX, O<sub>2</sub>, CO, H<sub>2</sub>S, w. NIMH power pack

### RELATED PRODUCTS

1061616 Calibration Unit for 1061615

1061617 Calibration Gas, Marine-4

1061618 Demand flow regulator

1061619 25 M Tube for Marine-4

1061620 Spare Sensor, O<sub>2</sub>

1061621 Spare Sensor, H<sub>2</sub>S/CO

1061622 Spare Sensor, LEL

### Eyewash Station

- Hughes STD-45 G
- Other models are available upon request

ITEM NO.: 1023833



**RELATED PRODUCTS**

1021970 Safety shower and eyewash station (indoor)

### Safety Shower and Eyewash Station (Indoor)

- Hughes EXP-18 G/45 G
- Other models are available upon request

ITEM NO.: 1021970



**RELATED PRODUCTS**

1023833 Eyewash station

### Eyewash

- 2 x 500 ml
- Wall mounted

ITEM NO.: 1042966



**VARIANTS**

- 1042964 Eyewash liquid without holder, 1 x 500 ml
- 1057437 Eyewash liquid with holder, 1 x 500 ml

**RELATED PRODUCTS**

1021970 Safety shower and eyewash station (indoor)  
 1023833 Eyewash station

**VIKING supplies a wide variety of Safety Showers.**

Contact your local office for further information.





# Medical Equipment



## Basket Stretcher

- Rigid one piece stretcher
- 4 restraining straps
- Lifting bridles (1008915) must be ordered separately
- Weight: 13.5 kg
- Dimensions: W 2150 x D 185 x L 2070 mm

**ITEM NO.: 1008912**

### VARIANTS

**1008910** Twin shell basket stretcher

### RELATED PRODUCTS

**1008914** Floating device for basket stretcher

**1008915** Lifting bridles for basket stretcher

**1008913** Carrying case

**1029757** Resistant belt for basket stretcher

**1057095** Wall fixing kit

**1031026** Cabinet for basket stretcher or spine board

## Spine Board Stretcher

- Immobilising stretcher
- Model: B-bak pin
- Made of high density completely recyclable polyethylene
- X-Ray compatible

ITEM NO.: 1027587



### VARIANTS

1008916 Spine board stretcher (Model: Rock), floatable

### RELATED PRODUCTS

1008917 Rock straps, immobilizing system for Spencer spine boards

1008919 Head immobilizer Super Blue, Spencer

1031026 Cabinet for basket stretcher or spine board

## Scoop Stretcher

- Enables gentle manoeuvring of the patient on to the stretcher
- Adjustable to different lengths
- Made of aluminium
- Three fixation belts with quick release buckle
- Weight: 9.5 kg
- Dimensions: W 435 x D 65 x L 1200 mm (folded)

ITEM NO.: 1020725



### RELATED PRODUCTS

1008919 Head immobiliser, blue

## Paraguard Stretcher

- Immobilising stretcher
- Compact for versatility (foldable and can be packed into a bag)
- Can be used for helicopter rescue with lifting eyes and the optional lifting harness
- Weight: 14 kg
- Dimensions: W 320 x D 210 x L 1000 mm (folded)

ITEM NO.: 1020716



### RELATED PRODUCTS

1020727 Lifting harness for paraguard stretcher

1053410 Shoulder harness for paraguard stretcher

1053208 Carrying handles for paraguard stretcher

## Stretcher, Neil Robertson Type

- Immobilising stretcher
- For hoisting in confined spaces
- Wood strips

ITEM NO.: 1022622



### VARIANTS

1020722 Stretcher, Neil Robertsen type, (Spencer)

## Floating Device for Basket Stretcher

- Two buoyancy tubes that can be attached to a basket stretcher or twin shell basket stretcher

ITEM NO.: 1008914



### RELATED PRODUCTS

- |         |                             |
|---------|-----------------------------|
| 1008912 | Basket stretcher            |
| 1008910 | Twin shell basket stretcher |

## Defibrillator (AED), Lifeforce™

- Battery life typically 5 years
- Battery and pads replaced by user
- Easy to use audio and visual instructions
- 8 year warranty

ITEM NO.:1057868

Type approved by GL



### RELATED PRODUCTS

- |         |                           |
|---------|---------------------------|
| 1034908 | Defibrillator pad package |
|---------|---------------------------|

## SOLAS First Aid Kit I & Kit II

- Complete medical outfitting for lifeboats
- Both Kit I (1056105: medication only) and Kit II (1056106: equipment only) required to be fully compliant

ITEM NO.: 1056105 (KIT I), 1056106 (KIT II)

SOLAS and Lloyd's Register approved



## First Aid Kit

- For use in workplaces with 1-50 persons.  
An extra kit is needed for each additional 50 persons
- Includes wall bracket

ITEM NO.: 1061019

Compliant with BS-8599



### VARIANTS

- |         |                                      |
|---------|--------------------------------------|
| 1043822 | First aid kit DIN13157 incl. bracket |
|---------|--------------------------------------|



### MED O2 Port suitcase PI W/O CYL

- Red-portable bag with VIKING logo
- Disposable items as per IMDG-requirements
- Pin index connection regulator

ITEM NO.: 1085380



RELATED PRODUCTS	
1085355	MED O2 PORT SUITCASE G 5/8" W/O CYL
1085377	MED O2 CYL 2 LTR W/VLV PIN INDEX
1085379	MED O2 CYL 2 LTR W/VLV DIN 5/8 FM

### MED O2 Regulator set PI

- Includes 1 x Regulator Pin Index connection with 2-flow outlets
- And all "hospital kit"-items wich are wall brackets, clamp and chain (2x) , masks, 2nd-flowmeter

ITEM NO.: 1085404



RELATED PRODUCTS	
1093605	MED O2 REGULATOR SET G 5/8" M
1085378	MED O2 CYL 40 LTR W/VLV PIN INDEX
1026378	MED O2 CYL 10 LTR W/VLV PIN INDEX
1085381	MED O2 CYL 40L 5/8 W VLV 5/8 FM DM
1085384	MED O2 CYL 10 LTR W/VLV DIN 5/8 FM

### MED O2 CYL 40 LTR W/VLV PIN INDEX

- Filling pressure: 200 BAR
- EU, DOT, PI and type approved by B.V. class

ITEM NO.: 1085378



RELATED PRODUCTS	
1026378	MED O2 CYL 10 LTR W/VLV PIN INDEX
1085377	MED O2 CYL 2 LTR W/VLV PIN INDEX
1085381	MED O2 CYL 40L 5/8 W VLV 5/8 FM DM
1085384	MED O2 CYL 10 LTR W/VLV DIN 5/8 FM
1085379	MED O2 CYL 2 LTR W/VLV DIN 5/8 FM

### Emergency ration and drinking water

- Contains 1/2 L water per bag
- Ration weighs 500 g per box

ITEM NO.: (RATION) - 1000315

ITEM NO.: (WATER) - 1000313





# Occupational Safety

## Safety Helmet

- With adjustable harness and sweatband
- Color: Red

ITEM NO.: 1048015

Approved according to EN397



### VARIANTS

- |         |                       |
|---------|-----------------------|
| 1048016 | Safety helmet, yellow |
| 1048017 | Safety helmet, white  |
| 1048019 | Safety helmet, orange |

### RELATED PRODUCTS

- |         |                                       |
|---------|---------------------------------------|
| 1048020 | Sweatband for safety helmet           |
| 1048024 | Hat guard for safety helmet synthetic |
| 1065256 | Chemical protective face shield       |

## Protective Goggles

- Multipurpose goggles with soft PVC
- Protect against liquids, coarse dust and mechanical hazards

ITEM NO.: 1065986

Approved according to EN166



## Descent Control Escape Device

- Last means of escape, drill derrick/crane escape
- Non-mechanical
- Light and portable
- 90 mtr descent length
- Various length possible

ITEM NO.: 1055855



### VARIANTS

1054066	Descent device, Milan Hub
---------	---------------------------

## Fall Arrester

- Steel housing (powder coated)
- Length: 24 m
- Breaking load: >12 KN

ITEM NO.: 1072653

Approved according to DIN EN360



### VARIANTS

1072621	Fall arrester 9 m
1072652	Fall arrester 12 m

## Full Harness AGU 10

- D-ring in the back
- Leg loops
- 45 mm polyester strap
- Size 1

ITEM NO.: 1043083



### VARIANTS

1043081	Safety harness PRO102 with D-ring
1095740	Fall arrest harness, M/L

### RELATED PRODUCTS

1048396	Shock absorber rope, polyamide 1.5 m
1048397	Shock absorber rope, polyamide 2 m

## Waist Belt

- 1400 mm
- 85 mm polyamid strap
- Twin tang buckle
- Two fixed eyes

ITEM NO.: 1043094



### VARIANTS

1076620	Waist belt 750-1200mm, with slide buckle
1051907	Waist belt, 1700 mm, twin tang buckle



# Navigation

## Aneroid Barometer

- Brass body polished
- With hinge and shutter
- Outer diameter: 155 mm
- Scale diameter: 118 mm

ITEM NO.: 1048110



### VARIANTS

- |                |  |
|----------------|--|
| <b>1048112</b> | Aneroid barometer, outer diameter 220 mm, scale diameter 150 mm  |
| <b>1048111</b> | Aneroid barometer, outer diameter. 180 mm, scale diameter 125 mm |

## Pendulum Clinometer

- Polished brass body
- Oil damping
- Range: - 40° C to + 40° C
- Outer diameter: 155 mm
- Scale diameter: 118 mm

ITEM NO.: 1048150



### RELATED PRODUCTS

- |                |                        |
|----------------|------------------------|
| <b>1048148</b> | Fluid level clinometer |
|----------------|------------------------|

## Drum Sextant

- With lighting
- Measuring range -5° C to +130° C
- Stored in mahogany carrying case
- Weight: 1.2 kg

ITEM NO.: 1048154



## Ship Clock with Radio Sector

- Quartz movement with start-stop switch
- Brass body polished with hinge and shutter with alarm
- Outer diameter: 220 mm
- Scale diameter: 150 mm

ITEM NO.: 1048176



### VARIANTS

- |                |  |
|----------------|--|
| <b>1048174</b> | Ship clock with radio sector, outer diameter 150 mm, scale diameter 100 mm |
| <b>1048175</b> | Ship clock with radio sector, outer diameter 180 mm, scale diameter 125 mm |

# Communication

**SOLAS regulations apply to all vessels over 300 gross tons engaged on international voyages, where a Global Maritime Distress Safety System (GMDSS) is required.**

These safety systems require:

- EPIRB
- SART
- VHF
- Lifejacket lights
- MOB marker lights

VIKING offers a variety of options which comply with SOLAS GMDSS standards.

## ACR GlobalFix™ V4 GPS, CAT I EPIRB, Automatic release

- Professional grade GMDSS Cat-1 406 EPIRB
- Powerful 6.4 watt 406 MHz frequency
- 66 Channel GPS to pinpointing position
- Includes category 1 sea shelter and automatic
- Hydrostatic release (ACR HRU)
- 10 year battery life
- 5 year warranty on EPIRB (2 year on HRU)
- Requires programming with MMSI#



ITEM NO.: 1062969



### VARIANTS

<b>1010243</b>	ACR GlobalFix™ V4, CAT II, GPS EPIRB, manual release
<b>1078201</b>	GME MT603G manual and water activated
<b>1078201</b>	GME MT603G with GPS, manual and water activated

## PLB/MSLD

- AIS transmission for position plotting
- Transmission for homing: 121.5MHz
- >12 hours transmission
- Battery life time: 5 years

ITEM NO.: 1079603



## PLB/MSLD

- AIS transmission for position plotting
- Transmission for homing: 121.5MHz
- >12 hours transmission
- Battery life time: 5 years
- M100X ATEX & IECEx Zone 2 approved

ITEM NO.: 1079650



## SART

- ACR Pathfinder™ Pro
- Compact size
- Replaceable battery with a 5 year lifespan, non-hazardous
- 96 hour stand-by and over 12 hours operational life
- Waterproof up to 10 metres (33 ft)

ITEM NO.: 1063885



### VARIANTS

1010606	SevenStar S.701-L/R SART for use in liferafts
1065191	ACR Pathfinder™ 3, 2714NH, SART (non-hazardous)
1010607	SevenStar S.701-C/O SART incl. bracket

### RELATED PRODUCTS

1010609	Battery for SART 1010606 and 1010607
---------	--------------------------------------

## VHF Handheld Radio

- 21 channel survival radio
- Model SR203 (ACR #2828) for emergency use only
- Delivered with non-replaceable lithium battery
- Marine grade high impact case
- High contrast/backlit digital display and keypad
- More than 16 hours continuous operation
- 5 year battery life

ITEM NO.: 1052710



### RELATED PRODUCTS

1029531	Spare lithium battery (ACR #1061) for SR203 (2827)
1057322	Spare lithium battery, rechargeable (ACR #1062) for SR203 (2828)

## MED and ATEX approved handheld radios

- ATEX IIA and IIC range - in VHF or UHF
- Robust and durable construction
- IP68 rated (submersible)
- With or without display
- Wide range of accessories available
- MED approved

**New MED regulations per October 2022**



### VARIANTS

1111838	Radio, UHF IIC, MED, Entel DT985FF
1111837	Radio, UHF IIB, MED, Entel DT855FF
1142662	Radio, VHF IIB, MED, Entel DT885FF
1142662	Radio, VHF IIB, MED, Entel DT844FF
1142663	Radio, VHF IIC, MED, Entel DT944FF

### RELATED PRODUCTS

1148114	Throat mic and PTT, ENTEL CXR16/DT9, ATEX and IECEX
1134619	Skull mic and PTT, ENTEL CXR5/DT9

## Intrinsically safe IECEX hand-held radios

- Robust and durable construction
- IP68 rated (submersible)
- IECEX radios available with and without display
- Wide range of accessories available

**Intrinsically safe**



### VARIANTS

1069461	Radio, VHF, Entel 542 IECEX, without. display
1069462	Radio, VHF, Entel 544 IECEX, with. display
1069463	Radio, UHF, Entel 582 IECEX, without. display
1069464	Radio, UHF, Entel 583 IECEX, with. display

### RELATED PRODUCTS

1148114	Throat mic and PTT, ENTEL CXR16/DT9, ATEX and IECEX
1134619	Skull mic and PTT, ENTEL CXR5/DT9



# Storage Boxes

## Equipment Cabinet with Roller Shutter Closing

- Model Jo Bird RS300FE
- Stores 2 x firefighter outfits with SCBA's on hangers
- Made of 3-4 mm GRP
- Weight: 80 kg
- Dimensions: H 2015 x W 1385 x D 460



**ITEM NO.: 1011262**

Lloyds Register type test approval

### VARIANTS

<b>1011250</b>	Cabinet for 2 BA sets and firefighter clothing, JB08FE
<b>1011282</b>	Cabinet for 5 sets of firefighter clothing, JB18FE
<b>1057773</b>	Cabinet for 4 sets of firefighter clothing, JB17.600FE

## Storage Box for Safety Equipment

- Material: Fibreglass
- Typically used for storing fireman's outfit
- For indoor use
- Dimensions: H 50 X W 100 D 50 cm

**ITEM NO.: 1036851**



### VARIANTS

<b>1036852</b>	Storage box for foam inductor packages Dimensions: H 30 X W 100 X D 40 cm
<b>1044993</b>	Box for international shore connection

## Cabinet for Fire Extinguisher

- Model Jo Bird JB01
- Cabinet for 12 kg / 12 L, or 5 kg CO<sub>2</sub> fire extinguisher
- IP56 rated
- Weight: 10 kg
- Dimensions: H 970 x W 470 x D 345 mm



**ITEM NO.: 1026131**

Lloyds Register type test approval

### VARIANTS

<b>1026156</b>	Cabinet for 5 kg CO <sub>2</sub> extinguisher, JB28
<b>1026156</b>	Cabinet for 1 x 5 kg CO <sub>2</sub> extinguisher, JB28
<b>1051164</b>	Cabinet for 1 x 9 kg/L fire extinguisher, SOS101
<b>1050694</b>	Cabinet for 1 x 9-12 kg fire extinguisher, JB82
<b>1049923</b>	Cabinet for 2 x 5kg CO <sub>2</sub> extinguisher, JB02

## Cabinet for Fire Hose

- Material: GRP
- Color: Red
- Includes hanger for hose, spanner and nozzle
- Right side opening
- Dimensions: H 578 x W 563 x D 145 mm

**ITEM NO.: 1071565**



### VARIANTS

<b>1071564</b>	Fire hose cabinet, left side open
<b>1044982</b>	Fire hose box, GRP for outdoor use
<b>1085111</b>	Fire hose cabinet SOS 300

### RELATED PRODUCTS

<b>1032877</b>	Fire hose bracket w. nozzle holder for 1.5" collapsible hose
<b>1032878</b>	Fire hose bracket w. nozzle holder for 2" collapsible hose

## Storage chest for lifejackets and immersion suits

- Model Jo Bird SOS506
- Typically stores up to 6-10 foam lifejackets or immersion suits depending on type.
- Weight: 21 kg
- Dimensions:  
H 78 x W 99,5 x D 62 cm

ITEM NO.: 1070849



### VARIANTS

<b>1059957</b>	Chest for 2 x PS2004 or 2 x PS2006, JB71
<b>1050908</b>	Chest for 6 x PS2004 or 7 x PS2006, JB72
<b>1053600</b>	Chest for 13 x PS2004 or 10 x PS2006, JB73
<b>1037244</b>	Chest for 20 x PS2004 or 15 x PS2006, JB75

## Chest for 20 Lifejackets Type PV9522

- Model Jo Bird SOS510
- Stackable to reduce cost, when transporting more than one box
- Can be moved with a fork lift
- Optional lettering
- Weight: 27.5 kg
- Dimensions:  
H 737 x W 1030 x D 982 mm

ITEM NO.: 1035517



### VARIANTS

<b>1059957</b>	Chest for 18 x PV9522, JB71
<b>1053600</b>	Chest for 68 x PV9522, JB73
<b>1035444</b>	Chest for 80 x PV9522, JB74
<b>1037244</b>	Chest for 108 x PV9522, JB75

## Stretcher Cabinet

- Model Jo Bird JB38
- For basket stretchers
- Made of fibreglass
- Weight: 32 kg
- Dimensions:  
H 2347 x W 766 x D 282 mm

ITEM NO.: 1031026

Lloyd's Register type test approval



### RELATED PRODUCTS

<b>1008912</b>	Basket stretcher
<b>1027587</b>	Spine board stretcher
<b>1008916</b>	Spine board stretcher (Rock)
<b>1020725</b>	Scoop stretcher

## Cabinet for EEBD

- Polycarbonate
- IP rating: IP54
- Dimensions: H 762 x W 282 x D 211 mm
- Lloyd's Register type test approved

ITEM NO.: 1044969

Lloyd's Register type test approval



### VARIANTS

<b>1065170</b>	Cabinet for EEBD, JB81
----------------	------------------------



Maritime photoluminescent safety signs



## **FAST, DIRECT DELIVERY!**

Need signage ASAP? No matter whether you're ordering for a large project or just need a few replacements, we ensure the fastest possible delivery.

# **Leading the way in onboard signage and low location lighting**

## **High-quality products with expert advice**

### **Competitively priced**

Signs, posters or low location lighting – Everlux produces it all in superb quality. So whether you need a standard product or custom-made signage, there's an Everlux product to fit the bill.

Our products aren't just known for their quality and durability – they are also designed to comply with the most stringent regulations and are fully documented.

### **Ask us to help with planning**

Signage is important – and it becomes even more crucial in an emergency. And the regulations can be more than a little complicated, too.

That's why it's necessary to plan positioning, installation and maintenance with the utmost care.

Through our exclusive partnership with Everlux, VIKING can help to ensure correct placement, optimizing safety aboard existing vessels or newbuilds. We'll make sure, for example, you can meet classification society requirements and remove the hassle.



**Mandatory, hazard, safety, fire, first aid, IMO signs and escape route marking are compulsory for commercial vessels. They must be clear, visible and approved by the IMO.**

Photoluminescent sign must provide a luminance of at least 15 mcd/m<sup>2</sup> measured 10 minutes after the removal of all external illuminating sources. In addition, the system must continue to provide luminance values greater than 2 mcd/m<sup>2</sup> for 60 minutes, when measured at the surface of the materials.

Photoluminescent signage must be capable of achieving the required luminance levels through ambient light levels at the place of installation.

Ⓢ Everlux® photoluminescent products are manufactured to the highest technical standards using state of the art equipment to offer the best available photoluminescent quality for safety signs.

These photoluminescent safety signs comply with IMO Resolutions, Solas Convention, ISO Standards, have type approval by Lloyd's Register and are MED certified by DNV.

Multi-lingual signs, additional sizes and materials are available upon request.




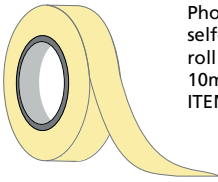
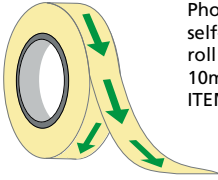


## Low Location Lighting

The spreading of smoke is one of the most dangerous consequences of a fire, making evacuation difficult and in some cases impossible. Under these conditions, visibility is reduced which can cause panic and increasing the evacuation time which is a critical factor in avoiding intoxication and injuries or fatalities.

The Ⓢ Everlux® Low Location Lighting (LLL) system is a unique system that allows all evacuation routes to stay illuminated, thereby communicating a clear, continuous and unambiguous "means of escape" message which leads to a safe place. The location of fire fighting equipment are also clearly marked as part of the system along the escape routes.

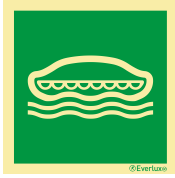
This LLL system is unique in providing consistent information throughout the escape route for a smoother and safer evacuation..

According to IMO Resolution A. 752 (18) all means of egress must be marked with Low Location Lighting system at all points of the evacuation route. The LLL system is also recommended by ISO Standards, namely ISO 15370.

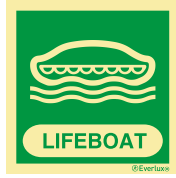
<p><b>Strips for wall marking at floor level</b></p>  <p>LLL strips for wall marking 1000 x 57 mm ITEM NO. S2101</p>  <p>LLL strips for wall marking with directional arrows 1000 x 57 mm ITEM NO. S2102</p>  <p>LLL strips for wall marking with upward arrows 1000 x 57 mm ITEM NO. S2103</p>	<p><b>Rolls for wall marking</b></p>  <p>Photoluminescent self-adhesive vinyl roll 10m x 57 mm ITEM NO. S2131</p>  <p>Photoluminescent self-adhesive vinyl roll 10m x 57 mm ITEM NO. S2132</p>	<p><b>System for floor and stairs marking</b></p>  <p>Non-slip self-adhesive LLL strips for floor marking 1000 x 57 mm ITEM NO. S2151</p>  <p>Non-slip self-adhesive LLL strips for floor marking with directional arrows 1000 x 57 mm ITEM NO. S2154</p>
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# IMO Symbols

Self-adhesive - photoluminescent



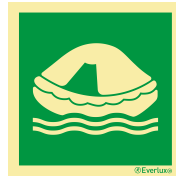
Lifeboat  
150 x 150 mm  
ITEM NO. S0201



Lifeboat - large  
300 x 300 mm  
ITEM NO. S0251



Rescue boat  
150 x 150 mm  
ITEM NO. S0202



Liferaft  
150 x 150 mm  
ITEM NO. S0203



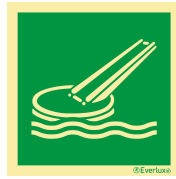
Liferaft - large  
300 x 300 mm  
ITEM NO. S0253



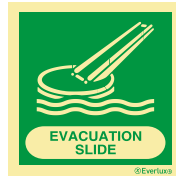
Davit-launched  
liferaft  
150 x 150 mm



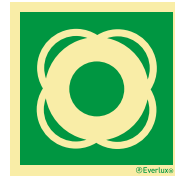
Embarkation ladder  
150 x 150 mm  
ITEM NO. S0205



Evacuation slide  
150 x 150 mm  
ITEM NO. S0206



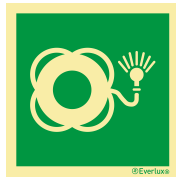
Evacuation slide - L  
300 x 300 mm  
ITEM NO. S0256



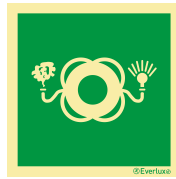
Lifebuoy  
150 x 150 mm  
ITEM NO. S0207



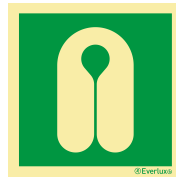
Lifebuoy with  
line  
150 x 150 mm



Lifebuoy with light  
150 x 150 mm  
ITEM NO. S0209



Lifebuoy light & smoke  
150 x 150 mm  
ITEM NO. S0210



Lifejacket  
150 x 150 mm  
ITEM NO. S0212



Child lifejacket  
150 x 150 mm  
ITEM NO. S0213



Immersion suit  
150 x 150 mm  
ITEM NO. S0215



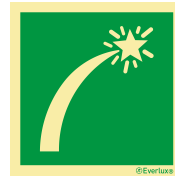
Survival craft portable  
150 x 150 mm  
ITEM NO. S0223



EPIRB  
150 x 150 mm  
ITEM NO. S0219



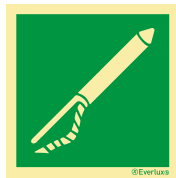
Radio transponder  
150 x 150 mm  
ITEM NO. S0220



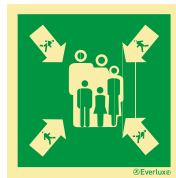
Survival craft distress  
150 x 150 mm  
ITEM NO. S0218



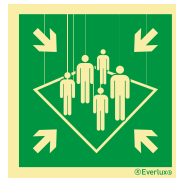
Rocket parachute flares  
150 x 150 mm  
ITEM NO. S0221



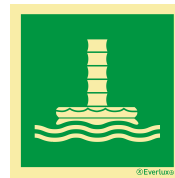
Line-throwing  
appliance  
150 x 150 mm  
ITEM NO. S0222



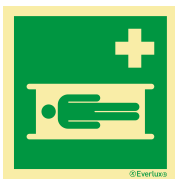
Assembly station  
150 x 150 mm  
ITEM NO. S0361



Assembly station  
150 x 150 mm  
ITEM NO. S0368



Vertical evacuation  
chute  
150 x 150 mm  
ITEM NO. S0224



Stretcher  
150 x 150 mm  
ITEM NO. S0225



Thermal protective aid  
150 x 150 mm  
ITEM NO. S0266



Anti-exposure suit  
(A.E.S.)  
150 x 150 mm  
ITEM NO. S0267



Medical locker  
150 x 150 mm  
ITEM NO. S0226



EEBD  
150 x 150 mm  
ITEM NO. S0227

## Direction Signs



Lifeboat with arrow up on right  
100 x 300 mm  
ITEM NO. S0397



Lifeboat with arrow diagonally down left  
100 x 300 mm



Assembly station with arrow up left  
100 x 300 mm  
ITEM NO. S0386



Assembly station with arrow diagonally down left  
100 x 300 mm  
ITEM NO. S0383



Exit with arrow diagonally up left  
100 x 300 mm  
ITEM NO. S0441

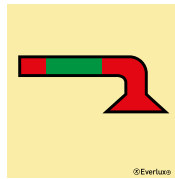


Exit with arrow diagonally down right  
100 x 300 mm  
ITEM NO. S0436

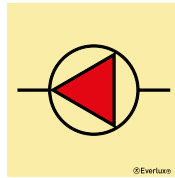
## Fire Control Signs



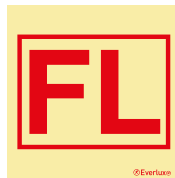
Fire control plan  
150 x 150 mm  
ITEM NO. S1246



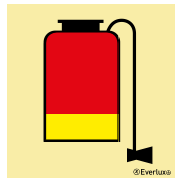
Water fog applicator  
150 x 150 mm  
ITEM NO. S1305



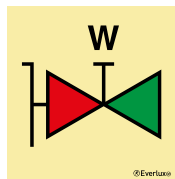
Fire pump  
150 x 150 mm  
ITEM NO. S1033



Fire locker  
150 x 150 mm  
ITEM NO. S1298



Portable foam applicator  
150 x 150 mm  
ITEM NO. S1297



Fire hydrant  
150 x 150 mm  
ITEM NO. S1265

## Fire Signs



Fire extinguisher sign  
150 x 150 mm  
ITEM NO. S1601



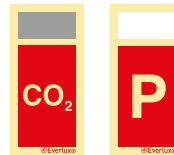
Fire hose reel sign  
150 x 150 mm  
ITEM NO. S1606



Fire blanket sign  
150 x 150 mm  
ITEM NO. S1607



Manually operated call point  
150 x 150 mm  
ITEM NO. S1802



Extinguisher media sign  
75 x 150 mm  
ITEM NO. S1760 and S1762



Number  
75 x 150 mm  
ITEM NO. S1970 - S1979

## Fire ID Signs



Water extinguisher agent ID sign  
200 x 75 mm  
ITEM NO. S1751



Foam Spray extinguisher agent ID sign  
200 x 75 mm  
ITEM NO. S1752



Carbon Dioxide extinguisher agent ID sign  
200 x 75 mm  
ITEM NO. S1753



ABC Powder extinguisher agent ID sign  
200 x 75 mm  
ITEM NO. S1754

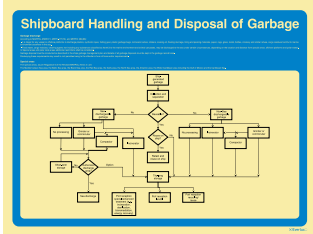


Fire blanket ID sign  
200 x 75 mm  
ITEM NO. S1759



## Safety awareness and training procedures

### Posters



Shipboard handling and disposal of garbage  
300 x 400 mm  
ITEM NO. S6322



Abandon ship  
- ISM safety procedures  
300 x 400 mm



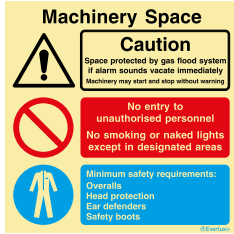
Liferaft launching  
- ISM safety procedures  
300 x 400 mm



Evacuation chutes & slides - ISM safety procedures  
300 x 400 mm  
ITEM NO. S6060

## Deck, Engine Room, Galley and Accommodation

### Signs



Machinery space - warning, prohibition and mandatory sign  
300 x 300 mm  
ITEM NO. S4104



Danger Hot  
100 x 300 mm  
ITEM NO. S3071



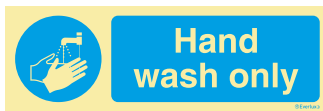
Do not leave garbage here  
100 x 300 mm  
ITEM NO. S4002



Plastic only  
100 x 300 mm  
ITEM NO. S3648



Incineration only  
100 x 300 mm  
ITEM NO. S3652



Hand wash only  
100 x 300 mm  
ITEM NO. S3642



Utensil wash only  
100 x 300 mm  
ITEM NO. S3643

## Safety Signs



Safe for entry  
100 x 300 mm  
ITEM NO. S0350



Drinking water  
100 x 300 mm  
ITEM NO. S0344



Smoking area  
100 x 300 mm  
ITEM NO. S0355



First aid  
100 x 300 mm  
ITEM NO. S0338



Emergency shower  
100 x 300 mm  
ITEM NO. S0333



Pollution control equipment  
100 x 300 mm  
ITEM NO. S0353

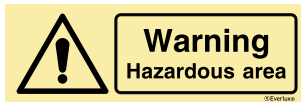
## Hazard Signs



Danger sign  
100 x 300 mm  
ITEM NO. S3051



Danger under maintenance sign  
100 x 300 mm  
ITEM NO. S3057



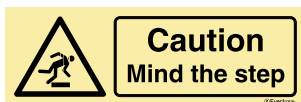
Warning hazardous area sign  
100 x 300 mm  
ITEM NO. S3061



Warning mind your head sign  
100 x 300 mm  
ITEM NO. S3085



Danger explosion risk sign  
100 x 300 mm  
ITEM NO. S3074



Caution mind the step sign  
100 x 300 mm  
ITEM NO. S3083

## Mandatory Signs



Wear head protection sign  
150 x 150 mm  
ITEM NO. S3501



Wear safety footwear sign  
150 x 150 mm  
ITEM NO. S3507



Automatic fire door  
keep clear sign  
150 x 150 mm  
ITEM NO. S3402



Door to be kept locked  
when not in use sign  
150 x 150 mm  
ITEM NO. S3409



Automatic watertight  
door keep clear sign  
150 x 150 mm  
ITEM NO. S3406

## Prohibition Signs



Do not enter sign  
100 x 300 mm  
ITEM NO. S3862



Restricted area authorised  
personnel only sign  
100 x 300 mm  
ITEM NO. S3982



Do not touch sign  
100 x 300 mm  
ITEM NO. S3870



Do not operate sign  
100 x 300 mm  
ITEM NO. S3871



Do not open sign  
100 x 300 mm  
ITEM NO. S3963



No smoking, drinking or eating  
within this area sign  
100 x 300 mm  
ITEM NO. S3966

## Combination Signs



Danger steep ladders sign  
200 x 300 mm  
ITEM NO. S4057



Warning gas under pressure sign  
200 x 300 mm  
ITEM NO. S4053



Danger explosion risk sign  
300 x 300 mm  
ITEM NO. S4081



No smoking and no naked lights sign  
200 x 300 mm  
ITEM NO. S4065



Danger Vehicle fumes sign  
200 x 300 mm  
ITEM NO. S4054

# Safety On Call

Global safety servicing of all products and brands from a single, local point of contact



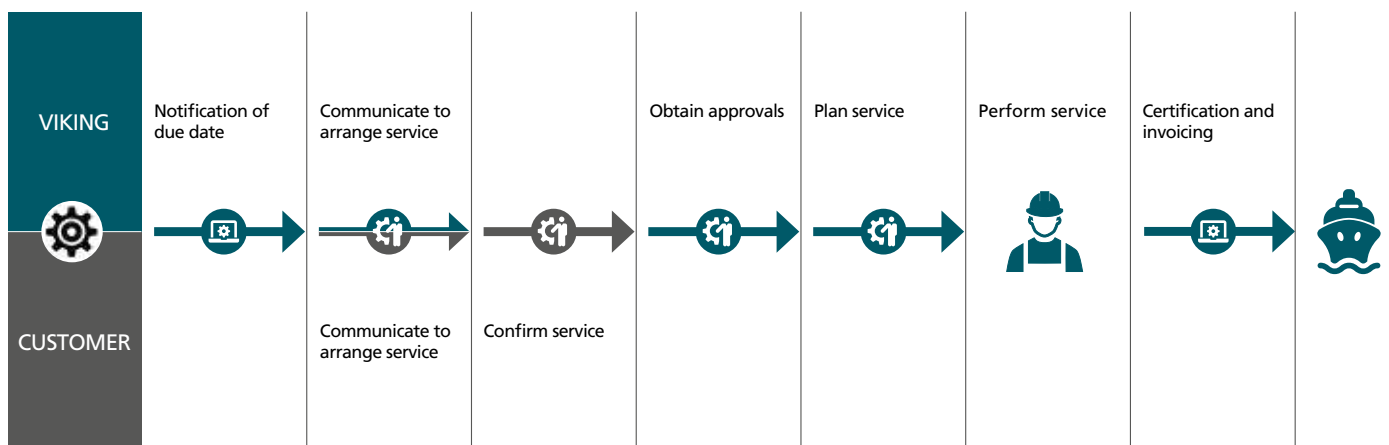
VIKING’s unique network makes it possible for us to cover all your servicing needs from a single point of contact at your local VIKING branch office. Servicing is carried out at a VIKING servicing station or at one of our carefully selected partner for:

- Liferafts
- Lifeboats, hooks and davits
- Immersion suits and lifejackets
- Marine fire equipment
- Fire extinguisher, fixed systems, gas detection, EEBD, breathing apparatus
- Other life-saving appliances

## Convenient servicing of all your safety equipment

Our dedicated planners arrange and book service at any location for consolidated servicing of your multi-brand safety equipment on board. We also perform service visits and ensure that you get quality servicing at the right price.

Example: Liferaft servicing with as Shipowner Agreement





# What can our experts do for you?

## Service booking

- Keep focus on ship schedule
- Notify you of every upcoming service requirement
- Find an appropriate service station
- Automatically coordinate and book service with multiple partners
- Track and trace equipment being serviced

## Follow-up

- Evaluate performance
- Monitor invoices for accuracy

## Station monitoring

- Monitor servicing station performance
- Inspect stations



**Jasmin Puri, VIKING GERMANY,  
Customer Service Planner**

### *Consistent service*

*"My German customers especially appreciate being able to hand me the responsibility of planning the service for all their safety equipment products. They are confident that we are able to meet their deadlines in the most cost-conscious and suitable way.*

*Our customers also value us as partners, because we offer professional and competent consulting service and are always able to provide them with satisfactory solutions."*



**Ailyn Gonzalez, VIKING Americas,  
Customer Service Planner**

### *Smooth routine*

*"My North American customers love that they don't have to worry about managing their safety equipment service because they know that I am keeping an eye on things.*

*I let them know when it's time to have equipment serviced and suggest the most convenient and cost-efficient way to consolidate servicing."*



**Evren Sahin, VIKING Turkey,  
Customer Service Planner**

### *Turkish Shipowners can reach me 24/7*

*"Our customers choose us because we offer reliable global service planning and can get in touch with all other parts of the world in an instant."*

# Liferaft Service

Quality service with attention to detail



## Documentation

- Liferaft is received and registered
- Logbook in the liferaft is completed (proof that the liferaft has been opened and tested)
- Inspection is performed using VIKING approved inspection checklist
- Certificate of re-inspection is issued
- Full documentation for service is archived according to regulations
- Detailed invoice is issued

## Service

- Liferaft is removed from the container and the inflation system dismantled
- Container shell is cleaned and fibreglass is repaired if needed
- Container is relabelled
- Liferaft is inspected inside and out
- Emergency pack is checked and items replaced if expired according to regulations
- Liferaft equipment is inspected and replaced if needed
- Cylinder operating head, valve, knife and release wire is inspected

- CO<sub>2</sub> cylinder is checked for correct content level
- Inflation systems and high pressure hoses are inspected
- Liferaft is deflated, repacked in the container and prepared for dispatch

## Testing

- Liferaft is inflated with compressed air and pressure tested including a 60 min. working pressure test of the lower buoyancy chamber, upper buoyancy chamber and arch chamber
- If the liferaft is equipped with an inflatable floor, this is pressure tested for 60 min.

Liferaft is subjected to specific tests at various intervals according to international regulations.

- Gas inflation test (GI) is conducted every 5 years using the liferaft's CO<sub>2</sub> cylinder to inflate the liferaft
- Necessary additional pressure test (NAP) at double the working pressure rate is conducted at 11 years end then annually thereafter
- Floor seam test (FS) is performed to check the seams of the internal floor and is conducted at 11 years and then annually thereafter



# More options for multi-brand servicing of boats and davits

Want all your safety equipment service managed through a single, global supplier with all the expertise and quality of an OEM?

With the newly combined VIKING Norsafe, certified by DNV-GL, our team of technicians can perform your annual and five-yearly inspections in compliance with all SOLAS regulations and applicable MSC. guidelines, such as MSC.1/Circ.1206/Rev.1 and MSC.1/Circ.1277 for boats, hooks and davits of all multi-brands.

Our highly-trained service technicians are certified to take care of every servicing aspect of your multi-brand boat systems.

And with the wide range of boats, davits and hooks we manufacture and our comprehensive training programs, VIKING covers all your needs.

From booking and administration, through our spares and execution, we manage all of your multi-brand service. And, of course, documentation and dedicated 24/7 support are part of our one-stop package.



## Dry-docking? Hook up with a VIKING Nadiro

Looking for a hook retrofit supplier that can deliver an ultra-safe, turnkey installation almost anywhere in the world with 4 weeks notice or less? Need flexibility if your schedule should suddenly change?

Our patented VIKING Nadiro Drop-in-Ball™ can be fitted or retrofitted on most makes of lifeboats and fast rescue craft. With few moving parts, it's light on procurement, installation, and service costs - and can be fully customized, too.

Find out more at [www.viking-nadiro.com](http://www.viking-nadiro.com)





# Marine fire equipment

## Efficient multi-brand equipment servicing

Regardless how many different marine fire safety items, brands and vessels you need to manage, a VIKING Shipowner Agreement can be tailored to your exact needs, streamlining:

- Service due dates and consolidation
- Multiple vendor planning
- Fluctuating servicing costs
- Regulatory updates

You can even add other equipment as your business changes – all under the same terms and conditions.

### We're there for you

Our highly efficient global service network takes care of all equipment and brands – and a unique, state-of-the-art booking and servicing system ensures unparalleled coordination accuracy.



### With VIKING global service network, you get

- High quality and approved marine fire equipment servicing
- Uniform planning and documentation
- Quick access to firefighting equipment and spare parts
- 24/7 support

# Protective suits and lifejackets

## Flexible and cost-efficient options for smooth operations

VIKING performs high quality servicing of immersion suits and lifejackets at our dedicated stations all across the globe. You can choose between attractive day-to-day rates or customizable fixed price exchange agreements.

### PPE Exchange

Our exchange agreements are an excellent option for shipowners and operators wanting to avoid the hassles and potential cost-fluctuations of PPE servicing. With an exchange agreement, immersion suits due for service are simply swapped with freshly serviced suits, directly at pier, for a fixed price per suits. No need to wait for servicing that can cause costly delays.

Immersion suit models available with the exchange agreement option include the top of the line VIKING YouSafe™ Breeze suit made of PU Coated Nylon and the high quality Neoprene suit VIKING YouSafe™ Wave.



# Evacuation Systems

Evacuation systems and other safety equipment need regular maintenance



Specially trained service engineers in the VIKING network offer the highest level of service with exclusive use of quality parts and equipment. Original VIKING certification and re-certification for servicing helps avoid potentially costly problems with classification surveyors.

## Service agreements

VIKING Life-Saving Equipment offers service agreements for maintenance, re-certification of boarding platforms, liferafts etc. Choose a full service package or have VIKING tailor a solution to fit your needs.

## Certification and re-certification

Servicing of evacuation systems is regulated by IMO SOLAS 1974, as amended, Chapter III, Regulation 20.8, and IMO Resolution A.761(18). Re-certification of system liferafts and boarding platforms must be carried out by certified personnel at a VIKING certified servicing station.





# VIKING Onboard Training Program

**VIKING Safety Academy offers a unique onboard training program. Focusing on emergency training, maintenance procedures and operation of evacuation systems, the training program combines theoretical e-learning and practical training. Everything is logged and facilitated using a cutting-edge Learning Management System. The distinction of different crew roles enables specific training to the individual crew member, increasing confidence and product knowledge.**

The program distinguishes between specific training levels; Onboard Trainer and Designated Crew.

**The Onboard Trainers** are responsible for the daily training onboard, planning and facilitating exercises. They will make sure that the Designated Crew are compliant with their tasks and that their certificates are up to date.

**The Designated Crew** covers crew members that has appointed duties in maintenance or operation of the VIKING equipment onboard. The three levels are offered through our training packages designed for different training needs and crew sizes.

**The Onboard Training Program is available for the following evacuation and emergency systems**

- Conventional Lifeboat
- Fast Rescue Boat
- Freefall Lifeboat

## **Advantages**

- Flexible training set-up
- Compliance with industry training standards, IMO
- Different involvement levels in the training hierarchy
- Direct certificate download upon training completion
- Online access to training records
- Support from VIKING





# STCW Training

**VIKING Safety Academy's complete STCW e-learning courses ensure that your crew is professionally trained according to the latest requirements. Our courses deploy rich media content and high training quality to ensure effective and memorably learning.**

## Stand alone e-learning

Our e-learning courses are offered through [www.VIKING-safetyacademy.com](http://www.VIKING-safetyacademy.com) where you will sign up to create your personal training profile. The courses are purchased and launched directly on the website through your profile. Upon completion you will be able to download your certificate as a PDF for print or storage on your PC. If you wish to enroll and manage a large crew for our e-learning courses and track their training progress you can also choose to sign up a company directly in our Learning Management System.

## Courses offered as stand alone e-learning

- STCW A-VI/5 ISPS Ship Security Officer
- STCW A-VI/6-1 ISPS Familiarization and Security Awareness
- STCW A-VI/6-2 ISPS Designated Security Duties
- STCW ISPS Company Security Officer

## Blended learning courses

The blended learning STCW courses combines theoretical e-learning and practical training at VIKING Safety Academy in Greece. The theoretical modules are launched from VIKING Learning Management System. Completion of the theoretical part will be the admission ticket to attend the practical part of the course at our Academy.

## Courses that are offered as blended learning

- STCW A-VI/1-1 Personal Survival Techniques
- STCW A-VI/1-2 Fire Prevention And Fire Fighting
- STCW A-VI/1-3 Elementary First Aid
- STCW A-VI/1-4 Personal Safety And Social Responsibilities
- STCW A-VI/2-1 Proficiency In Survival Craft and Rescue Boats Other Than Fast Rescue Boats
- STCW A-VI/2-2 Fast Rescue Boat
- STCW A-VI/3 Advanced Fire Fighting

*Design, launch and monitor your company's training on the maritime industry's most advanced e-learning platform.*



# VIKING Learning Management System

**VIKING's Learning Management System ensures flexibility as well as cost efficiency while avoiding delays and exposure to liability. It is cost efficient, can handle a huge set of data including crew record, training completion and certificates. This highly customizable system is accessible both online and offline when the connection is weak or non-existing, which makes training easier and more convenient for the crew.**

### 360 degree system

The Learning Management System (LMS) can handle huge sets of data including crew records, training completions, course material and certificates. All data is administered in user interfaces based on a dashboard and a menu. Tracking and reporting of training activities is available with the option of exporting the data for further analysis. Courses and training programs

The platform contains a variety of VIKING courses and learning programs. Training on the platform consist of e-learning based on rich media content, including videos, pictures, text, links and downloads.

Complete learning programs combine theoretical and e-learning with practical training, that are logged and registered on the LMS. Practical courses can be planned using the classrooms booking function.

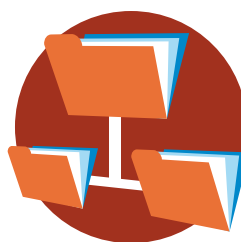
### Dedicated roles and profiles

The LMS grants different accesses based on your company role. Administrators have a full view of all training data, users and track records. Users only have access to their own training and completions. Users can after successful completion of training download their certificates directly from the platform.



#### THE ADMINISTRATOR

A complete dashboard that includes everything you need to effectively manage your training requirements.



#### THE INSTRUCTOR

An immediate overview of all courses you manage.



#### THE LEARNER

Complete assigned courses and measure your progress with the gamification features.

# Content Manager for training development

**VIKING's 24/7 training platform is the only system of its kind that enables you to design and create your own company-specific courses for a wide range of competence training.**

- Create onboard or onsite training that address almost any skills requirement
- Choose from a set of proven templates, layouts and navigation elements - or request new templates for special applications
- Upload a wide variety of media to support training
- Include company-specific equipment for greater relevance
- Design e-learning and practical exercises for effective and educational training
- Maintain a consistent structure to enable easy administration and a consistent user experience
- Revert to older versions of your course, enabling you to safely experiment with new training styles and content
- Seamlessly integrate each new course with your existing course portfolio (same interface, same tracking, measuring and reporting processes)
- Manage your crew, assign training, log results and certificates
- Follow the progress of individual crew members and vessels from land or sea







# Global presence - with local support!

The VIKING network of branches, servicing centers, training facilities and production plants covers all maritime and offshore hubs - worldwide.

So no matter where you sail, VIKING is on hand to provide globally uniform high-quality safety solutions and services – with local support.

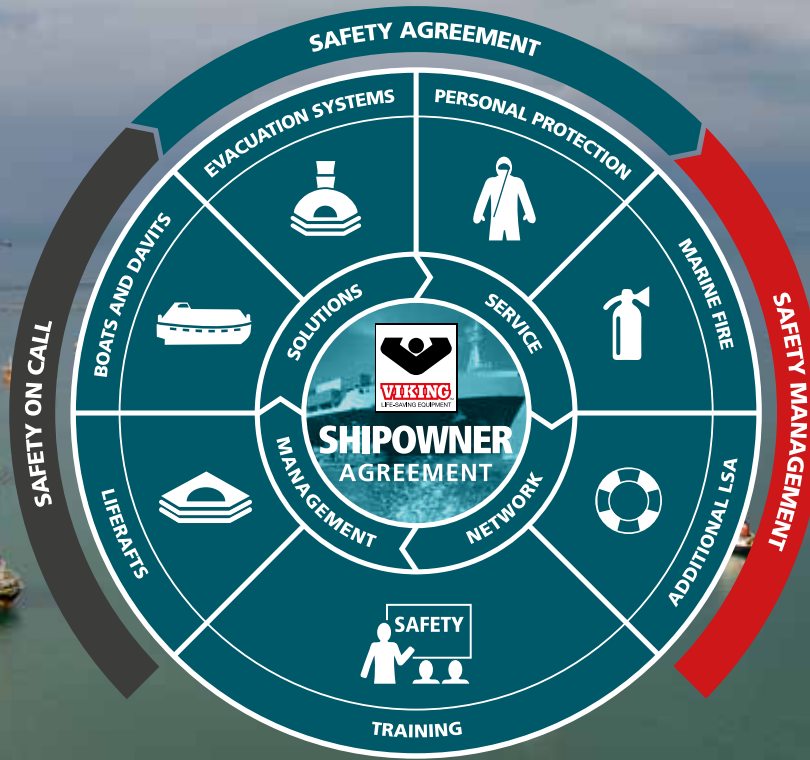
Discover all VIKING locations at [VIKING-LIFE.COM](http://VIKING-LIFE.COM)

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# Your safety is safe with us

In the world of global maritime, safety is first. But to stay competitive in ever more challenging markets, we know that successful operators must continuously maximize efficiencies and reduce cost without compromising performance

With a Shipowner Agreement, you can trust VIKING to streamline and simplify all aspects of safety and compliance. We replace complexity and risk with flexibility and reduce administration - freeing up resources to boost your core business.

## Trust the experts to manage safety

We've got all the safety products, servicing options, worldwide reach and know-how you could need. And it's all delivered by the world's strongest OEM-grade service network.

## Instant advantages

- **Safeguard** your crew through consistently high product and servicing quality
- **Choose** the safety sourcing and servicing solution that suits your business
- **Get** fixed, predictable prices around the world
- **Save** on time and administration
- **Reduce** onshore base logistics via single-point, multi-task servicing and multi-brand servicing with OEM competence
- **Avoid** risk with extra contract flexibility and top-notch compliance documentation

**VIKING LIFE-SAVING EQUIPMENT**  
*Your safety is safe with us*