

The VIKING Offshore Safety Catalogue

VIKING LIFE-SAVING EQUIPMENT - Protecting people and business



Welcome to the

Life-saving equipment is serious business

To choose the right equipment and solutions at the outset, all aspects have to be considered – from design to maintenance.

For when it comes to life-saving equipment for offshore installations, the advice you get is just as important as the products.

VIKING advantage

We make sure you get what you need

Our in-depth knowledge of the offshore industry ensures optimal solutions in all phases – from putting together total packages for newbuildings, producing custom designed evacuation systems, supplying the right combination of personal protective equipment, to professional and convenient servicing and replacement.

When you choose VIKING Life-Saving Equipment you choose a sound long term investment!



Service packages

Total concept service packages provide consolidated servicing of safety equipment on board, including competitive global pricing, handling specifications and service certificates.

One point of contact

Our unique network means that we can cover all your safety equipment servicing needs from point of contact, either through one of our own servicing stations or through VIKING Managed Service.

Contact your local VIKING location for further information.

Optimizing offshore sa

Offshore vessel and infrastructure owners and operators need reliable, smooth operations unaffected by safety equipment servicing requirements.

A business-critical need

For an offshore rig, for example, maintaining production is directly dependent on having compliant, serviced safety equipment at full POB (Persons On Board) capacity.

It's a business-critical factor, yet many offshore companies rely on less-than-optimal in-house administrative processes to handle the complexities of safety equipment servicing which introduces new risks and increases production vulnerability. The unfortunate truth is that handling safety equipment servicing has always been a timeconsuming and hard-to-budget headache for offshore vessel and infrastructure owners and operators.

In fact, the range of products and servicing agreements can be a minefield of hidden costs and complexities, even for the most experienced of offshore safety managers.



fety equipment service



Evacuation systems

Liferafts



Personal protective euipment



Fire safety equipment



Boats, hooks and davits

About the catalogue

VIKING is an innovator in life-saving equipment for a wide range of vessels and offshore installations including fixed and floating platforms, FPSO's, drillships and all types of support vessels.

How to find the information you need to select your offshore 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.

Enquiries can be made either directly through www.VIKINGsafetyshop.com or by contacting the nearest VIKING office or agent who can send a quotation.

VIKING can supply a complete offshore LSA package, including products not listed in this catalogue or our online Safetyshop.

For more information please contact your nearest VIKING office (see page 151) or VIKING Offshore:

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Products in this catalogue are sold by VIKING Life-Saving Equipment A/S, and manufactured by VIKING and others. Only those products explicitly called VIKING in the product name are manufactured by VIKING. Product specifications are subject to change without notice. Actual products or manufacturer may differ from those pictured in the catalogue. Some products may not be available.

Other products may be available upon request.

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Crew can **trust VIKING** safety solutions

VIKING offshore evacuation systems are built in Norway and designed to adhere to the Norwegian NORSOK standards, approved by Lloyd's Register and widely recognized as the toughest offshore safety standards in the world.

Our full product range undergoes rigorous testing including certification through the European Marine Equipment Directive (MarED). Products used in areas exposed to the risk of explosion are, of course, also developed incompliance with the related regulations.

We work continuously to obtain the latest certifications for our products and systems so you can deliver therequired documentation to relevant authorities when needed.

Our extensive range of safety products enables us to put together unique packages to exact specifications and requirements. Local regulations, such as USCG and RMRS, are automatically taken into account by VIKING before we deliver equipment outside the EU.

Pre-approved by Achilles

Achilles is one of the world's leading managers of supplier information offering procurement solutions that are trusted around the world. The Achilles supply chain database is the key tool used by the oil and gas industry's purchasers to source and select suppliers.

The process replaces approved vendor lists and eliminates costly duplication in pre-qualifying suppliers. An ISO 9000:2008 or similar QMS certification is required to for pre-approval. VIKING is recognized as an efficient and reliable supplier to the offshore and marine industry.



For more information about certifications:

- SOLAS (www.imo.org)
- PSA (http://www.ptil.no/ main-page/category9.html)
- NORSOK (www.standard.no)
- Achilles (www.achilles.com)
- MarED (www.mared.org)
- USCG (cgmix.uscg.mil)
- RMRS (www.rs-head.spb.ru)

Expert **servicing** where and when you need it



Key offshore hubs for easy access to safety specialists

VIKING's offshore specialists at strategic locations across the globe provide flexible and efficient servicing of offshore safety equipment, including certification management.

Our unique coverage of the northern offshore corridor via our presence in Esbjerg, Bergen, Aberdeen, Hamburg and Den Helder provide not only service, but also safety solutions based on your safety plan.

- Bergen, Norway
- Esbjerg, Denmark
- Schwei West, Germany
- Aberdeen, UK
- Den Helder, the Netherlands
- Houston, USA
- Singapore
- Karratha, Australia
- Shanghai, China
- Rio de Janeiro, Brazil
- Cape Town, South Africa
- St. John's, Canada

Documentation and certification of the **highest standards**



REGULATIONS AND CERTIFICATIONS

12 572

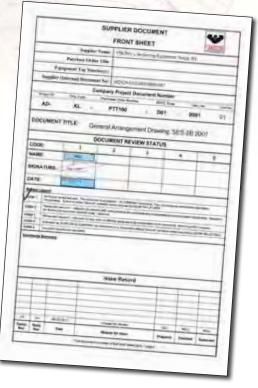
VEISEBON

As built

Our global team of experts works to customize packages that fulfil your needs and according to relevant regulation requirements and offshore standards.

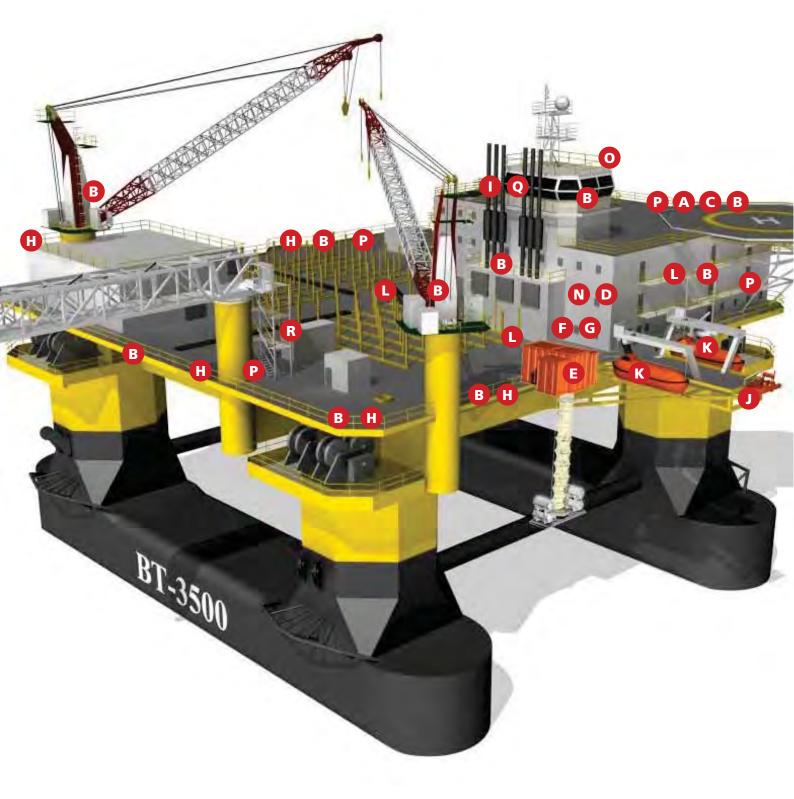
Products are supported by full documentation packages complete with clear and easy to understand instructions and the proper wording for authorities to make your job easier.

At the completion of project deliveries, a final set of drawings and documentation is supplied to finalize the delivery.



Safety packages

Fully documented package solutions can be supplied for offshore installations and supply vessels based on the safety plan. Let our experts help you put together the optimal package for your operation.



SAFETY PACKAGES

Here are	A Helicopter safety equipment	B Fire extinguisher	C Fire suit PS6598	D Lifejacket PV9360		
some of the products that can be supplied:	See page 129 E Evacuation systems	See page 91 F Cabinet for immersion suits	See pages 82 G Box with lifejacket	See page 58 H Lifebuoy and accessories		
	See page 32	See pages 134	See page 134	See pages 116		
Lifebuoy with automatic	J Fast rescue boat	K Lifeboat	L Safety shower and	M Cabinet for		
release (Hammar® system)	See page 43	Please contact us	eyewash station	fire fighting equipment		
N - Personal grab bag	O Windsock	P Basket stretcher	Q Pyrotechnics	R Transfer basket		
- Immersion suit	Please contact us	See page 111	See pages 123	See page 126		

(15)

Offshore evacuation systems

When every minute counts

Every minute counts when a situation requires abandoning an offshore installation. Safely evacuating the maximum number of crew in the shortest amount of time is the priority and key performance indicator of any evacuation system. High capacity lifesaving equipment must be easy to handle while requiring limited involvement by crew. VIKING's evacuation systems provide fast and easy evacuation, exceptional stability and are trusted by offshore crews worldwide.

VIKING offers unique custom designed evacuation systems for safe, simple and reliable evacuation of all types of fixed and floating offshore installations, FPSO's, drillships and special purpose vessels.



SES - chute based evacuation

With the widest range of evacuation chute systems - only VIKING can offer solutions for all installation types

Designed specifically to increase personal safety, our chute based evacuation systems ensure protection against exposure to the elements and a quick and easy descent to sea level.

Our chute-based evacuation systems meet the standards for different operational conditions and are compatible for all types of offshore installations.

With more than 500 evacuation systems installed around the world, VIKING can support an extensive network of locally-based servicing technicians, which means cost-effective and convenient service where and when you need it.

Meets offshore regulations

All VIKING offshore evacuation systems are constructed according to specifications outlined in SOLAS, MODU, the Petroleum Safety Authority Norway (PSA) rules and NORSOK.

System components

Container

The container is the structural interface to the platform deck. It protects the evacuation chute against all types of weather – and for some systems, even against explosions.

The container consists of a load bearing, welded frame which is bolted to a foundation integrated into the deck structure. It can be either in-deck mounted or cantilevered out from the deck edge.

Evacuation chute

The fire retardant Kevlar[®] evacuation chute provides a simple, safe, and fast method of transferring evacuees from deck levels down to sea level. It is divided into cells with speed retarding slides running at opposite angles in a zigzag effect. Openings on each cell located behind the slides provide easy entry and exit at any point on the chute. The design of the chute enables evacuees to wear lifejackets, survival suits, and emergency escape breathing devices (EEBD).

Boarding platform

The boarding platform inflates automatically and acts as the sea reference point where evacuees can await dry-shod transfer to system liferafts or fast rescue crafts. On one of our systems, it can even be used as an ordinary liferaft by cutting the chute guidance ropes.

Release system

Evacuation systems are deployed by opening the locking system and releasing the brake of the gravity driven winch. The simplest system is freefall deployed with a knife or pneumatic cutter.

Stabilising weight

The stabilising weight lies 10-15 m below the waterline when deployed. It keeps the chute taut and reduces sideways motion caused by wind and sea current.

Custom designed evacuation systems with convenient servicing and replacement

SYSTEM	APPLICATION	BLAST RATED CONTAINER	BLAST PROTECTED LIFERAFT	МАХ	SYSTEM WEIGHT (approx.)	DIMENSIONS X, Y,Z WITH LIFERAFTS (MM)	MAX SOLAS EVACUATION CAPACITY IN 10 MIN.	
SES-2A 81 metres	Fixed and floating installations	YES	YES	81 M	12 T	5032 x 5000 x 3900	146 Persons	
SES-2A	Fixed and floating installations	YES	YES	64 M	10 T	4932 x 5000 x 330/2900	159 persons	
SES-2A with movable frame	Floating Installations	YES	YES	64 M	14,5 T	7918 x 5000 x 4785	159 persons	
SES-2B	Fixed and floating installations	YES	NO	50 M	6 T	2565 x 4645 x 2787	159 persons	
SES-2B with sliding frame	Floating Installations	YES	NO	50 M	10,5 T	5200 x 5385 x 3310	159 persons	
SES-2C arctic	Fixed installations	YES	YES	40 M	14,3 T	4947 x 3930 x 5610	140 persons	
SES-2C arctic with HDS	Fixed installations	YES	YES	40 M	27,3 T	7785 x 5930 x 11346	140 persons	
SES-2D	Fixed installations	YES	YES	40 M	9,2 T	4947 x 3930 x 3005	140 persons	
SES BASIC means of escape	Fixed installations	NO	NO	30 M	1,1 T	2090 x 1400 x 1395	Optional raft configuration	
VENOC	Shipshaped installations	NO	NO	40 M	7 T	2526 x 3385 x 2445	125 persons	

As with all other equipment on an offshore installation, the design of the evacuation systems must take a wide range of factors into account. Platform type, installation location, height, special weather conditions as well as the flow of crew in an emergency situation.

VIKING's professional offshore evacuation experts can help you integrate an effective evacuation system for your platform.



BOARDING PLATFORM	SOLAS LIFERAFTS	INSTALLATION		INTEGRATED SERVICE RAIL	RETRIEVABLE WINCH	HEAT TRACING	ISOLATED WALLS/ DOOR	DEPLOYMENT
YES 35 persons	2 or 4 of 12, 16, 20, 25, or 35, 50 persons "A-Pack" or "B-pack"	Cantilevered	-20°C to +65°C	YES	YES	OPTIONAL	NO	SEA
YES 35 persons	2 or 4 of 12, 16, 20, 25, or 35, 50 persons "A-Pack" or "B-pack"	Cantilevered	-20°C to +65°C	YES	YES	OPTIONAL	NO	SEA
YES 35 persons	2 or 4 of 12, 16, 20, 25. or 35, 50 persons "A-Pack" or "B-pack"	Flush with Rigside when stowed. Cantilevered in deployed position	-20°C to +65°C	YES	YES	OPTIONAL	NO	SEA
YES 35 persons	2 or 4 of 12, 16, 20, 25, or 35, 50 persons "A-Pack" or "B-pack"	In deck	-20°C to +65°C	NO (Optional Service Rail Tower)	YES	OPTIONAL	NO	SEA
YES 35 persons	2 or 4 of 12, 16, 20, 25. or 35, 50 persons "A-Pack" or "B-pack"	Flush with Rigside when stowed. Cantilevered in deployed position	-20°C to +65°C	NO (Optional Service Rail Tower)	YES	OPTIONAL	NO	SEA
YES 25 persons	2 or 4 of 12, 16, 20, 25. or 35 persons "A-Pack" or "B-pack"	Cantilevered	-40°C to +65°C	YES	YES	YES	OPTIONAL	SEA, NON- MOVING ICE AND STAND BY VESSELS
YES 25 persons	2 or 4 of 12, 16, 20, 25. or 35 persons "A-Pack" or "B-pack"	Flush with Rigside when stowed. Cantilevered in deployed position	-40°C to +65°C	YES	YES	YES	OPTIONAL	SEA, NON- MOVING ICE AND STAND BY VESSELS
YES 25 persons	2 or 4 of 12, 16, 20, 25. or 35 persons "A-Pack" or "B-pack"	Cantilevered	-40°C to +65°C	YES	YES	YES	OPTIONAL	SEA
YES 25 persons	Optional throw- overboard liferafts -SOLAS	Cantilevered with frame or in deck	-20°C to +65°C	NO	NO	OPTINAL	NO	SEA
N/A	50/100 persons	Flush with ship side when stowed. Cantilevered in deployed position	-20°C to +65°C	NO (Optional Service Rail Tower)	YES	NO	NO	SEA

Offshore evacuation systems

when every minute counts



When the helicopter has taken off...



and the lifeboat has left...



-

You can count on VIKING's Offshore evacuation system.

Always accessible... even for the last man standing!

Offshore **evacuation** designed for your **specific needs**

The diversity within the global offshore industry requires safety solutions that are adaptable to meet individual client expectations. The offshore sector is constantly changing, new innovations for installation types and production systems enable exploration in areas that were previously inaccessible. This development leads to a change in requirements for safety and rescue equipment. The development of VIKING's offshore evacuation systems will always be ahead of market demands, while maintaining compliance with national and international regulations.

Our evacuation solutions can easily be configured to meet the various demands such as increased installation heights, increase in personnel weight, requirements for electrical installation and polar conditions.

INTERNATIONAL REGULATIONS

- IMO-SOLAS
- MODU
- IMO LSA CODE

INTERNATIONAL STANDARDS

- PSA
- NORSOK
- NORMAN
- NOPSEMA
- UK-HSE
- USCG

APPROVALS

- LLOYD's REGISTER
- APPROVAL ACC. TO MSC.71
- SOLAS REGULATIONS
- LSA CODE
- IMO RESOLUTION MSC.81(70)

INSTALLATION TYPES

- FIXED INSTALLATIONS
- FLOATING INSTALLATIONS

INSTALLATION AREAS

- Zone 1, 2
- ATEX, IECEX CERTIFIED
- BLAST RATED OPTIONS

HIGH TRANSFER CAPACITY

- EASY OPERATION 159 PERSONS IN 10 MIN. TOTAL OVERALL CAPACITY 200 PERSONS IN MINUTES AND 23 SECONDS
- INSTALLATION HEIGHT 5-81 METRES

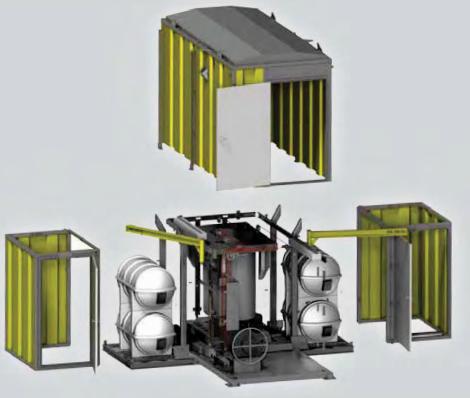
POLAR SOLUTIONS

- HEATED LIFERAFTS
- HEAT TRACING
- INSULATION
- SPACE HEATERS

GLOBAL SERVICE NETWORK

Optional Features for SES-2A

- Side protection for blast proof capability up to 0.45 barg
- ATEX light fixtures with emergency battery pack
- Radio communication cabinet for VHF
- PLB tracking and monitoring system
- Service rail for handling of liferafts during maintenance and with option for handling stretchers





- Unique high capacity evacuation system for maximum evacuation heights
- Complete with integrated liferafts, fire retardant chute and blast proof container
- Suitable for installation in production areas
- Type Approval Certified by Lloyd's Register and Russian RMRS



VIKING SES-2A



Liferafts are lowered with the chute



For fixed and floating platforms

The SES-2A is specially designed for fixed and floating offshore installations and comes complete with a fire retardant chute and integrated liferafts stored inside the blast proof container.

It offers controlled launching and recovery in temperatures from-20°C to +65°C and can evacuate up to 159 persons in 10 minutes. Total overall capacity of 200 persons in 12 minutes and 23 seconds.

Features

- Robust high capacity transfer system
- For fixed and floating installations
- Max. evacuation height of 81 metres
- Operating temperatures from -20°/-30° to +65°C
- Ready for cantilevered installation
- Integrated liferafts
- Blast proof container
- Max. evacuation capacity: 159 persons in 10 minutes. Total overall capacity: 200 persons in 12 minutes and 23 seconds.

The VIKING SES Systems have the following patents: US Patent No. 8316991B2 NO Patent No. 321073B1



High capacity system with movable frame

Flush with rig side when stowed

Cantilevered from side when deployed

VIKING SES-2A with movable frame





For offshore installations where all equipment must be stored within the deck of the installation

Stored hydraulic power moves the evacuation system into cantilevered position for deployment, and after use retracts the system onto the deck. It comes complete with a fire retardant chute and integrated liferafts stored inside the blast proof container.

It offers controlled launching and recovery in temperatures from -20°C to +65°C and can evacuate up to 159 persons in 10 minutes. Total overall capacity of 200 persons in 12 minutes and 23 seconds.

Features

- Robust high capacity transfer system
- FPSOs, fixed and floating installations
- Max. evacuation height of 64 metres
- Operating temperatures from -20°C to +65°C
- Flush with rig side when stowed and cantilevered when deployed
- Integrated liferafts
- Blast proof container
- Max. evacuation capacity: 159 persons in 10 minutes. Total overall capacity of 200 persons in 12 minutes and 23 seconds.



VIKING SES-2B





Launching begins. Liferafts are lowered with the chute

For fixed and floating platforms

The SES-2B is specially designed for fixed and floating platforms with evacuation heights - for the standard version - up to 50 metres.

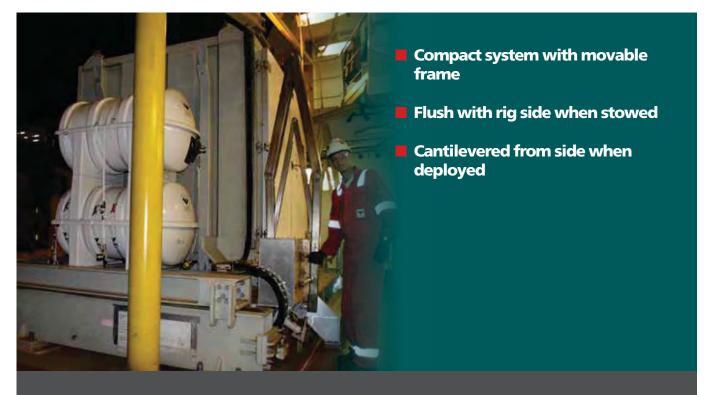
The evacuation system comes complete with a fire retardant chute and integrated liferafts safely stored outside the container.

It offers controlled launching and recovery in temperatures from -20°C to +65°C and can rapidly evacuate up to 159 persons in 10 minutes. Total overall capacity of 200 persons in 12 minutes and 23 seconds.

Features

- Compact and lightweight transfer system
- Fixed and floating installations
- Max. evacuation height of 50 metres
- Operating temperatures from -20°C to +65°C
- Integrated liferafts
- Max. evacuation capacity: 159 persons in 10 minutes. Total overall capacity 200 persons in 12 minutes and 23 seconds.

The VIKING SES Systems have the following patents: US Patent No. 8316991B2 NO Patent No. 321073B1



SES-2B with sliding frame



A hydraulic slide moves the evacuation system into cantilevered position for deployment.

For offshore installations where all equipment must be stored within the deck of the installation

The system comes complete with a fire retardant chute and integrated liferafts safely stored outside the container. The hydraulic slide moves the evacuation system into cantilevered position for deployment, and after use, retracts the system onto the deck.

It offers controlled launching and recovery in temperatures from -20°C to +65°C and can rapidly evacuate up to 159 persons in 10 minutes Total overall capacity of 200 persons in 12 minutes and 23 seconds.

Features

- Compact and lightweight transfer system
- For all installation types
- Max. evacuation height of 50 metres
- Operating temperatures from -20°C to +65°C
- Flush with rig side when stowed and cantilevered when deployed
- Integrated liferafts
- Max. evacuation capacity: 159 persons in 10 minutes. Total overall capacity of 200 persons in 12 minutes and 23 seconds.



VIKING SES-2C arctic



The VIKING SES Systems have the following patents: US Patent No. 8316991B2 NO Patent No. 321073B1

The VIKING Polar Liferaft has the following patents: DK Patent No. 176716B1 CH Patent No. 101795934B Patent Pending EP

For fixed installations

VIKING has developed a new evacuation system specifically designed for frozen waters and harsh arctic environments. Severe winters can limit rescue operations and winter ice makes the use of free fall lifeboats impossible. VIKING has therefore modified its already proven offshore chute system to cope with the special conditions encountered when evacuating by chute directly onto a ship.

Features

- A counterweight system automatically compensates for differences in height when the ship moves
- No power required to deploy the system
- Max. evacuation height of 43 metres
- Operating temperatures from -40°C to +65°C
- Blast proof container
- Special heat tracing to prevent freezing around critical areas
- Integrated liferafts
- Max. evacuation capacity: 140 persons within 10 minutes

VIKING SES basic means of descent to sea level

Basic escape system for fixed installations up to 30 metres

Small, lightweight container appropriate for reduced spaces. Operational in air temperatures ranging from -20°C to +65°C. Standard capacity of boarding platform: 25 persons, expandable with the use of additional throw-overboard liferafts. Comes with a fire retardant chute.

SES Basic

VIKING can deliver turnkey solutions for upgrading safety levels on existing platforms. A ramp installed with the SES Basic allows for a cost-effective solution as it eliminates the need for new drawings. Liferafts can be connected to the system after deployment. The boarding ramp can also be used as a liferaft by cutting the ropes.

Special features

- Small, lightweight basic transfer system
- For fixed installations
- Max. evacuation height of 30 metres
- Operating temperatures from -20°C to +65°C
- Unlimited capacity for transfer to sea level. Boarding platform holds 25 persons.
- Evacuation capacity can be expanded with additional throw-overboard liferafts

Container

The container is the structural interface to the platform deck. It protects the evacuation chute against all types of weather and consists of a load bearing welded frame for bolting onto a foundation integrated into the deck structure. It can be in-deck mounted or cantilevered out from the deck edge.

Fire retardant evacuation chute

The evacuation chute provides a simple, safe and reliable method for transferring evacuees from deck levels down to sea level. It is divided into cells with speed restricting slides running at opposing angles in a zigzag effect. Openings in the chute located behind each slide, provide easy entry and exit at any level. The speed restricting slides also permit evacuees wearing lifejackets, protective suits and breathing apparatus to pass safely through the chute. The length of the chute is calculated to allow for sideways motion under the influence ofstrong wind and current conditions.



The container protects the evacuation chute against all types of weather



Release system

The system is drop released using a special knife or pneumatic cutter. After the strap has been cut the stabilising weight, boarding platform and chute fall freely down to sea level.

Boarding platform

The boarding platform inflates automatically and acts as sea reference point where evacuees can await dry-shod transfer to throw-overboard liferafts or fast rescue boats.

Stabilising weight

The stabilising weight is attached to 3 ropes at the base of the chute and hangs below the waterline when deployed. It keeps the escape chute taut and reduces side sideways motion caused by wind and sea current. This unit must be serviced annually.

The VIKING SES Systems have the following patents: US Patent No. 8316991B2 NO Patent No. 321073B1

Selstair™ multi-purpose access system

Takes safety to a higher level with a collapsible staircase

Selstair[™] access system

The Selstair[™] multi-purpose access system consists of a collapsible staircase that can be lowered from the platform directly to the sea or between decks to transfer personnel effectively.

It features

- Increased safety and capacity compared to traditional methods such as conventional ladders and baskets.
- Remote launching and rapid deployment are considerable advantages when disembarking or boarding offshore installations.



Deployment

The system is deployed by gravity alone. Electrical power is only needed for retrieval. Non-slip aluminium steps and landings, handrails and safety net around the staircase enable safe passage for all.

Easy maintenance and service

Stairs are stored inside the container when not in use, which protects the system from the harsh environment and keeps maintenance at a minimum. Selstair has few movable parts, which makes maintenance easier.



Deck-to-deck transfer - with minimum use of deck space

Selstair[™] can be lowered from one deck to another making it ideal for deck-to-deck transfer. Compared to a regular staircase or ladder, the Selstair system does not take up valuable deck space that could otherwise be used for piping or general work space. It is stored in a container, when not in use.

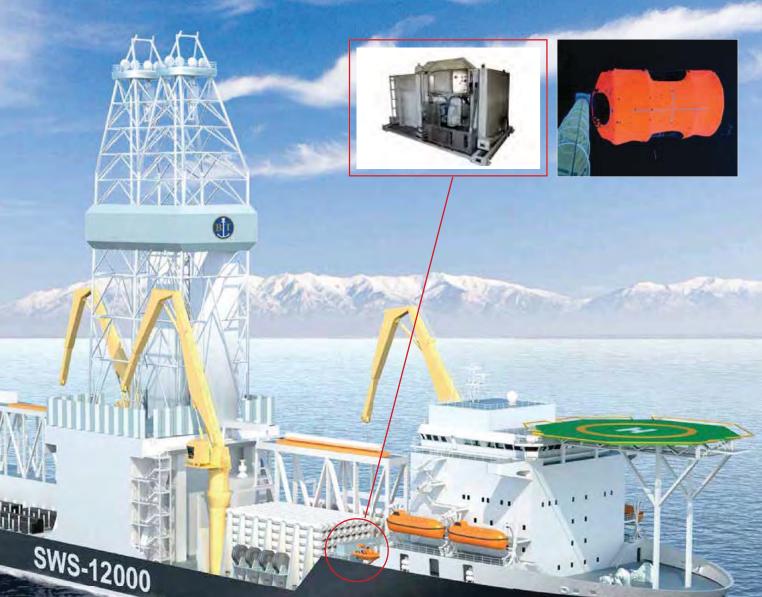
Access security

With piracy and anti-terrorism high on the agenda, access security is essential. Selstair[™] eliminates the threat of unauthorized persons gaining access, since it has no ladders that could be used to enter a platform. The Selstair[™] access system only deploys with the corresponding remote control and it is therefore a secure and optimal solution for unmanned platforms with restricted access.



Maintenance and repair

The Selstair[™] allows for safe deployment and access to every part of the platform including areas that have otherwise been considered dangerous for maintenance personnel. All components of the system are stored inside a container that is easily moved from one place to another. So if you need access to e.g. the installation's legs for inspection or to conduct maintenance and repairs, this is the perfect solution. **EVACUATION SYSTEMS**



VENOC

High capacity evacuation system for FPSO's, drillships and special purpose offshore vessels

VENOC is the most flexible evacuation chute system available for vessels today. It can be used at evacuation heights between 5-40 metres and is certified for damage conditions of 18 degrees trim and 20 degrees list.



See a presentation of the VENOC system

EVACUATION SYSTEMS



1) VENOC stowed position



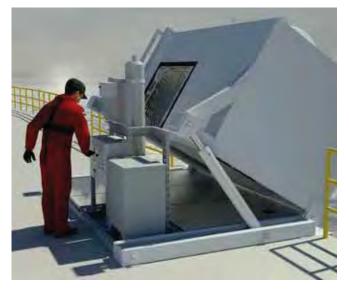
3) VENOC deployed

Specially designed for ship-shaped offshore installations

The VENOC evacuation system is installed on the open deck or between decks with only four small footprints (bolted to the installation deck). A hydraulic arrangement tilts the evacuation system into position for deployment. The main self-righting liferaft is connected to the buoyancy device and inflates automatically at sea level – making it simple to board. No bowsing lines or welded connection points on the ship's side are necessary.

Special features*

- Compact and "one go" system
- FPSO's, drillships, special purpose offshore vessels, wind turbine ships, and installations
- Flexible evacuation heights from 5 to 40 metres



2) VENOC container tilt



4) VENOC deployed

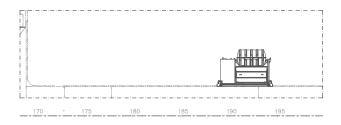
- No bowsing lines or welded connection points on ship's side
- Neutral at 18° trim and 22° list conditions. Excess chute rings are simply stacked in the buoyancy device
- Operating temperatures from -20°C to +65°C
- Flush with ship side when stowed and cantilevered when deployed
- Integrated 50 or 100 person self-righting liferafts
- Optional steering line to guide direction of main liferaft
- Max. evacuation capacity: 125 persons within 10 minutes
- Additional drop liferaft (optional) increases capacity
- Chute test according to SOLAS/LSA and with EU wheel marking certificate, USCG-EU MRA
- Classification: Lloyd's Register

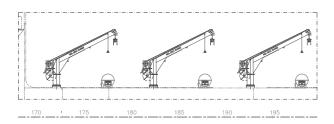
Exploiting deck space

Improved safety with a smaller footprint

The VENOC evacuation system meets the demand for a safe and effective evacuation capacity with a small footprint. This results in a safer and a more cost effective alternative to traditional evacuation methods. Most floating offshore installations require liferaft capacity on each side to accommodate the total number of persons on board.

The VENOC replaces conventional survival craft and launching methods with a less stressful evacuation process.





There space

15 metre deck space

3,7 metre deck space

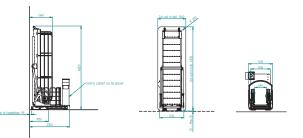


Vertical model of the gangway

Crew member gangway

Choose between horizontal and vertical models

- Hydraulic platform of steel that tilts 90° and rotates up to 170° and an extendable telescope of aluminum with a reach of 12 m or 9 m
- Controlling system tilts the platform with the telescope, swings the platform, lowers and extends the telescope, adjusts pressure and free float function



Vertical type

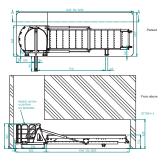
The gangway is stored vertically. When needed, the platform is moved into a position of between 5-170° and can be lowered to an angle between 0-35°.

Measurements

System dimensions Weight Length walkway Height at 35° Maximum swing

3895 x 1890 x 1575 mm 1600 kg 9050 mm 5130 mm 80°

- Hydraulic cabinet in aluminium that contains aggregate, manually operated valves, electrical cabinet for 230-460V and heat dissipation to air max 530W
- Type approved DNV ISO 7061 (Certificate no. S-6728)



Horizontal type

The gangway is stored vertically on its side. When needed, the platform is moved into a position of between 5-170° and can be lowered to an angle between 0-35°.

Measurements

System dimensions 12 m: 6200 x 1665 x 1367 mm 9 m: 5200 x 1665 x 1367 mm Weight 1600 kg Length walkway 12 m: 11650 mm, 9 m: 8820 mm 12 m: 6700 mm, 9 m: 5020 mm Height at 35° Maximum swing 170° Internal width of walkway 624 mm

(35)

Liferafts

VIKING's throw-overboard and davit-launchable liferafts are available in a standard version and a top of the line automatically self-righting version.

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

Liferafts are subjected to rough sea trials, wind velocity tests at forces of 30 metres per second and deployed at extremely low temperatures.

LIFERAFTS

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VIKING Throw-overboard Liferaft

The VIKING DK+ liferaft is released from its cradle and thrown overboard, or slides automatically when released. Once waterborne, the liferaft inflates upon a firm pull of the painter line and is then ready for boarding



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

VARIANTS	
L006D00	6 person throw-overboard liferaft
L008D00	8 person throw-overboard liferaft
L010D00	10 person throw-overboard liferaft
L012D00	12 person throw-overboard liferaft
L016D00	16 person throw-overboard liferaft
L020D00	20 person throw-overboard liferaft
L025D00	25 person throw-overboard liferaft
L035D00	35 person throw-overboard liferaft
RELATED PRO	DDUCTS
L025DS0	25 person self-righting throw-overboard liferaft
L039DS0	39 person self-righting throw-overboard liferaft

Open Reversible Liferaft/Inflatable Buoyant Apparatus (IBA)



- 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 DKR open reversible liferaft is not a SOLAS approved product but is approved according to local authorities and flag states.
- The DKR liferaft are available in standard round rigid fiberglass 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
25+50 PERSON	RDV, TC Canada approved
RELATED PRODU	стѕ
-	-

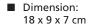
VIKING Davit-launchable Liferaft

- The VIKING DKF+ liferaft is to be connected to the davit and then inflated at deck level, thus enabling the passengers to board the liferaft from deck. The liferaft is then launched into the water
- Designed to be inflated on deck level and 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: 12-39 persons

VARIANTS	
L012DF00	12 person davit-launchable liferaft
L016DF00	16 person davit-launchable liferaft
L020DF00	20 person davit-launchable liferaft
L025DF00	25 person davit-launchable liferaft
L035DF00	35 person davit-launchable liferaft
L025DFS0	25 person self-righting davit-launchable
L039DFS0	39 person davit-launchable liferaft
RELATED PRO	DDUCTS
1006148	Liferaft davit for 12 - 16 person liferaft, type SCM 14-3,5L
1006149	Liferaft davit for 20 - 25 person liferaft, type SCM 21-4,0L
1006150	Liferaft davit for 35 - 39 person liferaft, type SCM 33-4,0L
1006553	Release hook for rescue boats and liferafts, max. SWL: 3500

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, but needs replacement every other year. Simple to install and clearly marked with an expiry date
- Weight: 339 g



ITEM NO.: 1003641



VARIANTS	
1038306	Hydrostatic release unit for EPIRB, Hammar® H20, MCA og USCG approved
RELATED P	RODUCTS
-	-

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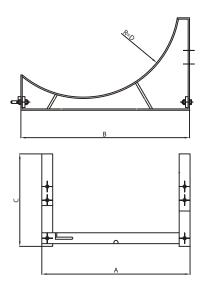
Emergency pack contents

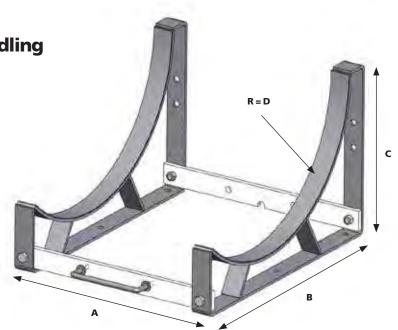
See the contents needed for SOLAS A Pack according to liferaft size

				SO	LAS	A Pa	ck lif	eraf	t							
Contents	6	8	10	12	16	20	25	35	37	39	50	51	100	101	150	153
				Eme	ergenc	y pac	c equi	pmen	t		1	1		1		
Parachute rocket signals	4	4	4	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	6	6	6
Signal lamp	1	1	1	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	2	2	2
Bulb (spare) for signal lamp	1	1	1	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	1	1	1
Signalling mirror	1	1	1	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	25.5	50	50.5	75	76,3
Drinking water (ltr)	9.5	12.5	15.5	18.5	24.5	30.5	38	53	55.5	58.5	79	79	150	151.5	225.5	230
Drinking cup	1	1	1	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	3	3	3
Fishing tackle	1	1	1	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	1	1	1
Anti-seasickness tablets	36	48	60	72	96	120	150	210	222	234	300	306	600	606	900	918
Bailer	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Sponges	2	2	2	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	1	1	1
Table of life-saving signals	1	1	1	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	1	1	1
Scissors	1	1	1	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	2	2	2
Seasickness bags	6	8	10	12	16	20	25	35	37	39	50	51	100	101	150	153
Survival bags	2	2	2	2	2	2	3	4	4	4	5	6	10	11	15	16
Buoyant safety knife	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
					Lifera	aft equ	uipme	nt								
Bailer	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1
Radar reflector	1	1	1	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	1	1	1
Sea anchor and cord	1	1	1	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	3	4	4	4	4
Paddles (pcs.)	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4
Repair kit	1	1	1	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	2	2	2
Rescue quoit and line	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1
Water bags (set)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Desalter	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	1

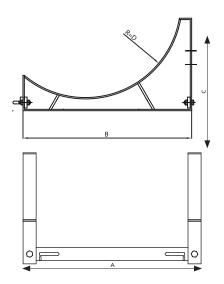
Cradles

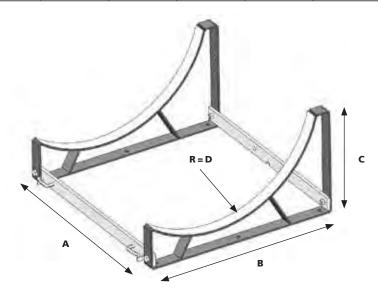
Flexible storage and easy handling





4-25 DK	, Cradle								
Part no.	Cradle incl. Lashing no.	Container type	А	В	с	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

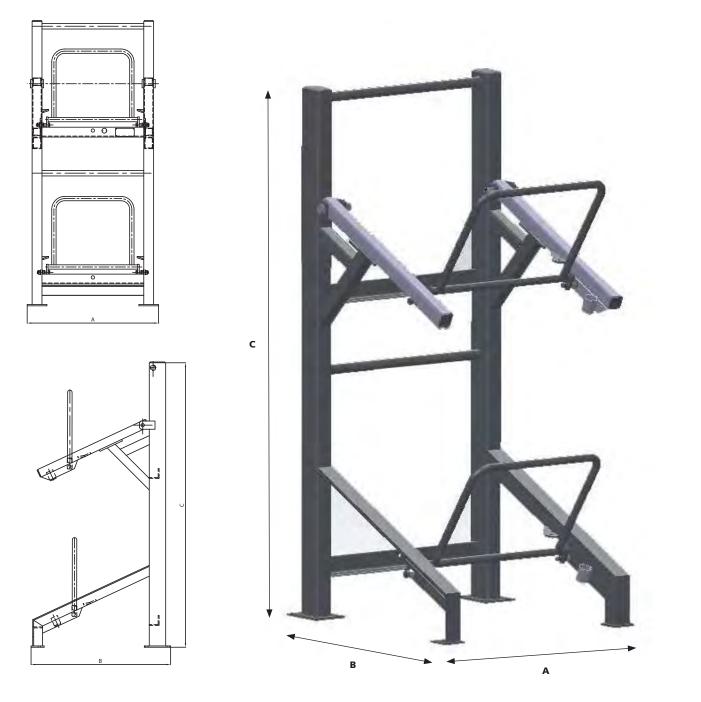




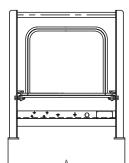
12-35 D	12-35 DKF, Cradle								
Part no.	Cradle incl. Lashing no.	Container type	А	В	с	D	Pack type	Surface	Weight
1014188	1004327	35 DKF	635	740	430	410	А	Galvanized	14 kg
1011919	1011920	35 DKF	690	620	340	360	В	Galvanized	11 kg
1004361	1000014	16, 20, 25 DKF	545	620	340	360	A+B	Galvanized	11 kg
1004360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

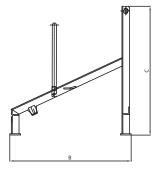
Column racks

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



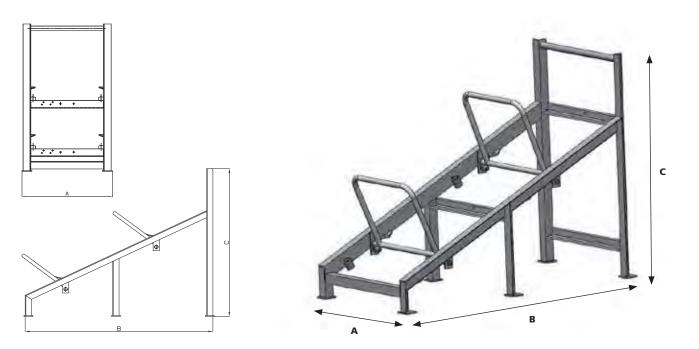
Column								
Part no.	Lashing no.	Container type	А	В	с	Pack type	Surface	Weight
1014868	1014867	35 DK/DKS/DKF	830	906	2200	A+B	Galvanized	200 kg
1014765	1015784	10, 12, 16, 20, 25 DK/DKF	800	850	1742	A+B	Galvanized	110 kg







Single Ra	Single Rack							
Part no.	Lashing no.	Container type	А	В	с	Pack type	Surface	Weight
1015750	1004208	25 DKS, 35 DK/DKF	820	920	958	A+B	Galvanized	52 kg
1015199	1000013	16, 20, 25 DK/DKF	760	790	838	A+B	Galvanized	35 kg



Double R	Double Rack							
Part no.	Lashing no.	Container type	А	В	с	Pack type	Surface	Weight
1014756	1014459	50 DKS, 35 DK/DKS	820	1840	1340	A+B	Galvanized	105 kg
1014756	1026580	35 DKF	820	1840	1340	A+B	Galvanized	105 kg
1015772	1004164	12,16, 20, 25 DK/DKF	760	1510	1174	A+B	Galvanized	68 kg

One safety solution. One global partner.



A VIKING Offshore Safety Agreement is a uniquely customizable concept that incorporates safety products, single-source management and global financing in a variety of fixed price structures.

The concept is designed to help you focus on your operations. You can choose among its many options to free your mind from worries about service due dates, multiple vendor planning, fluctuating servicing costs and other administrative tasks.

And get added peace of mind with a single point of contact for your servicing needs across the globe.

VIKING LIFE-SAVING EQUIPMENT - Protecting people and business

The next generation of 24/7 on board training - now with build-your-own course capability



Now there's an efficient onboard e-training system your crew can use to train at any time – whether they're at sea or on shore, online or offline.

You can also **track**, **assess and schedule** training from anywhere – onshore or offshore.

Our 24/7 onboard solution provides the most cost-effective training and real-time overview of crew certifications and training status including:

- OODTP for ERRV
- STCW onboard refreshment
 Your own, fully customizable courses





ONBOARD TRAINING www.saatsea.com



Boats, davits and accessories

Palfinger RSQ475G MOB Boat, Inboard Diesel



- Fully equipped according to SOLAS regulations
- Rigid rescue boat, made of fibreglass (E-glass)
- Double hull construction filled with polyurethane foam
- Includes equipment according to regulations
- Lifting arrangement: Sling or hoist frame (optional)
- 32 HP inboard diesel engine (alternative 59 HP)
- Boat cover available upon request
- Different fender types available upon request
- Dimentions: L 495 x W 193 x H 215 cm
- Weight: 1,565 kg. (with a 32 HP engine)

ITEM NO.: 1050547

VARIANTS	
-	Palfinger RSQ 475 A (aluminium) MOB boat
RELATED P	RODUCTS
-	-

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Palfinger RSQ 450 G MOB Boat

- Rigid rescue boat, made of fibreglass
- Double hull construction filled with polyurethane foam
- Includes equipment according to regulations
- Lifting arrangement: 4 leg lifting sling
- Delivered with engine (up to 40 HP) upon request
- Boat cover and steering console available upon request
- Dimensions: L 489 x H 101 x 175 cm
- Weight: 369 kg (with a 25 HP engine)

ITEM NO.: 1055421

Hatecke RB400 rigid MOB boat

- Basic lightweight MOB boat delivered with 15 HP engine and canvas boat cover
- Weight: 435 kg (incl. engine and equipment)
- Dimensions: L 450 x W 190 x H 130 cm (outer dimensions)

ITEM NO.: 1052230



VARIANTS	
1050934	Narwhal SV-420 semi-rigid rescue boat
RELATED P	RODUCTS
1052229	Galvanised cradle with lashings for Hatecke RB400 MOB boat
1006553	CAR 35 release hook for rescue boats and liferafts, SWL: 3600

VARIANTS				
1061152	Palfinger RSQ 450 A (aluminium) MOB boat			
RELATED PRODUCTS				
-	-			

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Narwhal SV-420 Semi-Rigid MOB Boat



- Excellent manoeuvrability with high freeboard
- Spacious deck
- Delivered with boat cover
- Dimensions: L 420 x H 100 x W 207 cm
- Weight: 421 kg (fully equipped, without engine)

ITEM NO.: 1050934

VARIANTS	
1052230	Hatecke RB400 rigid MOB boat
RELATED P	PRODUCTS
1023850	Petrol engine, Yamaha 25HP with propeller guard, MED approved
1022265	Galvanized cradle with lashings for Narwhal SV-420 MOB boat
1006553	CAR 35 release hook for rescue boats and liferafts, SWL: 3600

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Fast Rescue Boat FRSQ 600 G - Gasoline Outboard

- High quality fibreglass boat
- 90-150 HP outboard engine
- Easy maintenance with outboard setup
- Suitable for up to 15 people
- Foam fenders
- Dimensions: L 605 x H 220 x W 216 cm
- Weight fully loaded (15 people) 2938 kg
- Certifiable for 6 to 15 people to fit the davit
- Several customer specified solutions available

ITEM NO.: -



Also available with twin outboard engines

RELATED PRODUCTS

. .

Fast Rescue Boat FRSQ 700 A - Inboard Diesel

- Sea and weather resistant aluminium
- 258 HP inboard diesel engine
- Waterjet propulsion
- Suitable for up to 15 people
- Foam fenders
- Dimensions: L 714 x H 267 x W 266 cm
- Weight fully loaded (15 people) 3338 kg
- Certifiable for 6 to 15 people to fit the davit
- Several customer specified solutions available

ITEM NO.: -



VARIANTS					
-	-				
RELATED PRODUCTS					
-	-				

Fast Rescue Boat FRSQ 600 G - Inboard Diesel

- High quality fibreglassboat
- 160-292 HP inboard diesel engine
- Waterjet propulsion
- Suitable for up to 15 people
- Dimensions: L 640 x H 230 x W 229 cm
- Weight fully loaded (15 people) 3218 kg
- Certifiable for 6 to 15 people to fit the davit
- Several customer specified solutions available

ITEM NO.: -

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VARIANTS					
-	Also available in sea and weather resistant aluminium				
RELATED PRODUCTS					
-	-				

Fast Rescue Boat FRSQ 700 A - Twin Inboard Diesel

- Sea and weather resistant aluminium
- 160-292 HP inboard diesel engine
- Waterjet propulsion
- Fully redundant propulsion
- Suitable for up to 15 people
- Foam fenders
- Dimensions: L 715 x H 248 x W 278 cm
- Weight fully loaded (10 people) 3428 kg
- Several customer specified solutions available

ITEM NO.: -



VARIANTS					
-	-				
RELATED PRODUCTS					
RELATED P	RODUCTS				

Rescue and Fast Rescue Boat A-Frame Davits

- Freestanding, deck mounted davit consisting by base frame, davit arm, cylinders, electric winch and hydraulic selfcontained power pack unit
- Hydraulic pivoting davit
- Optional hydro-pneumatic shock absorber
- Electronics controls included with remote control for hoisting and emergency stop
- Hoisting speeds according rules and regulations, 0-18 m/min
- Safe working load up to 3600 kg
- Operated from deck or from inside the rescue boat, by mean of remote control
- Remote control parts: stainless steel wires, hand grips, sheaves, wire rope clips and shackles
- Solid and proven design

ITEM NO.: -



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VARIANTS					
HYDRAULI	HYDRAULIC PIVOTING & ELECTRIC HOISTING:				
-	PRHE 25-2 - SWL 27kN				
-	PRHE 30 - SWL 30kN				
-	PRHE 35-2 - SWL 36kN				
HYDRAULIC PIVOTING & HYDRAULIC HOISTING/LOWERING:					
-	PRHE 25 H - SWL 27kN				
-	PRHE 35 H - SWL 36kN				
RELATED PRODUCTS					
1030821	3 layers of paint in end colour for A-frame davits				
1006553	Release hook for rescue boats and liferafts CAR35				

Fast Rescue Boat A-Frame Davit, Ferries (RoRo)

- Freestanding, deck mounted davit with a base frame, davit arm, cylinders, winch and hydraulic power pack unit
- Hydraulic pivoting davit with integrated constant tensioning system and hydro-pneumatic shock absorber
- Safe working load up to 30kN
- Lowering height to be advised at order. Standard is approx. 25 metres
- Supplied with control stand or belly box
- Remote control parts: stainless steel wires, hand grips, sheaves, wire rope clips and shackles
- Solid and proven design

ITEM NO.: -

Compliant to MSC.1/Circ.809 - LSA Code by amendment MSC.218(82)



VARIANTS				
-	-			
RELATED PRODUCTS				
1030821	3 layers of paint in end colour for A-frame davits			
1006553	Release hook for rescue boats and liferafts CAR35			

Liferaft Davit

- Palfinger Ned-Deck type SCM 21-4.0L
- Suitable for 20 - 25 persons liferafts
- SWL: 23kN

VARIANTS

- Manual slewing
- Outreach: 4 metres
- ITEM NO.: 1006149

SCM 14-3.5 L



Rescue	Boat	Davit
--------	------	-------

- Palfinger Ned-Deck type SCH 12-3.5 R
- SWL 12kN
- Hydraulic slewing
- Outreach: 3.5 metres

ITEM NO.: 1006147



VARIANTS	5
1006146	Rescue boat davit, SWL 10kN, SCM 10-3.5 R, manual slewing
1010312	Rescue boat davit, SWL 10kN, SCM 10-5.2 R, manual slewing
HYDRAUL	IC SLEWING DAVIT:
-	Rescue boat davit, SWL 10kN, SCH 10-3.5 R, hydraulic slewing
-	Rescue boat davit, SWL 10kN, SCH 10-5.2 R, hydraulic slewing
1007771	Rescue boat davit, SWL 15kN, SCH 15-4.0 R, hydraulic slewing
	Rescue boat davit, SWL 17kN SCH 17-4.0 R, hydraulic slewing
RELATED	PRODUCTS
1008295	Davit pedestal, 400 mm
1008296	Davit pedestal, 520 mm
1006553	Release hook for rescue boats and liferafts, max. SWL: 3500
1029228	3 layers of paint in end colour for slewing davits
1027117	Quick return unit - for use when lowering more than one liferaft

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1006150Liferaft davit, SWL: 36kN for 35-39 persons liferafts,
SCM 33-4.0 LRELATED PRODUCTS1008295Davit pedestal, 400 mm1008296Davit pedestal, 520 mm1006553Release hook for rescue boats and liferafts, max. SWL: 350010292283 layers of paint in end colour for slewing davits1027117Quick return unit - for use when lowering more than one
liferaft

Liferaft davit, SWL: 15kN for 16 persons liferafts,

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Combi Davit

- Palfinger Ned-Deck type SCH 23/17-4.0 LR
- SWL 23kN Liferaft 17kN rescue boat
- Hydraulic slewing
- Outreach: 3.5 metres

ITEM NO.: -



VARIANTS				
-	-			
RELATED P	RODUCTS			
1008296	Pedestal, 520 mm			
1006553	Release hook for rescue boats and liferafts, max. SWL: 3500 3500 3500			
1029228	3 layers of paint in end colour for slewing davits			

Release Hook for Rescue Boats CAR 35

- Approved davit release hook for use with davit-launched liferafts and rescue boats
- Off load release hook
- Max. SWL: 36kN

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- Weight: 7.3 kg approx.
- Dimensions (without lanyard): H 28.5 x L 26 x D 7 cm

ITEM NO.: 1006553



Totally Enclosed Lifeboats, Palfinger

- For marine and offshore applications
- Hull construction of seawater-resistant glass reinforced plastic (GRP)
- Traceability of all components
- Tanker or cargo version
- All boats have EC/MED approval



Model	Dimensions (m)	Capacity	Weight (kg.)	Capacity	Weight (kg.)	Capacity	Weight (kg.)	Hook distance (m)
		SEAT BREADTH: 430 mm WEIGHT P.P.: 82.5 kg		SEAT BREADTH: 460 mm WEIGHT P.P.: 98 kg		SEAT BREADTH: 533 mm WEIGHT P.P.: 98 kg		
TELB PN58C	5.80 x 2.70 x 3.10	45	6433	38	6444	33	5954	5.40
TELB PN58F	5.80 x 2.70 x 3.10	45	6713	38	6724	33	6234	5.40
TELB PN75C	7.50 x 2.86 x 3.20	66	8795	55	9235	45	7760	7.10
TELB PN75F	7.50 x 2.86 x 3.20	66	9191	55	9631	45	8156	7.10
TELB PN85C	8.50 x 3.30 x 3.30	90	11825	75	11750	65	10770	8
TELB PN85F	8.50 x 3.30 x 3.30	90	12125	75	12050	65	11070	8
TELB PN95C	9.50 x 3.60 x 3.40	120	15520	101	15518	85	13950	9
TELB PN95F	9.50 x 3.60 x 3.40	120	15900	101	15898	85	14330	9
TELB PN150C	11.95 x 3.90 x 3.50	150	19775	126	19748	115	18670	11.30
TELB PN150F	11.95 x 3.90 x 3.50	150	20375	126	20348	115	19270	11.30

Free Fall Lifeboats, Palfinger

- Tanker or cargo version
- Seat breadths 480 mm (82,5 kg/p)
- Traceability of all components
- Polar package available for use at temperatures at -45 degrees
- All boats have EC/MED approval



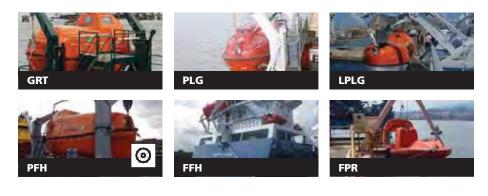
Model	Dimensions (m)	Capacity* (max. persons @ 82.5 kg)	Weight (kg incl. max. persons)	Drop height (m)	
	SEAT BREADTH: 480 mm WEIGHT P.P.: 82.5 kg				
FFLB PN49FC	4.90 x 2.18 x 3.10	15	4238	16	
FFLB PN49FF	4.90 x 2.18 x 3.10	15	4238	16	
FFLB PN59FC	5.90 x 2.55 x 3.15	25	5826	16	
FFLB PN59FF	5.90 x 2.55 x 3.15	25	5826	16	
FFLB PN67FC	6.70 x 2.55 x 3.20	30	6475	20	
FFLB PN67FF	6.70 x 2.55 x 3.20	30	6475	20	
FFLB PN75FC	7.50 x 2.55 x 3.20	33	7823	23	
FFLB PN75FF	7.50 x 2.55 x 3.20	33	7823	23	
FFLB PN90FC	9.00 x 2.70 x 3.30	42	9665	28	
FFLB PN90FF	9.00 x 2.70 x 3.30	42	9665	28	
* Less capacity upon request					

BOATS, DAVITS AND ACCESSORIES

LIFETIME EXCELLENCE

Lifeboat Davits, Palfinger

- Hydraulic or gravity pivoting davit for lifeboats
- Modular built system, easy to install
- Low cost of ownership
- Solid and proven design
- For lifeboats or rescue boats



Туре	Safe Working Load (SWL)	Operaton
GRAVITY PIVOTING LIFEBOAT DAVITS		
PLG Series	60 kN – 130 kN	Gravity pivoting / lowering, electric hoisting
LPLG Series	135 kN – 175 kN	
HYDRAULIC PIVOTING LIFEBOAT DAVITS		
PFH Series	80 kN – 230 kN	Hydraulic pivoting, gravity lowering, electric hoisting
HPLG Series	60 kN – 185 kN	Hydraulic pivoting, gravity lowering, electric hoisting
GRAVITY ROLLER TRACK DAVITS		
GRT Series	60 kN – 90 kN	Roller track, gravity lowering, electric hoisting
FREE-FALL DAVITS		
FFH Series	45 kN – 95 kN	Free fall launching or hydraulic lowering / hoisting
HYDRAULIC OVERHEAD TELESCOPIC LIFEBOAT DAVITS		
HOTT-L	Series 130 kN – 220 kN	Hydraulic telescoping, gravity lowering, electric hoisting
FIXED OUTRIGGER LIFEBOAT DAVIT		
FPG Series	85 kN – 230 kN	Electronic hoisting, gravity lowering
FIXED OUTRIGGER (FAST) RESCUEBOAT DAVIT		
FPR Series	10 kN – 35 kN	Electronic hoisting, gravity lowering
FPR-H Series	37.5 kN	Hydraulic hoisting, gravity lowering



PALFINGER MARINE NETHERLANDS BV offers high quality, innovative, user-friendly solutions whereby an ideal balance between safety and economic factors is achieved. Davit Systems for life-saving purposes, daughter crafts, workboats and fenders are easy to install (plug and play), trouble-free, easy to maintain and ensure safety when it matters most. This is what makes PALFINGER MARINE NETHERLANDS BV davit systems so competitive.

For more information please visit: WWW.PALFINGERMARINE.COM

SUITS, LIFEJACKETS AND ACCESSORIES

Personal protective equipment

VIKING offers a wide range of protective suits and lifejackets for all offshore needs and weather conditions. Our products are developed in close cooperation with international customers to ensure optimal safety and comfort.

Immersion and Constant wear suits

Manufactured to withstand the harshest conditions, VIKING offers the widest range of immersion suits and constant wear suits, including combined immersion and fire suits, constant wear suits for MOB boat crew and work suits for the offshore wind industry. Quality materials and a close cooperation with fabric suppliers such as DuPont and W. L. GORE ensure suits that they arespecially designed to meet the needs of the offshore personnel and perform as required.

Outstanding!

VIKING PPE products are the essential emergency clothing everyone wants to be seen in.

We're constantly in touch with the latest research on visibility at sea - and we have made it our business to bring outstanding developments to our customers.

The new high visibility yellow outer material, is aimed at improving your chances of being noticed in even the most difficult sea conditions.

Pilot and Transportation Suits

LRB 15

These suits are designed for operations to and from helidecks with a focus on comfort during extended wear. Only VIKING offers a full portfolio of ETSO approved suits and lifejackets, including a program consisting of a transportation suit, lifejacket and an Emergency Breathing System (EBS). Only the best materials such as NOMEX[®] and GORE-TEX[®] are used for prime performance and durability.

Lifejackets

VIKING's lifejackets combine comfort with maximum personal protection at sea. choose from a wide range specially designed for offshore applications, e.g. with extra buoyancy for situations where the wearer carries extra weight, such as equipment belts, or with heat resistant covers for welders.



VIKING's multi-layer immersion suit concept provides the best performance possible with a PU coated Nylon outer fabric and a separate quilted thermal liner for insulation. This combination provides optimal dynamics between safety, thermal performance, durability and comfort – even in the most extreme situations.

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

Immersion suits in PU coated Nylon



VIKING PU Coated Nylon Immersion Suit

A premium immersion suit based on a multi-layer system with double thermal insulation to protect in the harshest conditions. Built-in buoyancy provides superior freeboard. Therefore, no lifejacket is required, which ensures the fastest donning time in an emergency.

- 6-hour SOLAS approved multi-layer system
- Built-in buoyancy foam
- Extra thermal insulating liner
- Interior braces for adjustable sizing
- Detachable gloves for easy donning
- Lifting becket, buddy line and emergency light
- Air tight packing optional
- Weight 5 kg
- Dimensions: H 67 x W 50 x D 24 cm (packed)

ITEM NO.: PS5002

VARIANTS	
PS5019	Top of the line VIKING immersion suit. One size with built-in buoyancy, lifting becket, buddy line, whistle and emergency line
RELATED PRODUCTS	
-	-

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VIKING Immersion Suit, SOLAS Immersion Rescue II

Top of the line, multi-layer immersion suit for increased thermal protection

- Must be worn with lifejacket
- Optional lifting becket, buddy line, whistle and emergency light
- Interior braces for adjustable sizing
- Fabric selection ensures long lifespan of the suit
- Weight 3.16 kg
- Dimensions: H 70 x W 50 x D 15 cm (packed)
- Air-tight packing optional
- Included in the VIKING Exchange Agreement with fixed price service

ITEM NO.: PS5006

VARIANTS	
PS5019	Top of the line VIKING immersion suit with extra durability and extended protection
RELATED PRODUCTS	
PV9520	VIKING SOLAS solid lifejacket
PV9320	Inflatable lifejacket, symmetrical 180N, configurable
PV9360	Inflatable lifejacket, symmetrical 275N, configurable
PV9361	Inflatable lifejacket, asymmetrical 275N, configurable
1038974	Personal Locator Beacon (PLB)

VIKING Offshore Immersion Suit - Self-righting, 275N

- Integrated 275N buoyancy superior self-righting capabilities
- Interior braces for adjustable sizing
- Lifting becket, buddy line and emergency light
- Detachable gloves
- Easy donning and adjustment
- Sizes: Universal 140-200 cm Over-size 190-210 cm
- Weight: 5.18 kg
- Dimensions: H 67 x W 50 x D 24 cm (packed)
- Air-tight packing optional

ITEM NO.: PS5026

Fullfils NMD requirements

VARIANTS	
-	-
RELATED PRODUCTS	
-	-

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Neoprene immersion suits

VIKING Neoprene immersion suits are made of high quality, durable fabrics.

Thermal protective performance is combined with high visibility colors to help increase your chance for survival in critical situations. Suits comply with SOLAS regulations and provide excellent thermal protection, flame retardancy along 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 beckets and packing types are available.

Contact your local VIKING office for more information.



VIKING Neoprene Immersion Suit

- 6-hour SOLAS approval
- Standard model, must be worn with an approved lifejacket
- Detachable gloves
- Included in the VIKING Exchange Agreement concept with fixed price service
- Sizes: Universal 140-200 cm Over-size 170-210 cm

ITEM NO.: PS2014

UKHSE Compliant Compatibility tested with PV9360

VARIANTS	
-	-
RELATED PRODUCTS	
PV9320	Inflatable lifejacket, symmetrical 180N, configurable
PV9360	Inflatable lifejacket, symmetrical 275N, configurable
PV9361	Inflatable lifejacket, asymmetrical 275N, configurable
PV9520	VIKING SOLAS solid lifejacket

VIKING Neoprene Immersion Suit

- 6-hour SOLAS approval
- Zip-placement on side for a tight seal and better safety
- Detachable gloves
- Extended zipper for easy donning
- Standard model, must be worn with an approved lifejacket
- Optional emergency light, buddy line and lifting becket
- Sizes: Universal size instead of one-size 140-200 cm over-size 170-210 cm

ITEM NO.: PS2004

VARIANTS	
-	-
RELATED PRODUCTS	
PV9320	Inflatable lifejacket, symmetrical 180N, configurable
PV9360	Inflatable lifejacket, symmetrical 275N, configurable
PV9361	Inflatable lifejacket, asymmetrical 275N, configurable
PV9520	VIKING SOLAS solid lifejacket

VIKING Insulated Immersion Suit

- 6-hour SOLAS approval
- Can be used without lifejacket
- Detachable gloves
- Lifting becket, buddy line, emergency light, and whistle
- Sizes: Universal 140-200 cm Over-size 190-210 cm

ITEM NO.: PS2007

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VARIANTS	
-	-
RELATED PRODUCTS	
PV9320	Inflatable lifejacket, symmetrical 180N, configurable
PV9360	Inflatable lifejacket, symmetrical 275N, configurable
PV9361	Inflatable lifejacket, asymmetrical 275N, configurable
PV9520	VIKING SOLAS solid lifejacket

VIKING USCG/SOLAS Insulated Immersion Suit

- 6-hour SOLAS approval and USCG approval
- Neoprene suit with buoyancy head support
- Fixed gloves with straps for easy adjustment
- Optional emergency light
- Lifting strap and buddy line included
- Sizes: Small 140-170 cm Universal 150-200 cm Jumbo 170-220 cm

ITEM NO.: PS2006

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PV9521	USCG approved solid lifejacket
FVJJZ1	osed approved sond mejacket

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SUITS, LIFEJACKETS AND ACCESSORIES

Anti-exposure suit

VIKING's new generation, highly flexible antiexposure and immersion suit for constant wear lets you work hard and stay safe under extreme maritime conditions.

The dual-approved, fitted and ergonomically enhanced suit is designed to perform across multiple marine applications - and beyond excellent protection, it offers great comfort, functionality and freedom of movement.

Versions

for use with,

or without,

a lifejacket

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- Specifically designed for maritime work applications
- Available with (PS4191) or without (PS4190) ergonomically enhanced and fully integrated inflatable buoyancy
- SOLAS and 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[®] PAZIFIK[™] with stretchy fabric panels for enhanced ergonomics, comfort and freedom of movement
- Knees reinforced with CORDURA[®] and DuPont[™] Kevlar[®]
- 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.
- Enhanced fit and visual appearance
- High-visibility yellow enhances your chance of being spotted by SAR crews in case of a MOB emergency

ITEM NO.: PS4190/4191

VARIANTS	VARIANTS	
PS4170	Approved as anti-exposure and immersion suit	
PS4180	VIKING SOLAS anti-exposure suit with U-shaped zipper	
PS4115	VIKING dual-approved SOLAS/ISO constant wear suit	
PS4185	VIKING Immersion suit with built in buoyancy	
RELATED P	RELATED PRODUCTS	
PV9320	Inflatable lifejacket, symmetrical 180N, dual-approved	
PV9360	Inflatable lifejacket, symmetrical 275N, configurable	
PV9361	Inflatable lifejacket, asymmetrical 275N, configurable	
PV9340	VIKING constant wear lifejacket	





Integrated hood and buoyancy aid



Reinforcements



Detachable gloves

Specially designed for work applications with extra freedom of movement and reinforcements for extended wear

- Comfortable U-shaped zipper and high-flex neoprene collar
- Outer material of breathable GORE-TEX[®] PAZIFIK[™]
- Elastic intake in back
- Attached boots, optional socks or safety boots
- Buoyancy foam in detached liner system and 100N inflatable buoyancy integrated on the exterior
- Can be customized with different color options and a choice of 1-hour or 6-hour SOLAS approved thermal liner system
- Knee and elbow reinforcements
- Pocket for radio storage

ITEM NO.: PS4185



VARIANTS	
PS4180	VIKING constant wear suit with U-shaped zipper
PS4170	VIKING constant wear suit
RELATED PRODUCTS	
-	-



VIKING Super lightweight, non-insulated immersion suit

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.

- Outer fabric GORE-TEX[®] PAZIFIK[™]
- Superlight shell with low friction and high tear-strength
- Reinforcements of Silicone Kevlar[®] and CORDURA[®]
- Pockets: for radio, microphone, phone, equipment, gloves etc.
- Suitable for most harness types
- Retro-reflective piping
- Available in S, M, L, XL, 2XL and 3XL
- Integrated watertight socks and boots

ITEM NO.: PS4115

ISO and SOLAS approved

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VARIANTS		
PS4180	VIKING constant wear suit with U-shaped zipper	٦
PS4170	VIKING constant wear suit	
RELATED PRODUCTS		
PV9340	VIKING constant wear lifejacket	



Constant wear lifejackets

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Designed for tough marine and offshore work applications, combining superior in-water performance, durability and a comfortable, ergonomic design. A low-profile compact cover – in a choice of CORDURA® or wipe clean fabrics for a durable, yet comfortable, exterior of the jacket. The uniquely designed buoyancy chamber with integrated cleat-attachment system ensures best in-water performance and safer recovery.

VIKING Constant Wear Lifejacket

- Choice of CORDURA[®] or wipe clean covers
- Options of 180N or 275N double compartment buoyancy chambers
- Belt-style waist with an integrated, padded back panel
- Optional sprayhood
- Option of Halkey Roberts[®] or Hammar[®] inflator systems
- Water-activated lifejacket light
- Front buckle systems (with or without D-ring)
- Dual crotch strap
- Integrated neck support/comfort padding
- SOLAS approved

ITEM NO.: PV9340

VARIANTS	
PV9320	Inflatable lifejacket symmetrical 180N, configurable
PV9360	Inflatable lifejacket symmetrical 275N, configurable
PV9361	Inflatable lifejacket asymmetrical 275N, configurable
RELATED PRODUCTS	
-	-





Your choice of features

VIKING makes it easy.

Do you need extra buoyancy? Does your job require special cover material? You can even choose the buckle style, inflation system and add a light. Finally you have the option to add a sprayhood, a PLB (personal locator beacon) or both.

Custom features

- Buoyancy
- Cover material
- Closure (buckle style)
- Inflation system
- Light

Optional items

- Sprayhood
- PLB pocket
- PLB

All VIKING inflatable SOLAS lifejackets come with a whistle, reflective tape, lifting strap and crotch strap. The crotch strap ensures that the lifejacket stays in position, and helps maintain a correct flotation angle.



Custom features explained

Buoyancy

Symmetrical: The higher the Newton number (N), the higher the buoyancy. For general use, select 180N. For situations when extra weight is carried, select 275N.

Asymmetrical: As asymmetrical chambers offer faster and better turning capabilities, select a 275N asymmetrical when extra weight is carried, e.g. heavy tool belts.

Cover material

CORDURA®: A heavy duty 500 denier CORDURA® fabric provides super durability. This material is also used for body armour because of its superior abrasion and tear strength. Perfect for constant wear lifejackets used for working in tough marine environments.

Wipe clean: Repellent, yet soft to the touch and extremely hard wearing. After use simply wipe clean with a damp or wet cloth. Choose from four matte colours ranging from the brightest bright to black.

Typical use: Ideal for heavy industrial environments, e.g. offshore and fishing

Aluminium for welding: Durable aluminium coated Preox/Para-Aramid cover offers both radiant heat and spark resistance.

Typical use: Ideal for all severe heat environments, e.g. for welders and offshore personnel working in production areas.

Always approved

No matter how you design your VIKING inflatable lifejacket it always fulfils existing SOLAS requirements.

Example of 275N wipe clean lifejacket with snap lock "salsa" closure and harness.



PV9520	innatable inejacket symmetrical room, configurable
PV9360	Inflatable lifejacket symmetrical 275N, configurable
RELATED PRODUCTS	
PS4170	VIKING SOLAS approved anti-exposure/immersion suit
PS2004	VIKING SOLAS neoprene immersion suit

Offshore Welding, configuration example

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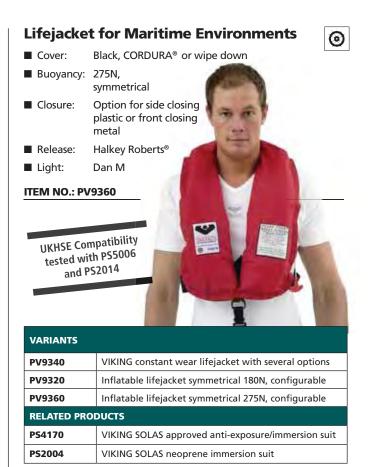
Cover:	Heat resistant alu
Buoyancy:	275 Newton, symmetrical
Closure:	Front closing,

- metal, D-ring
- Release: Halkey Roberts®
- Light: Dan M3 or W3
- Accessories: PLB pocket
- Accessories: Sprayhood
- Weight: 1.77 kg
- Dimensions: H 60 x W 24 x D 2 cm (packed)

ITEM NO.: PV9360



VARIANTS	
-	Tailor-made according to specific needs
RELATED PRODUCTS	
PS4170	SOLAS approved anti-exposure/immersion suit
PS4115	Offshore constant wear work suit



VIKING RescYou™ Atlantic Inflatable 150N Work Vest

- Extremely lightweight for superior comfort in work situations
- Chamber can be automatically, manually or orally inflated
- Fitted with lifting becket and whistle
- Single-hand-operated release buckle for easy adjustment to get a perfect fit
- Also available in yellow wipe-clean cover

ITEM NO.: PV9274

Approved according to EN ISO 12402-3/12402-6



VARIANTS	
-	-
RELATED PRODUCTS	
R6200002	Manually activated lifejacket light
R6200006	Water activated lifejacket light

VIKING SOLAS Lifejacket

Extremely compact 140N solid lifejacket

- Superior in-water performance
- Orange or high visibility yellow
- Emergency light (optional), whistle, buddy line and lifting hand grip
- Low profile front panels for increased mobility and field of vision
- Back panel for comfortable fit and easy donning and doffing
- Available in multi approved versions: USCG, TC, MED. Itemno. PV9521

ITEM NO.: PV9520

96/98/EC and MSC-81(70) approved, MSC-207(81) and MSC-200(80) compliant

VARIANTS	VARIANTS	
PV9508	VIKING SOLAS lifejacket, child	
PV9506	VIKING SOLAS lifejacket, infant	
RELATED PRODUCTS		
1040398	Integrated lifejacket light for use with VIKING PV9520 lifejacket, water activated (WR3)	
1057890	Fully automatic recessed light for use with all SOLAS solid life jackets	



Making hazardous environments less dangerous since 1953



For years, Daniamant has supplied reliable lights for lifebuoys approved for hazardous areas in the marine and offshore industry. However, rules have not been as clear for lifejacket lights used in the same areas.

Now, the world's first intrinsically safe lights are available for lifejackets. Daniamant's lifejacket lights are SOLAS/ MED and EX approved. Extra durability ensures that they can withstand harsh conditions.

Contact VIKING and hear more how intrinsically safe lifejacket lights can increase the safety of your crew working on offshore oil rigs, tankers and tenders.

www.daniamant.com

Daniamant Be safe at sea



Helicopter aviation

VIKING is the first to release a complete ETSO approved transportation suit and lifejacket system for pilots and crew - *designed for operations to and from helidecks*.

All passengers and crew travelling by helicopter in hostile sea areas as defined in JAR-OPS-3 must wear ETSO approved immersion suits and lifejackets. Following recent EASA (European Aviation Safety Authorities) approval, VIKING has become one of only a few suppliers in the world able to offer a fully ETSO approved system comprising a transportation suits, lifejackets and the brand new Category A STASS System. We offer rental or leasing agreements on ETSO equipment at selected locations. Please contact your nearest VIKING office for more information.

VIKING suits and lifejackets are built with end-user input ensuring optimal comfort, ergonomics and in-water performance.

suits and lifejackets

ETSO immersion suits

The requirements for immersion suits focus on four primary safety features:

- Improved thermal protection that corresponds to a Class B suit
- Improved visibility for search and rescue operations
- Reduce amount of trapped air when submerged for better freedom of movement during evacuation
- Minimize the amount of water ingress for better protection against hypothermia

ETSO lifejackets

Lifejackets also include important safety improvements:

- Equipped with a sprayhood which can be deployed within 20 seconds
- Freeboard at least 120 mm
- Fitted with a flashing light at a rate of 50-70 flashes per minute for better visibility
- Optional VIKING EBS, an emergency breathing system with a re-breather that supplies air for a minimum of 60 seconds

VIKING's global network:

North Sea Corridor EASA Part 145 approved servicing stations

Aberdeen **UK**

Esbjerg **DENMARK**

Bergen NORWAY

Schwei West GERMANY

1

Den Helder THE NETHERLANDS

VIKING has 360° safety quipment servicing coverage in the North Sea

Aviation safety legislation dictates that all companies operating in the North Sea area must have their aviation equipment maintained by a Part 145-approved servicing station.

VIKING has an unmatched level of coverage around the North Sea that brings compliance security efficiency for offshore operators and protects their ability to function.

VIKING's offshore customers can have their aviation suits and lifejackets maintained and repaired at five EASA Part 145 approved stations; Bergen in Norway, Aberdeen in UK, Den Helder in Netherland, Esbjerg in Denmark or Schwei West in Germany – or a combination of these locations.

All five servicing stations are also approved to carry out maintenance and repair of VIKING's maritime immersion suits and lifejackets.



Pilot suits

The VIKING Pilot Suit is designed to enhance comfort during flight operations, ensuring best overall feel and improving safety

VIKING Pilot Suit

- Pilot suit with U-zipper for better comfort during constant wear
- NOMEX[®] outer fabric with a GORE-TEX[®] moisture barrier for better breathability
- Integrated valves to remove trapped air and control buoyancy
- Shaped knees and elbow reinforcements
- Elastic intake at waist and center back for added comfort
- Weight: 2.9 kg
- Dimensions: H 70 x W 40 x D 15 cm (packed)

ITEM NO.: PS4043

ETSO approved



PS4044 with split neck zipper

PS4045 with J-zipper

Customized zipper solutions providing individual suits matching personal preferences

VARIANTS	
PS4044	VIKING pilot suit with split neck
PS4045	VIKING pilot suit with J zipper
RELATED PRODUCTS	
PV9355	VIKING PV9365 aviation lifejacket



VIKING Pilot Lifejacket

As lightweight and comfortable as possible, this durable pilot lifejacket is a close fit while still offering maximum maneuverability for the pilot's upper body.

- Military-inspired design
- Easily accessed adjusters
- Sprayhood
- Emergency light and whistle
- Buddy line and lifting becket
- Weight: 1.96 kg
- Dimensions: H 60 x W 36 x D 12 cm (packed)

ITEM NO.: PV9365

ETSO and SOLAS approved

VARIANTS	
PV9365	VIKING PV9355 aviation lifejacket
RELATED PRODUCTS	
PS4043	VIKING pilot suit with U-zipper
PS4044	VIKING pilot suit with split neck
PS4045	VIKING pilot suit with J-zipper

Category A STASS System





AU10 Personal Locator Beacon

- 5 second auto-activation upon continuous immersion
- 40 second fail safe auto-override
- Manual activation
- LED strobe on antenna
- Automatic low battery warning indicator
- 100 m^w power output
- Weight: 290 g
- Dimensions: H 90 × W 70(body) 80 hinge/base cap × D 35 mm

ITEM NO.: 1059053



VARIANTS	
1026945	GME personal locator beacon
RELATED PRODUCTS	
R6200305	Personal Locator Beacon AU9-WF-S Siemens wind farms
R6200304	Personal Locator Beacon AU9-WF wind farms

Passenger suits

New ETSO and SOLAS-approved aviation suit in high visibility yellow provides higher comfort and safety. Approved according to 2C502 the PS5040 integrates suit and buoyancy into one single unit.

VIKING Aviation Suit

- Strikingly bright outer material
- Specially designed for icy waters
- Intelligent thermal liner
- Innermost layer reduces friction, making it easy to don and doff
- Snug fit: enhances freedom of movement and enhance safety
- Optional PLB
- Category A EBS system
- Complete with gas inflated buoyancy system
- Sleeve-mounted magnets to keep gloves away when not in use
- Split neck zipper for better comfort during constant wear
- Sprayhood
- High-flexibility neoprene boots

ITEM NO.: PS5040

ETSO and SOLAS approved

ETSO and SOLAS approved



VIKING Aviation Suit

- Top of the line model with optional intelligent thermal liner that regulates body heat
- Outer fabric NOMEX[®] with a GORE-TEX[®] moisture barrier for better breathability
- Integrated valves to remove trapped air in an evacuation situation to control buoyancy
- Detachable gloves
- J-zipper for added comfort
- Superior comfort with several adjustment features
- Sizes: XS-SPL
- Weight: 2.029 kg
- Dimensions: H 60 x W 45 x D 10 cm (packed)

ITEM NO.: PS4002 - ETSO AND SOLAS APPROVED

ITEM NO.: PS4003 - ETSO APPROVED



VARIANTS	
-	-
RELATED PRODUCTS	
PV9302	VIKING aviation lifejacket with EBS
R6200302	Personal Locator Beacon (PLB) for helicopter transit

VIKING Aviation Lifejacket

- For use during transportation
- Comfortable, lightweight, fitted
- Multiple adjustment possibilities
- Extra padding on back for added comfort and support
- Sprayhood
- Manually or orally inflated
- Weight: 1.792 kg
- Dimensions: H 60 x W 36 x D 12 cm (packed

ITEM NO.: PV9355

ETSO approved



VARIANTS	
PV9365	VIKING aviation lifejacket
RELATED PRODUCTS	
PS4043	VIKING pilot suit with U-zipper
PS4044	VIKING pilot suit with split neck
PS4045	VIKING pilot suit with J-zipper

FOR TRAINING **VIKING Aviation Suit**

- Training version of VIKING PS4003
- Outer fabric GORE-TEX[®] Pazifik[™]
- Integrated valves to remove trapped air in an evacuation situation to control buoyancy
- J-zipper for added comfort
- Sizes: XS-SPL
- Weight: 2.029 kg
- Dimensions: H 60 x W 45 x D 10 cm (packed)

ITEM NO.: PS4103



VARIANTS **RELATED PRODUCTS** PV9302 VIKING aviation suit for training

VIKING Aviation Lifejacket with EBS

This EBS (Emergency Breathing System) lifejacket with its built-in rebreather offers a minimum of 60 precious extra seconds of air to help crew exit a ditching helicopter in cold waters.

- Lifejacket with manual inflation
- EBS with automatic activation
- Sprayhood
- High mouth freeboard (120mm)
- Detachable neck protection
- **Emergency light**
- Buddy line and whistle

ITEM NO.: PV9302

ETSO approved



VARIANTS	
-	-
RELATED PRODUCTS	
PS4003	VIKING aviation suit
R6200302	Personal Locator Beacon (PLB) for helicopter transit

FOR TRAINING VIKING Aviation Lifejacket

- Training version of VIKING PV9302
- Detachable escape Emergency Breathing System on front cover with automatic and manual release system.
- Sprayhood
- Detachable neck protection
- Emergency light, whistle, buddy line and lifting becket
- Manually or orally inflated
- Weight: 1.792 kg
- Dimensions: H 60 x W 36 x D 12 cm (packed)





ITEM NO.: PV9302

VARIANTS	
-	-
RELATED PRODUCTS	
PS4103	VIKING aviation Suit
R6200302	Personal Locator Beacon (PLB) for helicopter transit

The safest choice

all's

Let VIKING help you to achieve uncompromising offshore safety.

On the water and in the air

Offshore wind professionals turn to VIKING to help them work more easily and safely in harsh environments and demanding situations. On the water, we offer a purpose-built range of offshore wind safety equipment for installation and supply vessels, rescue and crew transfer boats. In the air, we provide work suits and lifejackets tailored to helicopter transportation.



Complete servicing

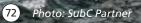
VIKING doesn't just produce safety equipment - we take care of your servicing needs, too. With rapid-delivery global stockpoints, and a constantly growing network of over 270 certified servicing stations, you get on-time, quality service with the right spare parts for complete compliance with North Sea and international regulations – straight from the manufacturer.

Fully compliant

All VIKING offshore wind product packages are certified to the latest requirements of SOLAS, ETSO, ISO and the EU.

OFFSHORE WIND SAFETY SOLUTIONS

2 SEA



Constant wear immersion suit

This highly durable immersion suit combines superior material with a unique design allowing wearers to perform their tasks with their safety assured.

The suit performs under extreme climatic and weather conditions while still offering comfort and breathability.

Highlights

- GORE-TEX[®] PAZIFIK[™] outer fabric
- Thermal lining
- Radio, knife and removable pockets
- Lifting becket, buddy line, light and whistle
- Available in S, M, L, XL, XXL and SPL
- Choice of attached safety boots, rubber boots or watertight socks
- Integrated buoyancy

ITEM NO.: PS4170

SOLAS approved anti exposure and immersion suit



Wind farm work suit

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 in climbing situations.

Highlights

- GORE-TEX[®] PAZIFIK[™] outer fabric
- Superlight shell with low friction and high tear-strength
- Silicone Kevlar[®] and CORDURA[®] reinforcements
- Pockets galore: for radio, microphone, phone, equipment, gloves etc.
- For most harness types
- Retro-reflective piping
- Available in S, M, L, XL, 2XL and 3XL
- Integrated watertight socks and boots

ITEM NO.: PS4115

SOLAS and ISO approved





Complete offshore wind safety packages

- full protection in harsh environments.

Suits and lifejackets

- ETSO helicopter suits
- SOLAS work suits
- ETSO and SOLAS lifejackets
- Dual approved immersion suit

Emergency equipment (nacelle)

- StretchersSOLAS first aid kits
- Eyewash

Lifebuoys

(foundation)

- Lifebuoys
- Brackets
- Accessories

Fire safety equipment

(nacelle & tower)

- Fire-extinguishers
- Flash lights
- Escape smoke hoods
- Escape emergency breathing devices (EEBD)

Pyrotechnics

(nacelle & tower)

- Smoke signals
- Distress signals
- Hand flares
- Single shot line-throwing devices

Signs

(nacelle & tower)

- Emergency exit
- Fire extinguisher
- EEBD

Liferafts and davits (foundation)

- Liferafts
- Davits (tower)
- Accessories

275N inflatable lifejacket

- Choice of tear resistant CORDURA® or repellent wipe clean cover in black, red, blue or yellow
- Front salsa buckle
- Single flashing light (min. 8 hours)
- Whistle, reflective tape, lifting and crotch straps for aided rescue
- Sprayhood (optional)
- Personal Locator Beacon (optional)
- All lifejackets are built around a modular design and can be configured according to specific needs.

ITEM NO.: PV9360

SOLAS approved

VARIANTS

RELATED PRODUCTS



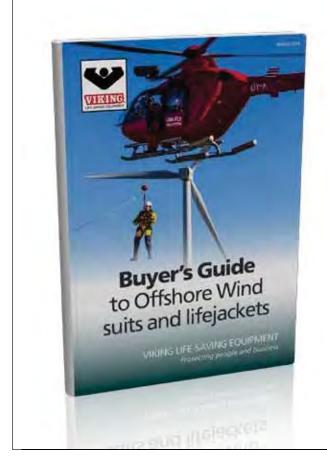
Personal locator Beacon (PLB)

- Lightweight
- 121.5 MHz transmission
- 24/7 monitoring
- 2 second auto-activation
- 40-second activation override
- IFD strobe
 - Test function
- 1 year warranty

ITEM NO.: R6200304



VARIANTS -RELATED PRODUCTS



All you need to know about offshore wind suits and lifejackets

Uncompromising safety on the water and in the air. Download your free copy on www.VIKING-life.com or contact your nearest VIKING location for further information

Polar solutions

VIKING offers a full range of safety products specially designed for frozen waters and harsh polar environments.

Severe winters can limit rescue operations. Fog makes evacuation by helicopter unsafe and winter ice makes the use of free fall lifeboats impossible.

Therefore, VIKING has modified its already proven offshore chute system to cope with the special conditions encountered when evacuating by chute directly onto a ship.





SES-2C Arctic Evacuation System

- Designed for Polar winter conditions
- Special heat tracing to prevent freezing
- Deploys directly onto vessel deck or to sea
- Customized options

Features

- Counterweight system allows deployment to sea, standby vessels, ice breakers and other ships etc.
- For fixed installations
- Max. evacuation height of 40 metres
- Operating temperatures from -40°C to +65°C
- Blast proof container
- Special heat tracing to prevent freezing around critical areas
- Integrated liferafts
- Max. evacuation capacity: 140 persons within 10 minutes

MSC recommended Personal Survival Kit (PSK) according to IMO guideline MSC/Circ. 1056

- Content: Head protection, neck and face protection, hand protection (mitts and gloves), foot protection (socks and boots), insulation suit, immersion suit, thermal underwear, handwarmers, sunglasses, survival candle, matches, whistle, drinking mug, pen knife, handbook (arctic survival), carrying bag
- Dimensions: approx. 68 x 55 x 36 cm
- Weight: 35 kg

ITEM NO.: S-5900096

According to IMO guideline MSC/Circ. 1056



VARIANTS	
-	-
RELATED PRODUCTS	
1051160	Group survival kit (GSK)

Heated Cabinets

- VIKING supplies a full range of heated cabinets
- Keep your suits, lifejackets etc. from freezing and over-icing
- Protected heater box inside cabinet
- Various sizes and electrical supplies are available
- ATEX approved heater
- Can be supplied for all cabinets





Comes in various dimension and colors. See cabinet section.

VARIANTS		
-	-	
RELATED PRODUCTS		
-	-	

MSC recommended Group Survival Kit (GSK)

- Content: Tent, air mattresses, sleeping bags, stove, stove fuel, fuel paste, matches, pan, fortified health drink, flashlights, candle and holder, snow shovel, tarpaulin, foot protection booties, container (dry bag)
- Further spare personal equipment is included: Head protection, neck and face protection, hand protection mitts and gloves, foot protection boots and socks, insulated suit, thermal underwear, handwarmers, sunglasses, whistle and a drinking mug
- 3 dry bags plus a spare personal equipment
- 1. Bag: Dimensions: 60 x 70 x 40 cm Weight: 25 kg
- 2. Bag: Dimensions: 60 x 70 x 40 cm Weight: 10 kg
- 3. Bag: Dimensions: 60 x 70 x 40 cm Weight: 11 kg.
- 4. Bag: Dimension: 65 x 60 x 25 cm
 Weight: 7 kg

ITEM NO.: 1051160

According to IMO guideline MSC/Circ. 1056

VARIANTS	
-	-
RELATED PRODUCTS	
S-5900096	Personal survival kit (PSK)
1057946	Go-Gel for GSK, 30 pcs replacement pack

Polar Liferaft (with Heated Container)

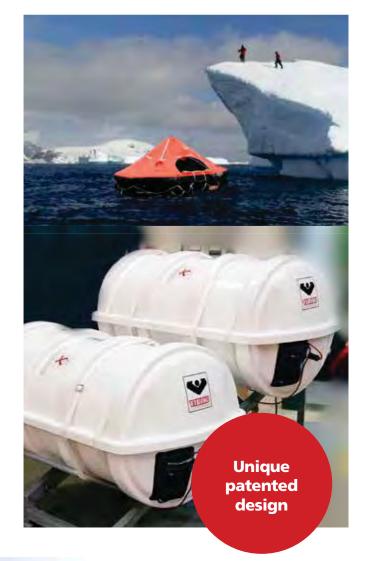
- Fully functional at temperatures as low as -50°C
- Efficient heating system ensures that the liferaft always inflates
- IP68 certified for blast proof areas

ITEM NO.: L025D0014AC5

According to IMO Polar guidelines and Russian winterization guidelines. Certified by DNV, USCG, TC Canada, ATEX and RMRS.

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VARIANTS			
-	6 person throw-overboard liferaft, polar		
-	8 person throw-overboard liferaft, polar		
-	10 person throw-overboard liferaft, polar		
-	12 person throw-overboard liferaft, polar		
-	16 person throw-overboard liferaft, polar		
-	16 person davit-launched liferaft, polar		
-	20 person throw-overboard liferaft, polar		
-	20 person davit-launched liferaft, polar		
-	25 person throw-overboard liferaft, polar		
-	25 person davit-launched liferaft, polar		
-	35 person throw-overboard liferaft, polar		
-	35 person davit-launched liferaft, polar		
RELATED P	RELATED PRODUCTS		
A Polar liferaft package typically consists of liferafts along with specially selected cradles, relays, cables and boxes suited for polar conditions.			
1056143	Control box supply for up to 2 adjacent containers		
1056183	Control box supply for up to 3 adjacent containers		
1042425	Hammar [®] HRU, heated		



1. Built-in silicone rubber heating mats prevent over-icing.

2. Heated Hydrostatic Release Unit (HRU)

3. The exterior supply box can heat two containers simultaneously. Its built-in and has built-in short circuit protection and power indicator provide total reliability. When the ambient temperature rises above approx. 9°C, the heater automatically deactivates.





VIKING Polar Liferaft has the following Patents:

DK Patent No. 176716 Patent Pending EP, US, CH

VIKING Polar liferafts are also available with ATEX approved electrical components required for offshore installations and vessels.

VIKING Polar Immersion Suit

- Built-in buoyancy
- Top of the line model with extra durability and extended protection
- Extra thermal barrier (300 g/m²)
- Interior braces for adjustable length
- Detachable gloves
- Lifting becket, buddy line and emergency light
- Airtight packaging optional
- Sizes: Universal 140-200 cm Over-size 190-210 cm
- Weight: 5.1 kg
- Tested to -62C storage and donning
- Dimensions: H x 67 x W 50 x D 24 cm (packed)

ITEM NO.: PS5002

VARIANTS	
PS5019	Top of the line immersion suit. One size with built- in buoyancy, lifting becket, buddy line, whistle and emergency line
PS5006	PU coated Nylon immersion suit. Standard model with detachable gloves and optional buddy line and lifting becket. Must be worn with a lifejacket
RELATED PRODUCTS	
-	-

VIKING Thermal SOLAS Lifejacket

- 140N lifejacket with integrated neoprene torso
- Snug fit with thermal capabilities, fits all sizes
- Emergency light, whistle, buddy line and lifting becket
- Weight: 1.95 kg
- Dimensions: H 25 x W 31 x D 31 cm (packed)

ITEM NO.: PV9720

96/98/EC and MSC-81(70) approved MSC-207(81) and MSC-200(80) compliant. MSC/Circ.922 approved



Top of

the line

VARIANTS		
RELATED PRODUCTS		

VIKING SOLAS Immersion/Anti-Exposure Suit for MOB Boat Crew

- Ideal for operations in both cold and warmer climates with choice of light or heavy zip-up thermal linings with integrated buoyancy foam
- Lifting becket, buddy line, light and whistle
- Choice of footwear, gloves and hood
 Host of design extras, i.e. print on
- back, embroidered patches etc.
- Specially designed to comply with the latest SOLAS requirements and maximize protection against hypothermia and cold shock
- Weight: 4.563 kg
- Dimensions: H 70 x W 53 x D 19 cm (packed)

ITEM NO.: PS4170

VARIANTS		
PS4180	SOLAS Anti-exposure suit with U-shaped zipper	
PS4185	Immersion suit with build in buoyancy	
PS4190/4191	Anti-exposure work and immersion suit	
RELATED PRODUCTS		
PV9320	Inflatable lifejacket, symmetrical 180N, configurable	
PV9360	Inflatable lifejacket, symmetrical 275N, configurable	
PV9361	Inflatable lifejacket, asymmetrical 275N, configurable	

BREATHABLE

GORE-TEX[®]

PAZIFIKTM

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Helilift Marin Hypothermia Stretcher

- Floating version with buoyancy device and weights
- Hypothermia blanket set
- Easy to maneuver in narrow corridors and emergency exits
- Temperature limits -40°C to +70°C
- Weight: 16 kg
- Dimensions: L 238 x W 100 x H 1 cm

ITEM NO.: 1035507



VARIANTS		
-	-	
RELATED PRODUCTS		
-	-	

Marine fire safety equipment

VIKING can supply complete packages of approved fire suits and related fire safety equipment on board 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.



Fire suits



VIKING 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 fire fighting
- Reflective trim, removable knee pads, radio and box pockets
- Sizes: S, M, L, XL, XXL, SPL

ITEM NO.: PS6598

CE approved according to EN469/2005 and 96/98EC SOLAS	
VARIANTS	
PS7161	VIKING Titan two piece fire suit
RELATED PRODUCTS	
S-5260360xx	Firemans boots
1017949	Firemans gloves



VIKING USCG/NFPA Offshore Fire Suit

- Lightweight and flexible fire suit with thermal protection exceeding new NFPA 1971-2013 standards
- Available with Hainsworth[®] TITAN, NOMEX[®], Advance[®] or PBI[®] Matrix fabrics
- Durable quality with raglan sleeves for exceptional comfort and freedom of movement
- Double stitching in all seams, heavy duty velcro in closures
- Extra thermal liner in shoulders to protect against compression
- Reflective trim, radio pocket and mic loop
- Sizes: S, M, L, XL, XXL, XXXL
- Pants: Weight: 2 kg Dimensions: H 40 x W 37 x D 17 cm
- Coat:: 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

VARIANTS	
PS1162/ PS1122	Lightweight NFPA garment with sewn in liner system
RELATED PRODUCTS	
-	-

VIKING Coverall Fire Suit

- Extremely lightweight and breathable fire suit according to EN469 Level 2
- NOMEX[®] III outer shell available in orange and navy blue
- Triple trim reflective tape package
- Sizes:
 S, M. L. XL, XXL, SPL
- Weight: 2.89 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 NOMEX [®] fire suit, orange	
PS6881	VIKING Coverall NOMEX® TITAN fire suit, blue	
RELATED PRODUCTS		
RELATED PRO	DUCTS	
RELATED PRO S-5260360xx	DUCTS Fireman boots	

VIKING Aramid[®] Multi-layer Fire Suit

- Approved for structural fire fighting
- Quality fire suit with insulation for extra protection against conductive heat
- Complete outfit with two piece fire suit, gloves, helmet and boots
- Sizes: S, M, L, XL, XXL
- Weight: 7.26 kg
- Dimensions: H 55 x W 46 x D 23 cm (packed)

ITEM NO.: PS3789

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



- Complete outfit with two piece fire suit, gloves, helmet and boots

VARIANTS		
PS6573	VIKING Aramid [®] fire suit	
RELATED PRODUCTS		
1054203	Visor for fire helmet 1024995	
1024862	Neck protection for fire helmet 1024995	



Fire accessories

Firefighter Gloves

- Black leather gloves
- Waterproof and fire resistant
- Sizes: 7-12
- Weight: 366-422 g
- Dimensions: W 33 x H 18 x D 5 cm (packed size 7)

ITEM NO.: 10179XX

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

VARIANTS		
1027424	Shelby NFPA gloves, model 5228	
1039XXX	VIKING Firefighter gloves (Helios 8008-E)	
RELATED PRODUCTS		
-	-	

Firefighter Boots

- Comfortable boots with reinforced toes and midsole
- Heat and oil resistant rubber sole with protection against penetrating nails
- Sizes: 36-50

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- 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 EN 15090:2006, EN ISO 20345:2004 and SOLAS/MED



VARIANTS		
S-5260170XX	NFPA firefighter boots (rubber)	
RELATED PRODUCTS		
PS3789	VIKING Aramid [®] multi-layer fire suit	
1054203	Visor for firefighter helmet	

(84)

Firefighter Helmet MAGMA

- Made of 3-P-Composite
- High heat and shock resistant
- Color: Yellow. Other colors on demand
- Integrated visor for eye and face protection
- Chin strap with 4-point attachment
- Weight: approx. 1.500 g

ITEM NO.: 1063566

Approved according to EN 443:2008 EN 14458:2004 SOLAS/MED



VARIANTS	
1027490	Bullard LTX NFPA firefighter helmet
1024995	Firefighter helmet
RELATED PRODUCTS	
1054203	Visor for fire helmet 1024995
1024862	Neck protection for firefighter helmet 1024995
PS383567	Firefighter hood, EN13911 approved

Short Handled Firefighter Axe

- Weight: 1.05 kg
- Dimensions: Length: 32 Head: 15 Handle: 3 (L 32 x W 15 x D 3 cm)

ITEM NO.: 1048027

VARIANTS	
1017940	Long handled firefighter axe
1001236	Short handled firefighter axe, 34 cm
RELATED PRODUCTS	
1020780	Pouch for short handled firefighter axe

Heat Resistant Waist Belt

- Belt of 50 mm Kevlar webbing and Kevlar stitching
- Buckle and D-ring of stainless steel
- 1.2 metre Kevlar lanyard with carabiner
- Weight: 0.75 kg

ITEM NO.: 1037279



VARIANTS		
1025302	Safety belt with 2 D-rings, without safety line	
1010833	Safety belt with 2 D-rings, incl. safety line. EN approved	
RELATED PRODUCTS		
1042277	Fire proof safety line	
1043083	Full harness AG10/MAS10 with D-ring	

Long Handled Firefighter Axe

- Wooden handle
- Weight: 3 kg
- Dimensions: L 90 x W 20 x D 5 cm

ITEM NO.: 1017940

VARIANTS		
1021766	Long handled firefighter axe, insulated	
RELATED PRODUCTS		
1006019	Cover for long handled firefighter axe	

SOLAS marine fire package

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

NEW REGULATION!





UHF Hand Held Radio Item No.: 1063619 See page 115

Stren &

Firefighter hood

Item No.: PS383567

Torch light Item No.: 1058219 See page 119



Compressor Item No.: 1045777 See page 88

Fire proof safetyline Item No.: 1042277 See page 117 **Firefighter helmet** item no.: 1024995 See page 85

Visor for firefighter helmet item no.: 1054203 See page 85

Neck protection for fire helmet item no.: 1024862 See page 85

Self-contained breating apparatus (Incl. cylinder) Item No.: 1056036 See page 88

Spare cylinder for SCBA Item No.: 1045656 See page 88

Fireman waistbelt Item No.: 1043103 See page 85

Pouch for firefighter axe Item No.: 1020780 See page 85

Firefighter gloves Item No.: 10179xx See page 84

Short firefighter axe Item No.: 1048027 See page 85

Long handled firefighter axe Item No.: 1017940 See page 85

Firefighter suit Item No.: PS6561 See page 82

Firefighter boots Item No.: S-5260360xx See page 84

(86)



Breathing apparatus



Facemask interface with mic and speaker.





Lapel mic PPT assembly C-C500. Variant depend on radio type.



Facemask with Sabrecom 2 communication system installed

Integrate your handheld radio with your Scott SCBA using the Scott Sabrecom 2 interface. The interface varies depending on radio type and brand.

Self-Contained Breathing Apparatus Scott Safety, SIGMA-2

- Complete BA set incl. mask (Panaseal), backplate, harness and regulator, excl. cylinder (needs to 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

VARIANTS	
-	-
RELATED PR	ODUCTS
1055530	Scott Sabrecom 2 radio communications facemask interface
1063872	Face mask for Scott SCBA, type Promask, for radio integration
-	Scott PPT assembly for Sabrecom 2 (variant depend on radio type)
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
1045659	Panaseal mask for Scott BA

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Self-Contained Breathing Apparatus Dräger, PAS Lite

- Complete BA set incl. backplate, harness, and regulator
- Delivered with Panorama Nova face mask
- Can be used with steel or composite cylinders
- Delivered without cylinder
- Weight: 3.4 kgDimensions:
- H 66 x W 33 x D 18 cm



ITEM NO: 1057793

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

VARIANTS		
-	PSS3000 - individual configured upon request	
-	PSS5000 - individual configured upon request	
-	PSS7000 - individual configured upon request	
-	Dräger PAS Micro - available upon request	
-	Dräger PAS Colt - available upon request	
RELATED PRODUCTS		
1045716	Dräger cylinder 6 l/300 bar, steel, filled	
1052127	Dräger cylinder 6.8 l/300 bar, composite, filled	
1045642	Dräger Panorama Nova mask for Dräger BA sets	
1034140	Dräger FPS 7000 mask for Dräger BA sets	
1050199	Dräger FPS-COM 5000 communication unit for Dräger FPS 7000 mask	
1055466	Dräger MS-COM radio communication for Panorama Nova mask	
-	Dräger C-C440 Push-To-Talk (PTT) unit (variant depend on radio type)	

Air Compressor, L&W

- LW 100 E ECO, 3-phase, 400
 V, 50Hz, 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

VARIANTS	
1022700	Air compressor 225 l/min. type LW 225 E, 400V / 3 phase / 50 Hz
RELATED PRODUCTS	
-	-

Cylinders for Self-Contained Breathing Apparatus

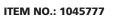
- Can be refilled with an air compressor that has a working pressure of 300 bar
- Weight and dimensions vary depending on the material, capacity and content (filled / empty)

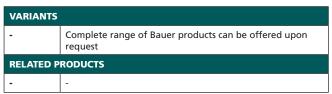


VARIANTS	
1039805	Scott cylinder 6 l/300 bar, steel, empty
1045656	Scott cylinder 6 l/300 bar, steel, filled
1045689	Scott cylinder 6.8 l/300 bar, composite, filled
1045716	Dräger cylinder 6.8 l/300 bar, composite, filled
1052127	Dräger cylinder 6.8 l/300 bar, composite, filled
RELATED PRODUCTS	
-	-

Air Compressor, Bauer

- Junior II-E, 3-phase, 440 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 W 36 D 66 cm





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



VARIANTS		
-	-	
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 ore fire escape hoods, additional tested for the use against H2S in accordance with DIN 58647-7
- Packing types: Hard Case, Soft Pack, and Single Pack
- Filter life time: 8 years

ITEM NO.: -



VARIANTS		
Escape hood Parat 5510, Single Pack		
Escape hood Parat 5520, Soft Pack		
Escape hood Parat 5530, Hard Case		
RELATED PRODUCTS		
-		

Ocenco EEBDs from 2002 will soon need replacing

Get another 15 years of compliance - maintenance-free!



Replacing your Ocenco EEDBs?

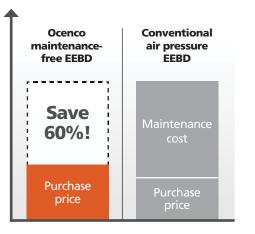
Ocenco M-20.2 Emergency Escape Breathing Devices (EEBDs) were installed in their thousands from 2002 - with a proven track record of being maintenance-free for 15 years.

Now, devices purchased in 2002 are close to reaching their expiry date and a new Ocenco M-20.2 EEBD is the wisest choice for replacement.

Replacing your conventional EEBDs?

If you currently have conventional air pressure EEBDs on board, there's plenty to gain by switching to the Ocenco M-20.2. With absolutely no maintenance costs, it will quickly pay its way.

The Ocenco M-20.2 is included in your VIKING Global Safety Product Agreement (GSPA) for easy availability at competitive prices in key ports. And you can request delivery directly from a VIKING global stockpoint to avoid the hassles of dangerous goods transportation, too.



EEBD lifetime cost (15 years)



EEBD Escape Set Ocenco M-20.2

- No additional service charges such as annual fees and 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 in the belt during inspections or other work related situations
- Meets all national and international standards
- One time use unit, training need to be carried out with OCENCO's training
- Solid track record since 2001

ITEM NO.: 1008018

	\odot	
VARIANTS		
1043554	EEBD Escape Set Dräger SAVER CF 15	
1042498	EEBD Escape Set Scott ELSA 15B	
RELATED PRODUCTS		
1008020	Steel bracket for EEBD Ocenco	

Training model for Emergency Escape Breathing Device with Video and Manual (Ocenco)

- 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



VARIANTS		
-	-	
RELATED PRODUCTS		
1008020	Steel bracket for EEBD	

EEBD Escape Set Scott ELSA 15B

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

ITEM NO.: 1042498



VARIANTS				
1008018	EEBD escape set Ocenco M - 20.2			
1043554	EEBD escape set Dräger SAVER CF 15			
RELATED PRODUCTS				
1043583 Spare cylinder for Scott ELSA 15B				

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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 effective 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 supplies a range of suitable cabinets for portable extinguishers. See the section on storage boxes on page 134.



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, CO₂.



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 - offshore range

VIKING's offshore range for portable fire extinguishers are high quality European made extinguishers special designed to the requirements within the offshore industry.

Main product highlights

- Cylinder: sandblasted steel
- Inner coating: Polyethylene
- Outer coating: two component polyamine primer and a zinc based polyurethane aliphatic isocyanate bicomponent 150µm top coat
- Valves: brass with levers of stainless steel 316L
- Hoses: EPDM with brass couplings and stainless steel bushes
- Dielectric test: 35 KV at 1 metre distance.
 Can be used on electrical equipment up to 1,000 volt at 1 metre distance.

Offshore Fire Extinguisher, Powder

- 6 kg. ABC dry powder
- Cartridge operated
- Suitable for fire classes A, B and C
- Weight: 11 kg.
- Dimensions: 56 x 16 x 19 cm

ITEM NO.: 1060039



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VARIANTS			
1060050	Fire extinguisher, ABC powder, 9 kg, catridge operated, offshore		
1060051	Fire extinguisher, 12 kg, ABC powder, catridge operated, offshore		
1060052	Fire extinguisher, 6 kg, ABC powder, stored pressure, offshore		
1060053	Fire extinguisher, 9 kg, ABC powder, stored pressure, offshore		
1060054	Fire extinguisher, 12 kg, ABC powder, stored pressure, offshore		
RELATED PRODUCTS			
-	Brackets, agents and cartridges can be found on page 94		

Offshore Fire Extinguisher. Foam

- 9 Liter concentrated
 Sealfire AFFF foam
 Cartridge operated
- Suitable for fire classes
 A. B and F
- Weight: 15 kg.
- Dimensions: 55 x 19 x 22 cm

ITEM NO.: 1060036



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VARIANTS					
1060035	Fire extinguisher, foam, 6 L, cartridge operated, offshore				
1060037	Fire extinguisher, foam, 6 L, stored pressure, offshore				
1060038	Fire extinguisher, foam 9 L, stored pressure, offshore				
RELATED PRODUCTS					
-	Brackets, agents and cartridges can be found on page 94				

Offshore Fire Extinguisher, CO₂

- 5 kg. CO,
- Stored pressure
- Suitable for fire class B
- Weight: 14 kg.
- Dimensions: 79 x 14 x 28 cm

ITEM NO.: 1060055



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VARIANTS RELATED PRODUCTS Brackets, agents and cartridges can be found on page 94

Wheeled fire extinguisher - offshore range

VIKING's offshore range for wheeled fire extinguishers are high quality European made extinguishers special designed to the requirements of the offshore industry.

Main highlights og the products

- Cylinder (foam and powder): stainless steel ASIS 304
- Outer coating: two component polyamine primer and a zinc based polyurethane aliphatic isocyanate bicomponent 150µm top coat
- Outer frame: detachable stainless steel AISI 304 (less welded point on the cylinder reducing corrosion risk)
- Handwheel valves (on cartridge operated units): stainless steel 316L
- Hoses: EPDM with brass couplings and stainless steel bushe

Offshore Wheeled Fire Extinguisher, Foam

- 50 litter super concentrate Sealfire AFFF 1% foam
- Cartridge operated
- 5 metre discharge hose w. alloy foam nozzle and turning ball valve stainless steel AISI 316
- Suitable for fire classes A and B
- Weight: 84 kg.
- Dimensions: 115 x 46 x 56 cm

ITEM NO.: 1060056



VARIANTS - - RELATED PRODUCTS - Agents can be found on page 94

Offshore Wheeled Fire Extinguisher, Powder

- 50 kg. ABC dry powder
- Cartridge operated
- 5 metre discharge hose w. nylon discharge horn and turning ball valve stainless steel AISI 316
- Suitable for fire classes A, B and C
- Weight: 84 kg.
- Dimensions: 105 x 45 x 56 cm

ITEM NO.: 1060057



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 VARIANTS

 1061658
 Wheeled extinguisher, ABC dry powder, offshore

 RELATED PRODUCTS

 Agents can be found on page 94

Offshore Wheeled Fire Extinguisher, Co₂

- 20 kg Carbon Dioxide (CO₂)
- 5 metre discharge hose
- Suitable for fire class B

ITEM NO.: 1060059



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VARIANTS			
1060058 Wheeled fire extinguisher, 10 kg, Co ₂ , offshore			
RELATED PRODUCTS			
-	Agents can be found on page 94		

Spare parts for fire extinguisher - offshore range

Spare parts specially selected for VIKING's offshore fire extinguishers

Brackets for Portable Offshore Fire Extinguishers

- Robust steel bracket with latch closure to ensure the best stability
- Safety pin provided to ensure the correct closure
- Steel versions are coated with black powder epoxy polyester paint
- Stainless steel versions are made of stainless steel 304 making it durable in harsh conditions



VARIANTS				
1060065	Bracket, stainless steel for 6 k and 6 ltr. extinguishers			
1060066	Bracket, stainless steel for 9/12 kg and 9 L extinguisher			
1060067	Bracket, stainless steel for 5 kg CO ₂ extinguisher			
RELATED PRODUCTS				
-	-			

Spare Powder for Portable Offshore Fire Extinguishers

- High quality powder made in Germany
- Manufactured in accordance with requirements of EN615
- Delivered in sealed plastic bag to protect contents during storage



ITEM NO.: -

VARIANTS					
-	-				
RELATED PRODUCTS					
1060068	Spare ABC powder (40%) 9 kg., for 9 kg. ABS powder fire extinguisher				
1060069	Spare ABC powder (50%) 6 kg., for 6 kg. ABS powder fire extinguisher				
1060070	Spare ABC powder (40%) 6 kg., for 12 kg. ABS powder fire extinguisher (2 pcs. to be used pr .extinguisher)				
1060071	071 Spare ABC powder (30%) 25 kg., for 50 kg. ABS powder fire extinguisher (2 pcs. to be used pr. extinguisher)				

Cartridges for Portable Offshore Fire Extinguishers

Original CO₂ cartridges for ABS extinguisher



VARIANTS					
1060045	Spare cartridge for 6 and 9 ltr ABS foam fire extinguisher (55 g.)				
1060046	Spare cartridge for 6 kg. ABS powder fire extinguisher (150 g.)				
1060047	Spare cartridge for 9 and 12 kg. ABS powder fire extinguisher (210 g.)				
1037009	Spare cartridge for 50 ltr. ABS foam fire extinguisher				
RELATED PRODUCTS					
-	-				

Spare Foam for Portable Offshore Fire Extinguishers

- High quality Sealfire foams for achievement of highest extinguishing performance
- Various types of Sealfire foam available

ITEM NO.: -



VARIANTS		
-	-	
RELATED PRODUCTS		
1060063	0.9 I Seal fire foam 3% for 9 L ABS Fire Extinguisher	
1038081	2.7 I Sealfire foam 2% for 50 L ABS Fire Extinguisher	

Fire hose packages

Complete with all parts required

A blanking cap protects the hydrant from dirt and salt water when not in use. A coupling spanner can be stored inside the cabinet to make connection and disconnection possible. A cabinet is needed to store the fire hose.



1023759 - Coupling spanner 1036084 - Fire hose cabinet, left side opening

Product description	Hydrant	Blanking cap	Fire hose standard 20 metre	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

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Hose Reel Cabinet

- 1" rubber hose
- Steel door frame in RAL 3000
- 1" water inlet ball valve of brass PN16 + gauge to water supply connection.
- Fixed with 1" full jet spray nozzle.
- Certified to MED requirements.
- EN671 approved

ITEM NO.: -

VARIANTS				
1062913	68 x 68 x 23 cm	36 kg	20 metres hose	
1062914	68 x 68 x 23 cm	37 kg	25 metres hose	
1062915	70 x 70 x 30 cm	42 kg	30 metres hose	
RELATED PRODUCTS				
-	-			



Foam Inductor Package





Product description	Fire hose 25 metre	Mixer	Pick up hose	Foam canister 20 litre	Fire hose 10 metre	Foam branch pipe
Storz C - Brass	1022685 (2" hose)	1022641 (200 litre)	1011237	1038582 x 2	1022682 (2" hose)	1022636 (200 litre)
Storz C - Aluminium	1022681 (2" hose)	1011238 (200 litre)	1022635	1038582 x 2	1022679 (2" hose)	1011227 (200 litre)
Storz 65 - Brass	1022691 (2.5" hose)	1022643 (200 litre)	1011237	1038582 x 2	1032745 (2.5″ hose)	1037572 (200 litre)
Storz 65 - Aluminium	1022688 (2.5" hose)	1022642 (200 litre)	1022635	1038582 x 2	1038587 (2.5" hose)	1037573 (200 litre)
Storz C - Brass	1022685 (2" hose)	1022645 (400 litre)	1011237	1038582 x 2	1022682 (2" hose)	1022639 (400 litre)
Storz C - Aluminium	1022681 (2" hose)	1022644 (400 litre)	1022635	1038582 x 2	1022679 (2" hose)	1022639 (400 litre)
Storz 65 - Brass	1022691 (2.5" hose)	1022646 (400 litre)	1011237	1038582 x 2	1032745 (2.5" hose)	1037574 (400 litre)
Storz-65 - Aluminium	1022688 (2.5" hose)	1022702 (400 litre)	1022635	1038582 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)	1038582 x 2
Storz C - Aluminium	1022681 (2" hose)	1062880 (200 litre) without ball valve (ABS)	1038582 x 2
Storz 65 - Brass	1022691 (2.5" hose)	1062883 (200 litre) without ball valve (ABS)	1038582 x 2
Storz 65 - Aluminium	1022688 (2.5" hose)	1062889 (200 litre) with ball valve (ABS)	1038582 x 2
Storz C - Brass	1022685 (2″ hose)	1037576 (400 litre) without ball valve (Delta)	1038582 x 2
Storz C - Aluminium	1022681 (2" hose)	1022712 (400 litre) without ball valve (Delta)	1038582 x 2
Storz 65 - Brass	1022691 (2.5" hose)	1037577 (400 litre) without ball valve (Delta)	1038582 x 2
Storz 65 - Aluminium	1022688 (2.5" hose)	1037578 (400 litre) without ball valve (Delta)	1038582 x 2

Standard Fire Hose with Storz Couplings

- 100% synthetic yarn (outer material), synthetic rubber (liner)
- Diametre: 1.5" 2.5"
- Colour: white
- Other lengths and couplings available upon request



VARIANTS

VARIANTS	
1034662	Fire hose, standard, 1,5", 15 metre, Storz 38, aluminium
1032437	Fire hose, standard, 1,5", 15 metre, Storz 38, brass
1021185	Fire hose, standard, 1,5", 20 metre, Storz 38, aluminium
1032436	Fire hose, standard, 1,5", 20 metre, Storz 38, brass
1032873	Fire hose, standard, 1,5", 20 metre, Storz C, brass
1022679	Fire hose, standard, 2", 10 metre, Storz C, aluminium
1022682	Fire hose, standard, 2", 10 metre, Storz C, brass
1022680	Fire hose, standard, 2", 15 metre, Storz C, aluminium
1022683	Fire hose, standard, 2", 15 metre, Storz C, brass
1021188	Fire hose, standard, 2", 20 metre, Storz C, aluminium
1022684	Fire hose, standard, 2", 20 metre, Storz C, brass
1022681	Fire hose, standard, 2", 25 metre, Storz C, aluminium
1022685	Fire hose, standard, 2", 25 metre, Storz C, brass
1022686	Fire hose, standard, 2.5", 15 metre, Storz 65, aluminium
1022689	Fire hose, standard, 2.5", 15 metre, Storz 65, brass
1045347	Fire hose, standard, 2.5", 20 metre, Storz 65, aluminium
1022690	Fire hose, standard, 2.5", 20 metre, Storz 65, brass
1022688	Fire hose, standard, 2.5", 25 metre, Storz 65, aluminium
1022691	Fire hose, standard, 2.5", 25 metre, Storz 65, brass
RELATED P	RODUCTS
1038295	Fire hose, standard 2", 60 metre without couplings
1038296	Fire hose, standard 2.5", 60 metre without couplings

Jet Spray Nozzle

- 16 mm nozzle
- With Storz C aluminium adaptor
- Also available in 12 and 19 mm upon request



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ITEM NO: 1042341

VARIANTS			
1042345	16 mm nozzle with Storz 38 aluminium adaptor		
1042346	16 mm nozzle with Storz 38 brass adaptor		
1042280	16 mm nozzle with 2" BSP male thread		
1042344	16 mm nozzle with Storz C brass adaptor		
RELATED PRODUCTS			
1021188	Fire hose, standard, 2", 20 m, Storz C aluminium		

Heavy Duty Fire Hose with Storz Couplings

- Synthetic Polydur
- High restistance to acids, salt, solutions, oil and fuel
- Diametre: 1,5" 2,5"
- Colour: Red

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Other lengths and couplings available upon reguest

Due to new regulations 2.5" no longer holds MED approval



VARIANTS

	P			
1032874	Fire hose, Polydur, HYGRAPHA, 15 metre, 1.5", Storz C, brass			
1032875	Fire hose, Polydur, HYGRAPHA, 20 metre, 1.5", Storz C, brass			
1025076	Fire hose, Polydur, HYGRAPHA, 15 metre, 2", Storz C, brass			
1025077	Fire hose, Polydur, HYGRAPHA, 20 metre, 2", Storz C, brass			
1025078	Fire hose, Polydur, HYGRAPHA, 25 metre, 2", Storz C, brass			
1025079	Fire hose, Polydur, HYGRAPHA, 15 metre, 2.5", Storz 65, brass			
1025080	Fire hose, Polydur, HYGRAPHA, 20 metre, 2.5", Storz 65, brass			
1025081	Fire hose, Polydur, HYGRAPHA, 25 metre, 2.5", Storz 65, brass			
RELATED PRODUCTS				
1025417	Fire hose, Polydur, 2", 60 metre without coupling			
1025418	Fire hose, Polydur, 2.5", 60 metre without coupling			

Turbo Nozzle

- Flowrate: 130/235/400 L/Min
- Throw dist. Full jet: 26-32-40 m
- Throw dist. 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		
1047531	Turbo nozzle, Akron, 1720, 1,5" nh female - MED app.		
1056936	Turbo nozzle, Akron, 3020, 1,5" nh female - USCG app.		
1060893	Turbo nozzle, Akron, 1702 w. Storz C - MED app.		
RELATED PRODUCTS			
-	-		



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Storz couplings and adaptors

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

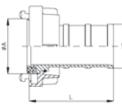
VIKING supply all common international couplings and its accessories, e.g. sealing rings and coupling spanners.

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Blank Cap with Chain

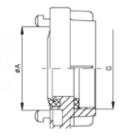


Suction Hose Coupling



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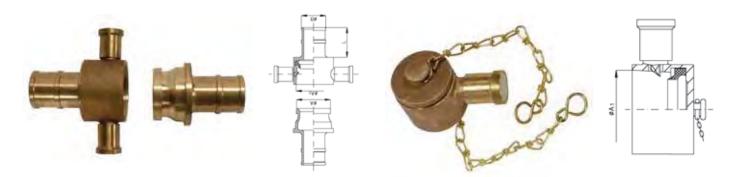




Adaptor

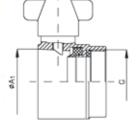
Suction hose coupling	Size / material	A (mm)	B (mm)	L (mm)
1038389	38 / aluminium	51	38	90
1038390	38 / brass	51	38	90
1047832	C-52 / aluminium	66	52	90
1047833	C-52 / brass	66	52	90
1025090	65 / aluminium	81	65	90
1025096	65 / brass	81	65	90
Adaptors	Size / material	A (mm)	G (inch BSP, female)	
1030415	38 / aluminium	51	2″	
1032435	38 / brass	51	2″	
1025097	C-52 / aluminium	66	2"	
1025098	C-5 / brass	66	2″	
1047856	65 / aluminium	81	2 1/2"	
1033837	65 / brass	81	2 1/2"	
1047842	38 / aluminium	51		
1038567	38 / brass	51		
1025101	C-52 / aluminium	66		
1025102	C-52 / brass	66		
1047846	65 / aluminium	81		
1025104	65 / brass	81		
Sealing rings	Size			
1045190	D-25			
1047871	38			
1047872	C-52			
1047873	65			
1047874	B-75			

UK - instantaneous



Delivery Hose Coupling





Blank Cap with Chain, Female



Adaptor

Blank Cap with Chain, Male

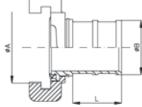
Delivery hose coupling	Size	A (mm)	A1 (mm)	B (mm)	L (mm)
1047875	DN 1 1/2" / brass	44	48	38	50
1047876	DN 2 1/2" / brass	71	74.8	38	70
1047877	DN 2 1/2" / brass	71	74.8	52	70
1047878	DN 2 1/2" / brass	71	74.8	64	70
Adaptors	Size	A1 (mm)	G (inch BSP, fema	le)	
1045202	DN 2 1/2" / brass	48	2″		
1047884	DN 2 1/2" / brass	74.8	2"		
Blank caps with chain (female)	Size	A (mm)			
1045201	DN 2 ½" / brass	71			
Blank caps with chain (male)	Size	A (mm)			
1047879	DN 2 1/2" / brass	71			
Sealing rings	Size				
1045206	DN 1 1/2"				
1047885	DN 2 1/2"				

Nakajima

Blank Cap with Chain



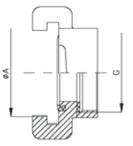
Delivery Hose Couplings



Adaptor







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Delivery hose coupling	Size	A (mm)	B (mm)	L (mm)
1047923	DN 40 / brass	61	38	45
1047710	DN 50 / brass	74	52	55
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″	
1045236	DN 50 / brass	74	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		
1047928	DN 50 / brass	74		
1047929	DN 65 / brass	92		
Sealing rings	Size			
1047933	DN 40 / brass			
1047934	DN 50 / brass			
1047935	DN 65 / brass			



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″	
1047898	DN 2 1/2" / brass	2 1/2"	
Sealing rings	Size		
1047946	DN 1 1/2" / brass		
1047945	DN 2 1/2" / brass		

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

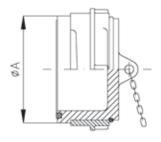
Guillemin

Adapter



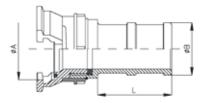
Blank Cap with Chain





Delivery Hose Coupling





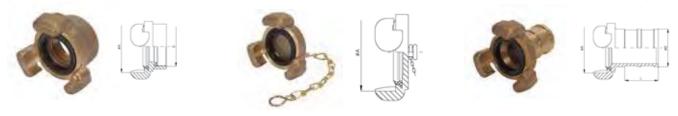
Delivery hose Ccoupling	Size	A (mm)	B (mm)	L (mm)
1047901	DN 40 / brass	55	44	64
1045300	DN 50 / brass	69	50	45
1047903	DN 65 / brass	84	64	70
1047904	DN 65 / brass	84	70	70
Adaptors	Size	A1 (mm)	G (inch BSP, female)	
1047908	DN 40 / brass	55	1 1/2″	
1055552	DN 40 / brass	55	2″	
1045223	DN 50 / brass	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

Adapter

Blank Cap with Chain

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

Adapter

Blank Cap with Chain





Delivery hose coupling	Size	A (mm)	B (mm)	L (mm)
1047911	DN 1 1/2" / brass	50	38	60
1047913	DN 2" / brass	66	52	60
1047912	DN 2 1/2" / brass	83	68	60
1047914	DN 2 1/2" / brass	83	64	60
Adaptors	Size	A1 (mm)	G (inch BSP, female)	
1047917	DN 1 1/2" / brass	50	DN 1 1/2"	
1047919	DN 2" / brass	66	DN 2"	
1047920	DN 2 1/2" / brass	83	DN 2"	
Blank caps with chain	Size	A (mm)		
1045228	DN 1 1/2" / brass	50		
1047915	DN 2" / brass	66		
1047916	DN 2 1/2" / brass	83		
Sealing rings	Size			
1045231	DN 1 1/2" / brass			
1047921	DN 2" / brass			
1047922	DN 2 1/2" / brass			



Chemical and gas detection

Gas Tight Chemical Suit Type 1B-ET

- One-piece protection suit with form rubber seal in the hood, gloves and boots size 46
- BA set worn outside the suit
- Polyamide matrix-base fabric coated with high-performance elastomers
- Colour: orange
- Size: XL (180-190 cm)
- Mask not included

ITEM NO.: 1022114

Approved according to EN943-2:2002



VARIANTS			
1022115	Gas tight chemical suit, Type 1B-ET, 100% para-aramide base fabric coated with high-performance elastomers, XL		
1034771	Limited life gas tight chemical suit, Type 1A-ET, BA set worn inside the suit, L		
RELATED PRODUCTS			
1042936	Repair kit for 1022114		
1030698	Repair kit for 1022115		
1046487	Full face mask, GEMINI PS		
1056036	Self-contained breathing apparatus, Scott Safety, SIGMA-2		

Gas Tight Chemical Suit Type 1B

- One-piece protection suit with form rubber seal in the hood, gloves and boots size 46
- BA set worn outside the suit
- Polyamide matrix-base fabric coated on both sides with POLYRAN
- Colour: yellow
- Size: L (170-185 cm)
- BA set not included

ITEM NO.: 1042005

Approved according to EN943-1:2002



VARIANTS		
1042202	1042202 Gas tight chemical suit Type 1B, XL	
RELATED PRODUCTS		
1046487	Full face mask, GEMINIS PS	
1056036	Self-contained breathing apparatus, Scott Safety, SIGMA-2	

Chemical Boiler Suit Type 3 and 4

- One-piece protection suit liquid tight and spray tight
- Double sided PVC coated Polyester fabric
- High frequency welded seamsElastic windcuff at wrist and
- ankles
- Colour: green
- Size: L

ITEM NO.: 1042193

Approved according to EN466:1995 and EN465:1995

VARIANTS		
1042194	Chemical boiler suit type 3 and 4, XL	
1042196	Chemical boiler suit type 3 and 4, XXL	
RELATED P	RODUCTS	
1042990	Chemical protective boots, size 45	
1022615	Chemical protective gloves, L	
1042956	Chemical protective goggles	
1042963	Chemical protective face shield	
1048016	Chemical protective safety helmet, yellow	
1042950	Chemical protective apron	

Chemical Protective Gloves

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

ITEM NO.: 1022615

Approved according to EN388 and EN374



VARIANTS	VARIANTS		
1022616	Acid-proof gloves (XL) - length 33 cm		
1022617	Acid-proof gloves (XXL) - length 33 cm		
RELATED P	RODUCTS		
1042193	Chemical boiler suit type 3 and 4, L		
1042990	Chemical protective boots, size 45		
1042956	Chemical protective goggles		
1042963	Chemical protective face shield		
1048016	Chemical protective safety helmet, yellow		
104295	Chemical protective apron		



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



VARIANTS	VARIANTS		
-	-		
RELATED P	RODUCTS		
1042193	Chemical boiler suit type 3 and 4, L		
1022615	Chemical protective gloves, L		
1042956	Chemical protective goggles		
1042963	Chemical protective face shield		
1048016	Chemical protective safety helmet, yellow		
1042950	Chemical protective Apron		

Chemical Protective Goggles

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

ITEM NO.: 1042956

Approved according to EN166



VARIANTS	VARIANTS		
-	-		
RELATED P	RODUCTS		
1042193	Chemical boiler suit type 3 and 4		
1042990	Chemical protective boots, size 45		
1022615	Chemical protective gloves, L		
1042963	Chemical protective face shield		
1048016	Chemical protective safety helmet, yellow		
104295	Chemical protective apron		

Full Face Mask

- Dual filter
- Material: EPDM rubber
- One size: L
- Weight: 418 g Dimensions:
- 21 x 28 x 16 cm (packed)

ITEM NO.: 1030707

Approved according to EN136



Chemical	Resistant	Safety	Helmet
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- With 6-point terylene harness and sweatband
- Colour: yellow

ITEM NO.: 1048016

Approved according to EN397



VARIANTS				
1030705	Half face mask, size M		VARIANTS	
1030706	Half face mask, size L		-	-
RELATED PRODUCTS		RELATED PRODUCTS		
1030708	ABEK Filter mask, 2 filters		1042963	Chemical protective face shield
		1		

Oil Spill Response Kit

- Stored in a watertight fibreglass box
- Response kit contains:
- Oil sorbent socket booms, absorbing (1046413)
- Oil sorbent pads 1 packet of 200 pieces (1046409)
- Aquabreak dispersant, degreasing 10 ltr (1046604) -
- Jet spray for oil spill kit, 3bar, 5 ltr (1046421) _
- -Hand cleaner 4.5 ltr can (1046422)
- -Oil spill kit bag 1000 ltr PVC (1046607)
- -Plastic bucket 10 ltr (1046608)
- -Oil dispersant 20 ltr can (1046400)
- Gloves, oil and acid resistant pair, PVC (1039829) -
- Chemical suit, light duty, size L, SS20 (1053318) -
- Acid protective boots with steel cap, PVC, size 44 (1042989) -
- Protective goggles without airing, antifog (1042956) -
- Half mask PROFILE 40, EN140 (1046492) -
- Filter, A2B2E1P3, EN14387 cartridge (1046493) -
- Bailer (1048254) -
- Shovel, complete, spark free (1046605) -
- Hand scoop and dust pan, spark free (1046606) -
- Broom, long handled, 100cm (1046609) _
- -Pump, manually operated (1046407)
- Box for oil spill control, watertight (1046406) -

ITEM NO.: 1046404

Approved according to IMO A535/13 and OPA of 1990, Section 4202



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)	
RELATED PRODUCTS		
-	-	

CHEMICAL AND GAS DETECTION

Wall Mounted Electrical Risk Rescue kit

Electrical safety kit for 24 KV model CATU CZ54-R

Contents of kit:

- Cabinet with transparent door with instructions
- Insulated platform
- Insulated gloves
- Telescopic stick with rescue hook
- Voltage detector with flexible antenna fixed on hook
- Insulated boots
- Cable cutter
- Talcum powder
- Dimensions: 84 x 745 x 27 cm
- Weight: 21 kg

ITEM NO.: 1040509

Complies with IEC standards

VARIANTS

-	Electrical safety kit 36 kV model CZ-55R	
RELATED PRODUCTS		
1026423	Electrical insulated gloves	
1029128	Electrical rescue stick	





CHEMICAL AND GAS DETECTION



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Multi-Gas Detector with Integrated Pump

- Martek Marine-4
- Measures LEL for vapor and combustible gases, O2, CO and H2S
- Integral sampling pump and 3 metre hose for pre-entry test
- Charger included
- Waterproof down to 1 metre (IP 67)
- Dimensions: 121 x 59 x 32 mm
- Weight: 230 g

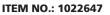
ITEM NO.: 1061615

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

VARIANTS		
1052356	Dräger X-AM 5000 EX, O2, CO, H2S	
1054730	Draeger X-AM 2500 EX,O2,CO,H2S (8323918), incl. battery and charger	
1043748	BW Multi Gas Alert, Max XT II	
1043749	BW Multi Gas Alert, Micro Clip XL	
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, O2	
1061621	Spare Sensor, H2S/CO	
1061622	Spare Sensor, LEL	

Gas Detection Pump

- For use with gas tubes
- Includes a nylon bag
- See VIKINGsafetyshop.com for tube variants
- Weight: 225 g
- Dimensions: L 17.1 x W 4.5 x H 8.5 cm





Full range of Dräger test tubes available upon request

VARIANTS	
-	-
RELATED PRODUCTS	
1022648	Accuro, extension hose, 3 metre

Single-Gas Detector

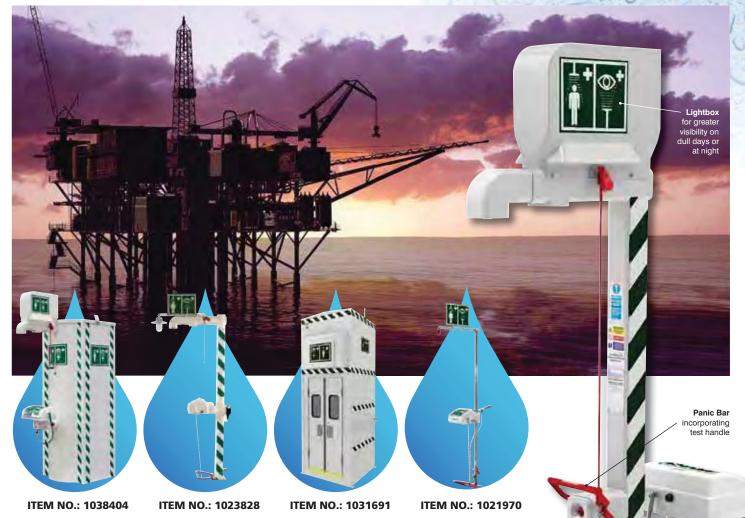
- Model PAC 5500
- Measures: CO, H₂S, or O₂ gasses
- Continuous concentration display and event logger
- 2 year maintenance free no lifetime limitation
- Specify gas type when ordering
- Weight: 120 g
- Dimensions: H 84 x W 64 x D 25 mm

ITEM NO.: 1030710 (CO)



VARIANTS		
1043609	Single Gas detection model PAC 3500	
1043741	Single gas detector, gas alert clip, Extreme O2	
1043744	Single gas detector, gas alert clip, Extreme H2S	
RELATED PRODUCTS		
-	-	

THE HARSHEST ENVIRONMENTS DEMAND THE BEST EQUIPMENT. HUGHES SAFETY SHOWERS



Emergency Safety Showers and Eye/Facewash equipment are required in all locations where chemicals and hazardous substances are in use.

Hughes Safety Showers manufacture a range of products that are ideally suited to the extreme climates and rigorous conditions experienced within the onshore and offshore oil, gas and petrochemical industries.

For cold climates and arctic conditions the STD-TC-100K/11K is capable of maintaining a water temperature of between 25 to 35°C.

The EXP-AH-5GS/45G is pre-insulated with extra trace tape heating to prevent water inside the shower freezing.

In cold climates and areas with low water pressure the EXP-MH-14K/1200 POLAR is ideally suited for supplying water at the ANSI recommended 15 minutes. An immersion heater is fitted to provide tempered water whatever the outside ambient temperature. A chiller unit is fitted when the shower is installed in hot climates.

The EXP-SD-18GS/45G is a self draining shower, this reduces the water held in the stand pipe overheating through solar radiation.

HUGHES

HUGHES-SAFETY.COM

Bodyspray

Panel Foot Control as the primary operation for the shower and body spray Eyebath/Facewash incorporating integral lid

> Treadle Foot Control operates the eye/facewash

ITEM NO.: 1038251

With over 45 years experience Hughes Safety Showers manufactures world class products for the onshore and offshore oil industry

Eyewash and Facewash Fountain

- Hughes STD-45 G
- Various models are available upon request
- Weight: 3.5 g
- Dimensions: H 23 x W 36 x D 38 cm

ITEM NO.: 1023833



VARIANTS				
-	-		VARIANTS	
RELATED P	RODUCTS		1023828	Safety shower and eyewash s
1021970 Safety shower and eyewash station (indoor) R		RELATED P	RODUCTS	
1023828	Safety shower and eyewash station (outdoor)		1023833	Eyewash and facewash founta

Eyewash

- 2 x 500 ml bottles sterile saline
- 2 x sterile eye pads
- 1 x acrylic mirror

ITEM NO.: 1052628



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)	
1023828	Safety shower and eyewash station (outdoor)	
1023833	Eyewash station	

Safety Shower and Eyewash Station (Indoor)

- Hughes EXP-18 G/45 G
- Other models are available upon request
- Weight: 19 g
- Dimensions: H 74 x W 14 x D 28 cm (packed)

Dimensions: H 230 x W 34 x D 75 cm (installed)

ITEM NO.: 1021970



VARIANTS	
1023828	Safety shower and eyewash station (outdoor)
RELATED PRODUCTS	
1023833	Eyewash and facewash fountain

Tank shower with 1200 liter tank

- Shower activated by the panic bar on the foot panel
- Many options if materials and colours
- Available in different sizes
- Can be offered in heated polar version
- Weight (std. version, w/o water) 320 kg.
- Dimensions: H 353 x W 150 x 137 D cm



VARIANTS	
-	Ask your VIKING contact person
RELATED PRODUCTS	
-	-



Medical equipment

Basket Stretcher, Spencer Shell

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

ITEM NO.: 1008912





Must be ordered separately

VARIANTS		
1008910	Twin shell basket stretcher	
RELATED PRODUCTS		
1008915	Lifting bridles for basket stretcher	
1008913	Storage carrying bag for Spencer Shell	
1008911	Storage carrying bag for Spencer Shell Twin Shell	
1008914	Floating device for basket stretcher	
1029757	Restraint belt for stretcher	
1031026	Cabinet for basket stretcher or spine board	

Spencer TOTAL Recovery Stretcher

- Strong, versatile and compact rescue stretcher
- Made by robust and durable plastic with thermal treatment
- Suitable for rescue from cramped environments
- Delivered in transport bag



VARIANTS	
1020724	Neil Robertson stretcher (UK version)
RELATED P	RODUCTS
-	-

Spine Board Stretcher

- Immobilising stretcher
- Model: B-bak pin
- Made of high density completely recyclable polyethylene
- X-Ray compatible
- Weight: 6.5 kg
- Maximum load capacity: 180 kg
- Dimension:
 W 41 x D 5 x L 184 cm

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	

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



VARIANTS	
-	-
RELATED PRODUCTS	
1020727	Lifting harness for paraguard stretcher

Scoop Stretcher

- Enables gentlemaneuvering of the patient on to the stretcher
- Adjustable to different lengths
- Made of aluminium
- With 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



VARIANTS	
-	-
RELATED P	RODUCTS
1008919	Head immobiliser

First Aid Kit

Contains first aid plaster, ethylchloride spray, optrex eye lotion, optopharm sterile wash, bandages, dressings, gloves, antiseptic, safety pins, first aid at work leaflet, instant ice pack disposable, chalk, pencil and note book, tourniquet, CPR resuscitation mask, forcep, sterile gauze, adhesive tape.



VARIANTS	
-	-
RELATED PRODUCTS	
-	-

Portable Oxygen Respirator according to MFAG

- 2 x oxygen cylinders light metal, filled
- Volume: 2 l
- Pressure: 200 bar
- Content per cylinder: 400 l
- Incl. oxygen masks, a pressure reducer (4 l/min)
- Carrying bag included

ITEM NO.: 1043508



VARIANTS	
1025082	Resuscitator pack, 1 x 2 l oxygen cylinder, empty
1010759	Spare oxygen cylinder for 1025082, 2 l, empty
RELATED PRODUCTS	
1043510	Spare oxygen cylinder
1043508	Filled 2 L/200 bar
	I

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





VARIANTS	
-	-
RELATED PRODUCTS	
-	-

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



VARIANTS	
-	-
RELATED PRODUCTS	
1034905	Battery pack for Lifeforce defibrillator
1034908	Defibrillator pad package

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 to HSE 1981



VARIANTS	
1043822	First aid kit DIN13157 incl. bracket
RELATED PRODUCTS	
-	-



Communication

SART

- ACR Pathfinder[™] Pro
- Compact size
- Replaceable battery with a 5 year life span, 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	
1050965	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	

ACR GlobalFix GPS EPIRB, Float Free

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

ITEM NO.: 1038878



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VARIANTS	
-	ACR GlobalFix GPS EPIRB, with mounting bracket
1027620	GME MT403, manual and water activated, Programmed
1037973	GME MT403G with GPS, manual and water activated, Programmed
1027627	GME MT403, manual and water activated, with float free function, Programmed
RELATED PRODUCTS	
-	-

UHF Hand Held Radio

- Model SP3560
- Submersible to IP67 (1 M for 1 hour)
- 15 pre-programmed maritime channels
- Charger included

ITEM NO.: 1063619

Complies to IMO regulation, SOLAS II-2/10

COMPLIES WITH IMO REGULATION, SOLAS II-2/10

VARIANTS	
-	UHF hand held radio, ATEX, ENTEL HT-982
1057897	UHF hand held radio, ATEX, ENTEL HT-883
1054412	UHF hand held radio, ATEX, ENTEL HT-983
1057898	VHF hand held radio, ATEX, ENTEL HT-844
1057640	VHF hand held radio, ATEX, ENTEL HT-944
RELATED PRODUCTS	
?	Headset

AIS Search and Rescue Transmitter, easyRescue

- Model A040-BM-COM from Weatherdock
- 96 hours transmission after activation
- Transmission range up to 10 nautical miles
- GPS position updated every minute
- Automatic activation by rip cord and magnetic switch
- Battery life of 5 years (if not used)
- Available as ATEX approved
- Compatible with VIKING inflatable lifejackets

ITEM NO.: 1057570

VARIANTS

RELATED PROD



VHF Hand-Held Radio

- 21 channel survival radio
- Model SR203 (ACR #2827) for emergency use only
- Delivered with non-replaceable lithium battery
- Marine grade high impact case
- High contrast/backlit digital display and keypad
- Battery life of over 16 hours continuous operation
- 5 year battery life

ITEM NO.: 1052710



VARIANTS		
1052710	VHF SR203 (2828) hand held survival radio with rechargeable battery kit, every day and emergency use	
RELATED PRODUCTS		
1029531	Spare lithium battery (ACR #1061) for SR203 (2827)	
1057322	Spare lithium battery, rechargeable (ACR #1062) for SR203 (2828)	

B MT410G 406 MHz with GPS

Personal Locator Beacon (PLB)

- Model AU9-X from Sea Marshall
- Zone 2 ATEX intrinsically safe approved
- Works with a MRT Sartfinder base unit
- Lightweight and easily fits a lifejacket or PFD
- LED strobe on antenna for visual tracking
- Automatic low battery indicator

ITEM NO.: 1026080

ATEX approved

VARIANTS





	-	-
DUCTS	RELATED PR	RODUCTS
	1026946	GME PLB MT410G 406 MHz with
	1026945	GME PLB MT410 406 MHz
	1050462	ACR PLB ResQLink+ (ACR 2881)



Lifebuoys, ladders and accessories

Lifebuoy Package, 2.5 kg



PRODUCTS	
1022623	Lifebuoy, 2.5 kg.
1022628	Floating line for lifebuoy
1050970	Lifebuoy light including bracket
1010967	Lifeline per metre (up to 200 metres)
1022625	Bracket for lifebuoy

Lifebuoy Package, 4.3 kg



PRODUCTS	
1022624	Lifebuoy, 4.3 kg, VIKING
1038349	Quick release for MOB system, stainless steel
1008636	MOB signal and bracket
1022628	Floating line for lifebuoy 30 m
1010967	Lifeline per m (up to 200 m)

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VIKING Lifebuoy, 2.5 kg

- Outer diametre: 72 cm
- Reflective tape
- Grab line

ITEM NO.: 1022623



VARIANTS	
1036588	Lifebuoy 2.5 kg, 75 cm, Redding
1043195	Lifebuoy 2.5 kg, Datrex, USCG approved
RELATED PRODUCTS	
1022628	Floating line for lifebuoy, 30m
1050970	Lifebuoy light including bracket
1011252	Storage cabinet for lifebuoy

VIKING Lifebuoy, 4.3 kg

- Outer diametre: 72 cm
- Reflective tape
- Grab line

ITEM NO.: 1022624



VARIANTS	
Lifebuoy 4.5 kg, 75 cm, Redding	
Lifebuoy 4.5 kg, Datrex, USCG approved	
RELATED PRODUCTS	
Light smoke signal comes with bracket	
Quick release for lifebuoys, st. steel	

Lifebuoy Bracket

- For 72 cm lifebuoy
- Stainless steel (type SS 316)

ITEM NO.: 1034664



VARIANTS		
1022625	Lifebuoy bracket for 75 cm, stainless steel	
1009246	Lifebuoy bracket for 72-75 cm, stainless steel	
RELATED PRODUCTS		
1022623	Lifebuoy, 2.5 kg, VIKING	
1036588	Lifebuoy, 2.5 kg, Redding	
1022624	Lifebuoy, 4.3 kg, VIKING	
1036590	Lifebuoy, 4.3 kg, Redding	

Floating Line For Lifebuoy

- Diametre: 8 mm
- Length: 30 m



VARIANTS			
1057947	Floating line for lifebuoy 30 m in plastic tube for lifebuoy		
1010967	Floating line for lifebuoy per m (up to 200 m)		
1039669	Floating line for lifebuoy 45 m		
1039670	Floating line for lifebuoy 60 m		
RELATED P	RELATED PRODUCTS		
1022623	Lifebuoy, 2.5 kg, VIKING		
1022624	Lifebuoy, 2.5 kg, Redding		
1022624 1036588	Lifebuoy, 2.5 kg, Redding Lifebuoy, 4.3 kg, VIKING		



Lights and signals

Lifejacket Light Daniamant WR3

- Single compact flashing light water activated
- Water and manually activated
- Recessed version of W3

ITEM NO.: 1057890

Approved according to USCG



VARIANTS			
R6200002 Lifejacket light, Daniamant M3 (manually activated)			
R6200006	R6200006 Lifejacket light, Daniamant W3 (water activated)		
RELATED PRODUCTS			
PV9320	Inflatable lifejacket, symmetrical 180N, configurable		
PV9360	Inflatable lifejacket, symmetrical 275N, configurable		
PV9361	Inflatable lifejacket, asymmetrical 275N, configurable		
PV9520	VIKING SOLAS solid lifejacket		

Lifejacket Light 6-EX

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

ITEM NO.: 1049880

Approved according to SOLAS/MED, USCG and ATEX



WOLF LITE Handlamp

- Wolf Lite model number H-4DCA
- Explosive gas, vapour and mist certified for zones 1 & 2, up to T4 temperature class
- Dust ignition protected for zones 21 and 22, for dusts with ignition temperatures over 135°C
- Ingress protection to IP66
- CE marked to ATEX Directive
- Lloyd's Register Type Approved
- Uses 4 x R20 batteries
- Delivered without batteries
- Weight: 1.45 kg (incl. batteries)
- Dimensions: L 18.5 x Head 13 x Housing 4 cm



ITEM NO.: 1022891

ATEX 94/9/EC Directive Compliant

VARIANTS				
1004204	Angled torch light	VARIANTS		
1058219	Torch light		1039701	Angled torch
RELATED PRODUCTS			RELATED P	RODUCTS
1004258	Battery size R20 (pack of 2)	ſ	1002369	Battery AA, 7
		_		

Angled Torch Light

■ Little Ed[™]

- Explosion proof
- 4 x AA alkaline batteries
- Weight: 200 g (without batteries)
- Dimensions: L 19.1 x D 8.9 cm

ITEM NO.: 1039701

ATEX approved for use in hazardous locations zone 0



VARIANTS			
1004204	Little Ed [™] rechargable, incl. batteries		
1022891	Wolf Lite handlamp H-4DCA (uses 4 x D cell batteries - 1004258)		
RELATED PRODUCTS			
1002369	Battery AA, 1.5 volt (pack 1) for light 1039701		

Torch Light

- Explosion proof
- 3 x AA batteries required
- Delivered without batteries
- Weight: 180 g incl. batteries
- Dimensions: L 15.6 x W 5 x D 5 cm

ITEM NO.: 1058219

ATEX approved for use in hazardous locations category 1/Zone 0



VARIANTS		
1039701	1039701 Angled torch light	
RELATED PRODUCTS		
1002369	Battery AA, 1,5 Volt (pack 1) for 1058219	

LED Torch Light

- Rechargeable
- Explosion proof
- 4 x AA alkaline batteries
- Weigth 170 q (without batteries)
- Dimensions: H 13.6 x W 8.3 x D 7 cm

ITEM NO.: 1054260

ATEX approved for use in hazardous locations category 2/Zone 0



VARIANTS		
1039701	Angled torch light	
1004204	Little Ed rechargeable, incl. batteries	
RELATED PRODUCTS		
-	-	

Lifebuoy Light Daniamant L90

- Alkaline batteries included
- Bracket ordered separately
- Drop height of 60 m

ITEM NO.: 1001213 FOR LIGHT L90 ITEM NO.: 1006513 FOR BRACKET L90



VARIANTS			
1056398	Lifebuoy Light L170 with Bracket, MED/SOLAS approved		
1036722	Lifebuoy light L162, MED and USCG approved		
1036945	Lifebuoy light L160, MED approved		
RELATED PRODUCTS			
1004258	Batteries for lifebuoy light L90		
1003219	Bulb for lifebouy light L90		
1037632	Dome for lifebuoy light L90		
1048302	Sealing ring for lifebuoy light L90		
1022623	Lifebuoy 2.5 kg, VIKING		
1036588	Lifebuoy 2.5 kg, 75 cm, Redding		

Explosion Proof Lifebuoy Light

- Daniamant L163
- LED technology
- 76 metre drop height
- 5 year battery lifetime
- Compact size and easy fitting
- Weight: 320 g
- Dimension: H 185 x W 106 x D 106 mm

ITEM NO.: 1036947

SOLAS/MED/USCG/ATEX/ IECEc/ETL. approved



VARIANTS			
1036722	Lifebuoy light L162, SOLAS/MED and USCG approved		
1036721	Lifebuoy light L161, SOLAS/MED, ATEX, IECEx and ETL approved		
1036945	Lifebuoy light L160, SOLAS/MED approved		
RELATED PRODUCTS			
-	-		



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80% of offshore operators could simplify their safety equipment servicing

We've simplified safety equipment logistics for market-leading operators. And we can do it for you, too.

Service scheduling and notification should be automatic, parts need to be in the right place at the right time – all with minimal impact on the offshore unit's ability to operate.

Decades in the business tell us safety equipment servicing can be streamlined in over 80 percent of cases, reducing administrative overheads and lowering compliancy risks. VIKING Offshore Safety Agreements can take care of your multi-brand safety equipment servicing with a wide range of customizable solutions. And you're not locked in if your needs should change.

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Contact your VIKING offshore safety specialist today to find out more.

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VIKING LIFE-SAVING EQUIPMENT - Protecting people and business

(121)



Pyrotechnics and line throwing

Parachute Rocket Signal

- Burn time: 40 sec
- Light intensity: 30,000 candela
- Weight: 235 g
- Dimensions: L 295 x Ø 32 mm (38 mm at handle)

ITEM NO.: 1000321



VARIANTS		
-	-	
RELATED PRODUCTS		
1000320	Handflare signal	
1000323	Smoke signal	
1001205	Plastic watertight container for pyrotechnics	

Handflare Signal

- Burn time: 60 sec
- Light intensity: 15,000 candela
- Weight: 160 g
- Dimensions: L 280 x Ø 28 mm



VARIANTS		
-	-	
RELATED PRODUCTS		
1000321	Parachute rocket signal	
1000323	Smoke signal	
1001205	Plastic watertight container for pyrotechnics	

Single Shot Line-throwing Device

- 1 rocket
- 1 line
- Throwing range: 250 m
- Weight: 4.3 kg
- Dimensions: L 33 x H 31.3 x Ø 20.5 cm
- ITEM NO.: 1031187



VARIANTS			
1024768	Single shot line-throwing device, Hansson PyroTech		
1020222	Single shot line-throwing device, Restech PLT R-230		
1029676	Single shot line-throwing device, Restech PLT M-150		
RELATED PRODUCTS			
1002371	Replacement rocket for line-throwing device		
1010635	Line-throwing device without rocket		
1029830	Replacement rocket for line-throwing device, Hansson PyroTech model		

Smoke Signal

- Burn time: 4 min
- Weight: 340 g
- Dimensions: H 100 x Ø 84 mm

ITEM NO.: 1000323



VARIANTS		
-	-	
RELATED PRODUCTS		
1000320	Handflare signal	
1000321	Parachute rocket 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
- Weight: 4.7 kg
- Dimensions: H 453 x Ø 275 mm

ITEM NO.: 1008636



VARIANTS	
1024767	Light smoke signal (MOB), Hansson PyroTech
RELATED PRODUCTS	
1020803	Adapter plate for MOB signal

Distress Signals

- Lightweight personal signal launcher
- Contains 9 red aerial flare cartridges and a penjector
- Easy cartridge loading and unloading
- Stored in a water resistant case
- Weight: 160 g
- Dimensions: L 180 x H 58 x D 25 mm

ITEM NO.: 1033324



VARIANTS

 1033325
 Personal signal launcher with pen and 3 red cartridges

 RELATED PRODUCTS

PLT Rescue 230 – SOLAS Approved LTA

- Operates on compressed air, non-pyrotechnics version
- 4-6 multiple high precision shots before recharging
- 7 types of projectile also available
- No expiry date
- Optional PLT line retrieval, launches up to 85 metres (commonly used for AHTS operations and emergency towing), adjustable lines)
- Also available as PLT 75 that launches a rubber ball up to 90 metres and the PLT 150 that launches a floating rubber tipped projective up to 140 metres
- Weight: 15 kg
- Dimensions: L 1410 x H 415 x D 159 mm (in container)

ITEM NO.: 1020222

MED-B-6519, type approval LB-427, USCG approval 160.040/EC0575/6519



PLT 150 Pneumatic Line Thrower, 140 metres, Complete Set

- Operates on compressed air, non-pyrotechnics version
- Delivered with two projectiles
- Other projectiles and configurations available
- Used for various mooring operations



VARIANTS	
1038608	PLT 75 pneumatic line thrower, 90 metres, complete set
1022326	PLT Mini pneumatic line thrower, 90 metres, complete set
RELATED PRODUCTS	
-	-



Emergency equipment

FROG XT-4 Personnel Transfer Device

- Spring Mounted seats protecting passengers from up to 4.5 ms vertical impact
- Robust stainless steel frame and buoyancy protect from lateral impacts
- Quick release harnesses allow fast evacuation and protect against falling
- Self-rights and floats in the water
- Weight: 500 kg (without personnel)
- Dimensions: W 266 cm, H 218 cm

ITEM NO.: FROG XT-4



VARIANTS	
1052206	6 person transfer device with MedEvac mode FROG-6
FROG-6 Arctic	Low temperature, 6 person transfer device with MedEvac mode
FROG-9	9 person transfer device
1040552	Toro personnel transfer device
RELATED PRODUCTS	
-	-

Wave Personnel Transfer Device

- 4 person standing transfer device that allows for evacuation by stretcher
- Robust stainless steel frame with buoyancy shield providing overhead and lateral impact protection
- Self-rights and floats in the water
- Dimensions: 1710 x 1710 mm, smallest footprint of any 4 person transfer device
- 10 year lifespan



VARIANTS	
1020801	Safe Transfer offshore personnel basket (4 person)
1022975	Collapsible Billy Pugh net (4 person)
1038754	Billy Pugh X-904-4 personnel transfer device
RELATED PRODUCTS	
-	-

A new personnel carrier for standing passengers that offers impact protection, fall prevention and has floating and self-righting capabilities. Millions of passengers have been safely transferred using Reflex Marine carriers over the last 15 years. Industry experience and feedback led to the development of WAVE which focuses on passenger experience, cost efficiency and ease of ownership.

WAVE is in the final stages of development and will be available for delivery from April 2016. Please contact us for the latest update. November 2015

IMPACT PROTECTION

- Robust stainless steel frame
- Buoyancy shield providing overhead and lateral impact protection

≈ reflexmarine

 Shock absorbing, durable landing feet





FALL PREVENTION

Rope stabilisers

Hand grips

Contoured buoyancy

IMMERSION PROTECTION

- Self-righting
- Floating



- Slide in stretcher for medical transfers
 Casualty positioned above
- the waterline

INSPECTION AND MAINTENANCE



Simple maintenance schedule
10 year lifespan

Dacon Rescue Frame

- Manual recovery system for FRC and smaller crafts
- 5 year warranty
- No mandatory service intervals
- Compact storage in PVC cover
- Intuitive and easy to use

ITEM NO.: -



VARIANTS	
-	1.8 m horizontal length, maximum 0.6 m freeboard
-	1.2 m horizontal length, maximum 0.6 m freeboard
-	1.8 m horizontal length, maximum 1.2 m freeboard
-	1.2 m horizontal length, maximum 1.2 m freeboard
RELATED PRODUCTS	
-	-

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

SAFE TRANSFER Offshore Personnel Basket

- 4 persons or 500 kg
- For safe personal transport
- DNV certified
- Weight: 500 kg
- Dimensions:
 H 3150 x Ø 2600 mm
- Also available in an 8 person version

ITEM NO.: 1020801



Dacon Rescue Dummy

- Realistic size and weight, 85 kg / 190 cm
- Robust and built to last
- Adjustable floating position

ITEM NO.: -



VARIANTS	
-	Dacon Rescue Dummy with PVC coverall
-	Dacon Rescue Dummy with PVC coverall, submersible model for rescue divers
RELATED PRODUCTS	
-	-

Billy Pugh Personnel Transfer Device, X-904-4

- Fast and efficient transport of personnel
- Made of sturdy, durable aluminium skeleton protecting against falling objects and side impact
- Equipped with quick release safety lanyards to provide safety and give the rider confidence while in transit
- X-904-4 model



VARIANTS	
1022975	Collapsible Billy Pugh transfer net (4p)
RELATED PRODUCTS	
-	-

VARIANTS	
1022975	Collapsible Billy Pugh transfer net (4p)
RELATED PRODUCTS	
-	Other Billy Pugh variants available upon request

Donut Descent Device for Offshore

- Donut 15 m tape
- For direct evacuation to a throw-overboard liferaft
- Can be the last means of escape
- Weight: 2.6 kg
- Dimensions: H 300 x
 W 210 x D 140 mm

ITEM NO.: 1035292

Lloyd's Register Type Approval



VARIANTS	
1035292	Donut 15 metre tape - 50N/LES
1035293	Donut 32 metre tape - 100N/LES
1035294	Donut 46 metre tape - 150N/LES
1035295	Donut 65 metre tape - 200N/LES
RELATED PRODUCTS	
-	-

Pilot Ladder

- Wooden steps
- Available in various lengths
- Weight depend on chosen size: Weight: 37-60 kg

Approved according to MED

VARIANTS	
1026210	Pilot ladder, 3 m
1022435	Pilot ladder, 4 m
1026212	Pilot ladder, 5 m
1010434	Pilot ladder, 6 m
1020995	Pilot ladder, 7 m
1020996	Pilot ladder, 8 m
1010435	Pilot ladder, 9 m
1026217	Pilot ladder, 10 m
1023812	Pilot ladder, 14 m
1023813	Pilot ladder, 16 m
1023814	Pilot ladder, 18 m
1026226	Pilot ladder, 19 m
1023815	Pilot ladder, 20 m
RELATED PRODUCTS	
-	-

Tripod – MN10 MILLER ALUMINIUM

- Suitable for evacuation of injured persons in confined spaces
- 2 anchorage points
- Self-locking fully adjustable legs with rubber feet
- Complete with 1 pulley
- Height 2.10 metre
- Max. working load 136 kg
- Weight: 15 kg
- Tripod supplied without winch

ITEM NO.: 1062924

VARIANTS	VARIANTS		
1062925	Winch with 30 metre galv. cable for Tripod		
1062926	Evacuation body splint kit		
1062927	Pulley kit complete for Tripod		
1062928	Bag for Tripod Miller		
RELATED P	RELATED PRODUCTS		
-	Miller Manhandler winch for tripod with 30 metre cable.		
-	Miller Evac body splint kit		
-	Miller Pulley kit complete		
-	Miller bag for tripod		

Embarkation Ladder

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

Approved according to MED

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VARIANTS		
1026189	Embarkation ladder, 3 m	
1026193	Embarkation ladder, 4 m	
1026188	Embarkation ladder, 5 m	
1024305	Embarkation ladder, 6 m	
1026190	Embarkation ladder, 7 m	
1026191	Embarkation ladder, 8 m	
1022380	Embarkation ladder, 10 m	
1026194	Embarkation ladder, 11 m	
1020998	Embarkation ladder, 12 m	
1020999	Embarkation ladder, 14 m	
1026198	Embarkation ladder, 15 m	
1021000	Embarkation ladder, 16 m	
1026200	Embarkation ladder, 17 m	
1021002	Embarkation ladder, 18 m	
1026202	Embarkation ladder, 19 m	
1021003	Embarkation ladder, 20 m	
1026205	Embarkation ladder, 22 m	
1029732	Embarkation ladder, 27 m	
RELATED P	RELATED PRODUCTS	
-	-	



MOB Boat Gear Equipment

MOB equipment cabinet with related safety content as specified in NORSOK S-001, a mandatory requirement for installations according to the PSA/NMD regulations.

- Cabinet (1042525) or Box (1036328)
- 4 swimsuits for MOB crew of wet suit type (1050317)
- 6 work suits (PS4170)
- 3 lifejackets (PV9360)
- Thermal protective blanket (TPA) (1032814)
- VHF radio with suitable charger (1057898)

2 bags each containing:

- 30 metre lifeline (1022628)
- Pair of flippers (1025064)
- Divers knife (1027360)
- Divers mask with breathing tube (1025465)
- Standard size waterproof torch (1030566)
- Mini sized waterproof torch (1037567)
- 6 kg lead belt (1050195)
- Pair of night glasses (1050196)
- Weight: 6.2 kg
- Dimensions: H 184 x W 50 x D 41 cm

ITEM NO.: 1036728 (BOX TYPE)

Approved acc. to NORSOK S-001

Safety Station Cabinet

- Green cabinet, RAL 6002 marked "Safety Equipment Cabinet" (1042532)
- 4 vacuum wrapped blankets (1032814)
- Scoop type stretcher (1020725)
- Basket type stretcher (1008912, 1008915)
- First aid kit (1022966)

ITEM NO.: -

Approved acc. to NORSOK S-001



ITEM NO.: 1042532



ITEM NO.: 1020725





VARIANTS

 1042525
 MOB boat gear equipment, cabinet type

 RELATED PRODUCTS

-

Offshore Personal Grab Bag

- For use on offshore installations and barges, typically stored in lockers or in accommodation areas
- Contains the following items:

1x1018685	VIKING Grab Bag
1x1024164	Escape Smoke Hood, Cogo
1xPV9320	Lifejacket, VIKING 1 SOLAS
1x1041072	Torch light, Bright Star 2317C ATEX
2x1004258	Torch light batteries
1x1017949	VIKING Fire Gloves (indicate sizes)
1x1001206	Light Stick

Items ordered separately



VARIANTS		
-	-	
RELATED PRODUCTS		
-	-	



Helicopter safety equipment

Helicopter Crash Kit Box

- Model Jo Bird JB22H
- Dimensions: H 605 x W 935 x D 480 mm
- Weight: 16 kg
- IP56 rating

ITEM NO.: 1011273

Delivered acc. to regulation CAP437



VARIANTS	
1022948	JB08 Helicopter crash kit with contents (contact VIKING)
RELATED PRODUCTS	
1022201	BA set
PS3864	Fire gloves
1020796	Drilling machine 220V, with cable, EU plug

Helicopter Crash Kit Cabinet

- Model Jo Bird JB08
- Dimensions: H 1540 x W 915 x D 530 mm
- Weight: 33kg
- IP56 Rating



VARIANTS	
1011273	Helicopter crash kit box, type JB22H
1022948	Helicopter crash kit cabinet, type JB08, with contents (contact VIKING)
RELATED PRODUCTS	
1021188	Standard fire hose with Storz couplings

HELICOPTER SAFETY EQUIPMENT

Helicopter safety kit

VIKING can help you put together the right helicopter crash kit. The following is the most common helicopter crash kit equipment according to CAP 437 guidance on standards for offshore helicopter landing areas. Special regulation in Norway with regards to Norwegian Oil and Gas Helideck Manual, section 3.1.9 as well as Regulation No. 1181 – Aviation Act of Civil Aviation Authority (CAA-N) # 41 recommends additional products to CAP 437.



	ltem no.	Description	CAP 437		
1	1022953	Adjustable wrench, 12"	Adjustable wrench	H1/H2	H3
2	1017940	Rescue axe, 90 cm	Rescue axe, large (non-wedge or aircraft type)	H1/H2	H3
3	1022954	Bolt cutter, 24"	Cutters, bolt	H1/H2	H3
4	1022956	Crowbar, 36"	Crowbar, large	H1/H2	H3
5	1024212	Wooden pole with brass hook, 1.8 m	Hook, grab or salving	H1/H2	H3
6	1022958	Hacksaw 12" with spare blades	Hacksaw (heavy duty) and six spare blades	H1/H2	H3
7	1009250	Fire blanket, 180 x 120 cm in PVC	Blanket, fire resistant	H1/H2	H3
8	1029873	Extendable ladder, 3 m	Ladder (two-piece)*	H1/H2	H3
9	1042277	Safety Line with snap hook, 30 m	Lifeline (5 cm circumference x 15 m in length)	H1/H2	H3
10	1043083	Full harness with D-ring	Rescue harness for lifeline	H1/H2	H3
11	1022955	Pliers, side cutting (tin snips)	Pliers, side cutting (tin snips)	H1/H2	H3
12	1022957	Set of assorted screwdrivers, 6 pcs	Set of assorted screwdrivers	H1/H2	H3
13	1023825	Harness knife and sheath	Harness knife and sheaths	H1/H2	H3
14	10179xx	VIKING firefighter gloves	Gloves, fire resistant for each helideck crew member**	H1/H2	H3
15	1023827	Power cutting tool	Power cutting tool	-	H3
16	1056036	SCBA Sigma Type 2		Optional	
17	1045656	Cylinder for SCBA		Optional	
18	1023824	Large aircraft axe, Bristol	2 pcs according to Norwegian recommendation - Variant of 1017940	Norway	
19	1042597	Plate scissors		Norway	
20	1050682	Hammer with rubber grip		Norway	
21	1056436	Sledgehammer 4 pounds with rubber grip	Variant of 1020682	Norway	
22	1056295	Hydraulic bottle jack	Min 0.5 ton capacity	Norway	
23	1058219	Hand torch light, explosion proof	2 pcs according to Norwegian recommendation	Norway	
24	1056330	Hook in aluminium extendable to 3 m	Alternative	Norway	

* For access to casualties in an aircraft on its side.
 ** This equipment is required for each helideck crew member.

HELIMESH®

THE WORLD'S PREMIUM QUALITY OFFSHORE HELIDECK PERIMETER SAFETY NET SYSTEMS



HELiMESH[®] safety netting is manufactured using premium quality 316 Stainless Steel materials from the world's most reputable steel mills. Each new batch of materials is quarantined pending "Positive Material Identification" testing by our independent third-party metallurgical laboratories. Full materials traceability is provided on completion of each project in M.D.R (Manufacturer's Data Report) format.

All HELiMESH projects are delivered with installation materials and tools. Installation is normally undertaken by the facility's maintenance crew. However, a specialist installation crew can be provided if preferred or required.

HELIMESH 10°

HELIMESH 25°

PREMIUM SAFETY NET SYSTEM (ONLY SURPASSED BY HELIMESH 25)	THE WORLD'S PREMIUM SAFETY NET SYSTEM
HELIMESH 25 & 10 ARE THE ONLY CORROSION RESISTANT PRODUCTS ON THE MARKET THAT WILL NOT MELT, BURN OR DETERIORATE WITH EXPOSURE TO UV-RADIATION OR BIRD GUANO	HELIMESH 25 & 10 ARE THE ONLY CORROSION RESISTANT PRODUCTS ON THE MARKET THAT WILL NOT MELT, BURN OR DETERIORATE WITH EXPOSURE TO UV-RADIATION OR BIRD GUANO
FULLY COMPLIES WITH CAP 437 AND UK O&G GUIDELINES ON HELIDECK SAFETY ISSUE 2	FULLY COMPLIES WITH CAP 437 AND UK O&G GUIDELINES ON HELIDECK SAFETY ISSUE 2
EASY INSTALLATION AND QUICK REMOVAL FOR MAINTENANCE AND EASY RE-INSTALLATION	EASY INSTALLATION AND QUICK REMOVAL FOR MAINTENANCE AND EASY RE-INSTALLATION
FOR PLATFORMS WITH LIMITED LIFE EXPENTANCY OR LIMITED BUDGETS (COST IS ONLY 2/3 OF HELIMESH 25)	NO REPEATED COSTLY UNINSTALLS AND RE-INSTALLS
SAME PRICE AS OTHER MANUFACTURERS INFERIOR PRODUCTS	MINIMUM 2,5 TIMES THE LIFE SPAN OF ANY OTHER PRODUCT ON THE MARKET
HIGH END PRODUCT FOR LONG LIFE EXPENTANCY – FOR NEW BUILDS AND RETROFITS	HIGH END PRODUCT FOR LONG LIFE EXPENTANCY – FOR NEW BUILDS AND RETROFITS
	ELIMESH 25 IS APPROXIMATELY HALF OF HELIMESH 10 H ALSO COMPLIES WITH CAP 437)
HIGH END PRODUCT FOR LONG LIFE EXPENTANCY – FOR NEW BUILDS AND RETROFITS OVER A PERIOD OF 25 YEARS THE YEARLY COSTS OF H	MARKET HIGH END PRODUCT FOR LONG LIFE EXPENTANCY – FOR NEW BUILDS AND RETROFITS ELIMESH 25 IS APPROXIMATELY HALF OF HELIMESH 10

WWW.HELIMESH.COM

HELICOPTER SAFETY EQUIPMENT



HELIMESH[®] 25 Helideck Perimetre Safety Net System

- Manufactured in premium quality 316 stainless steel batch tested by 3rd part
- Full material traceability provided for each project
- Life expectancy of 25 years (2.5 times longer than any other product)
- Maintenance free providing level of saving compared to other net types
- Fully complies with CAP 437 and O&G UK Guidelines
- Will not burn, melt, or deteriorate when exposed to UV
- Service life indicator included

ITEM NO.: HEMELISH25

Approval: CAP 437 and O&G UK Guidelines for the Management of Aviation Operations (Issue 6, April 2011)

VARIANTS		
-	HELIMESH [®] 10 helideck perimetre safety net system	
RELATED PRODUCTS		
-	-	



HELIMESH[®] 10 Helideck Perimetre Safety Net System

- Manufactured in premium quality 316 stainless steel batch tested by 3rd part
- Full material traceability provided for each project
- Maintenance-free providing level of saving compared to other net types
- Fully complies with CAP 437 and O&G UK Guidelines
- Will not burn, melt, or deteriorate when exposed to UV

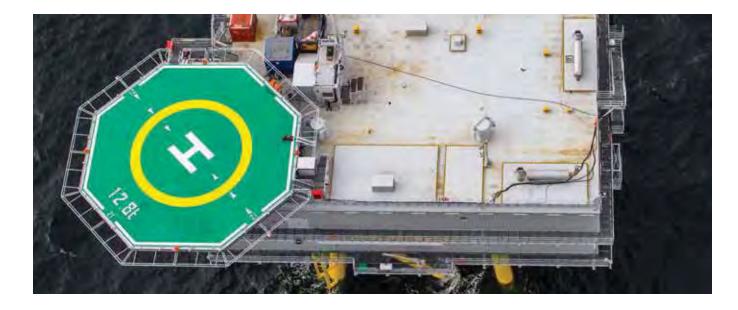
ITEM NO.: HELIMESH10

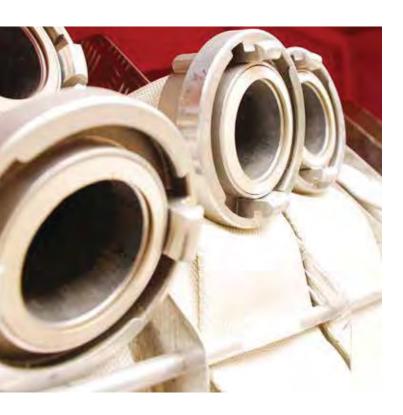
Approval: CAP 437 and O&G UK Guidelines for the Management of Aviation Operations (Issue 6, April 2011)

VARIANTS

- HELIMESH® 25 helideck perimetre safety net system
RELATED PRODUCTS

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Cabinets

Storage Chest for Immersion Suits

- Model Jo Bird SOS501
- Typically stores 2 x PV9509 lifejackets or 3 immersion suits
- Weight: 8 kg
- Dimensions: H 57 x W 65 x D 50 cm

ITEM NO.: 1031664



VARIANTS	
-	-
RELATED PRODUCTS	
1011293	Cabinet model PBIS for lifejackets with lift off lid. Dimensions: H 510 x W 970 x D 625 mm

Cabinet for Fire Extinguisher

- Model Jo Bird JB01
- Cabinet for 6 kg or 9 kg fire extinguisher
- IP56 rated
- Weight: 10 kg
- Dimensions: H 970 x W 470 x D 345 mm

ITEM NO.: 1026131

Lloyd's Register type test approval



VARIANTS 1026156 Cabinet for 5 kg CO₂ extinguisher, H 1080 x W 440 x D 335 mm RELATED PRODUCTS

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Equipment Cabinet with Roller Shutter Closing

- Model Jo Bird RS300FE
- Stores 2 x firefighter's outfit with SCBA etc.
- Made of fibreglass
- Weight: 80 kg
- Dimensions:
- H 2015 x W 1385 x D 460

ITEM NO.: 1011261

Lloyd's Register type test approval



VARIANTS		
-	-	
RELATED PRODUCTS		
-	-	

Storage Cabinet for Fire Equipment or Lifejackets

- Model Jo Bird JB17FE
- Typically stores 2 sets of fire equipment or 70 x PV9308 inflatable lifejackets or similar models
- Made of fibreglass
- Various sizes and colours
- Weight: 50 kg
- Dimensions: H 2015 x W 1390 x D 460 mm

ITEM NO.: 1011253



VARIANTS	
1031196	Storage cabinet for lifejackets For 60 x PV9308 inflatable lifejackets
RELATED PRODUCTS	
-	-

Cabinet for 5 Fire Suits

- Jo Bird firefighter clothing cabinet, model Jo Bird JB18FE
- Optional colours and shelf configuration
- Weight: 50 kg
- Dimensions: H 1831 x W 1034 x D 785 mm

ITEM NO.: 1031199



VARIANTS		
1011250	Cabinet for 2 x BA sets and folded fire suits	
1011249	Cabinet for 2 x BA sets and hanging fire suits	
1031198	Cabinet for 2 x BA sets and hanging fire suits	
RELATED PRODUCTS		
-	-	

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



VARIANTS		
1011284	Cabinet for Neil Robertson stretcher, model Jo Bird JB37	
RELATED PRODUCTS		
1008912	Basket stretcher	
1027587	Spine board stretcher	
1008916	Spine board stretcher (Rock)	
1020725	Scoop stretcher	

Emergency Equipment Cabinet

- Model Jo Bird JB20EE
- Without content
- Optional marking
- IP56 rated
- Weight: 40 kg
- Dimensions:
 H 1895 x W 790 x
 D 665 mm



VARIANTS		
-	-	
RELATED PRODUCTS		
-	-	

Chest for 13 Lifejackets - Type PV9509

- Model Jo Bird SOS510
- Stackable to reduce cost, when tranporting 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

RELATED PRODUCTS

JB28 for Fire Extinguishers or Fire Axes

- Model Jo Bird JB28
- IP56 rated
- Weight: 11 kg
- Dimensions:
 H 1080 x W 438 x D 335 mm

ITEM NO.: 1026156

Lloyd's Register type test approval



VARIANTS		
-	-	
RELATED PRODUCTS		
1017940	Long handled firefighter axe	

Storage Cabinet For Self-contained Breathing Apparatus

- Model Jo Bird JB13 BA
- Various colours
- IP56 rated
- Weight: 11 kg
- Dimensions: H 935 x W 537 x 365 mm

ITEM NO.: 1011250



VARIANTS		
-	-	
RELATED PRODUCTS		
1034661	Self-contained breathing apparatus	

Personal Equipment Cabinet

- Model Jo Bird JB62
- Optional marking
- H 350 x W 270 x D 150 mm
- Weight: 3 kg
- Dimensions:
- H 352 x W 272 x D 100 mm

ITEM NO.: 1011256

Lloyd's Register Type Approval



VARIANTS	
-	-
RELATED PRODUCTS	
-	-



VIKING-OFFSHORE.COM

VIKING takes the chill off Polar emergencies

When it's the Arctic, no one wants to get their feet wet

That is why VIKING offers a full range of safety products specially designed for frozen waters and harsh Polar environments.

- Durable immersion and work suits have an extra layer of insulation, exceeding SOLAS regulations.
- Heated, insulated and blast proof offshore evacuation systems can be deployed directly onto the deck of the vessel.
- Patented Polar liferafts are fully functional in temperatures as low as -50 $^\circ C$.
- Customizable Offshore Safety Agreements incorporate safety products, single-source management and global financing in a transparent, fixed price structure.

VIKING LIFE-SAVING EQUIPMENT - Protecting people and business

Let VIKING's experts manage your service

Service booking

- Keep focus on ship schedule
- Notifications on upcoming service
- Find appropriate service station
- Coordinate and book service with multiple partners

Follow up

Evaluate performance

Monitor invoices

Station monitoring

- Monitor servicing station performance
- Inspect stations

VIKING managed service

Global safety servicing of all products and brands from a 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 partners.

- Liferafts
- Lifeboats, hooks and davits
- Immersion suits and lifejackets
- Marine fire equipment
 Fire extinguisher, fixed systems, gas detection, EEBD, breathing apparatus
- Other lifesaving appliances

Convenient servicing of your safety equipment

VIKING offers several options to suit any fleet's particular needs including special global agreements to help manage fleet servicing needs effectively. To help keep servicing schedules, VIKING offers notifications at customer chosen times before service due dates.

Right quality, right price

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.





Carola Adamson, VIKING Germany, Sales & Service Coordinator

Consistent service

"My German customers are totally focussed on consistent quality with no hassle. I manage their portfolio and handle planning and notification. And most importantly, make sure that the service is up to standard and that the customers are not being overcharged."



Evren Sahin, VIKING Turkey, 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."



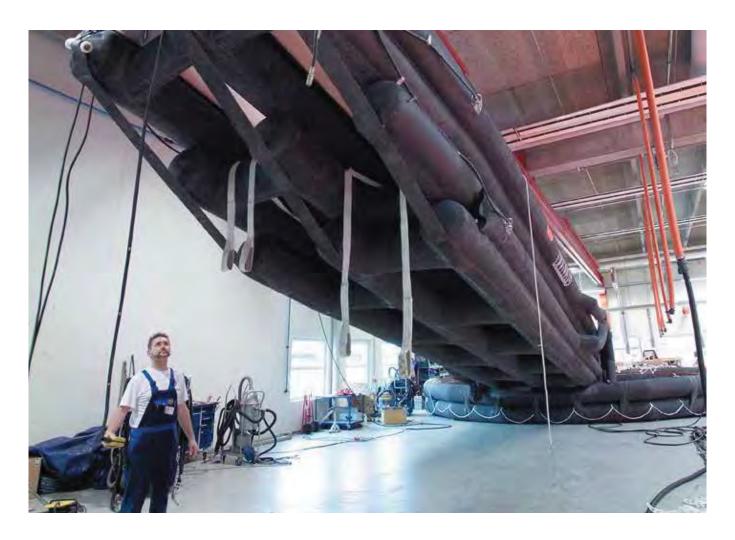
Ailyn Gonzalez, VIKING Americas, Service Coordinator

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."

Evacuation systems service

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 potential costly issues 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.

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

- Container is opened and the inflation system dismounted
- Liferaft is removed from the container
- 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

- Inflation systems and high pressure hoses are inspected
- CO₂ cylinder is checked for correct content level
- Liferaft is deflated, repacked in the container and prepared for despatch

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 stress test (GI) is conducted every 5 years using the liferaft's own CO₂ 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 10 years and then annually

Fire safety equipment service

VIKING offers certified and efficient servicing of a complete range of offshore safety equipment. Our experienced technicians have all completed extensive training so that your safety equipment is serviced to high international standards.

Making sure your equipment is correctly serviced is important for several reasons. The most obvious is that your offshore and marine fire equipment is essential for situations involving a fire and it must be operational immediately when you need it.

However, proper servicing is also a cost-efficient means of ensuring that you get the most out of your equipment. It can improve the durability and lower the risk of costly repairs in the long run. Choosing the right servicing partner is just as important as choosing the right equipment. VIKING is certified by DNV and RINA as well as several flag states.

Full service of your loose and fixed fire equipment

- CO₂, foam, dry powder
- Deluge, inergen, water and mist systems

- Portable and non-portable extinguishers
- Breathing apparatus BA sets, BA compressors and EEBDs
- Resuscitation equipment and air purity analysis
- Pressure test of cylinders etc.
- Helicrash box equipment and protective clothing boxes

Experienced technicians and quality control make the difference

VIKING technicians are carefully selected professionals trained at the highest standards and we work together with the leading manufacturers of offshore, marine fire equipment fire equipment. The certified servicing stations have access to all the necessary tools, spare parts, product stock and updated service bulletins needed to ensure correct service at competitive prices.

Sign posting

Making sure that all signs directing towards essential safety and fire-fighting equipment are correct is a task that cannot be ignored. It plays a crucial role in any emergency situation as it is important that your safety equipment is exactly where you expect it to be.

The VIKING service technician reviews the sign posting onboard your rig to ensure that it is correct and up-to-date.



Suit and lifejackets service

Efficient service for smooth operations

Flexible options that save time and money

You can choose between attractive day-to-day rates or customizable fixed price agreements.

VIKING's fixed price exchange agreements are an excellent option for rigs and supply ships. When suits and lifejackets are due for service, they can be exchanged on the platform or at pier with suits and lifejackets from a stock pool. No need to wait for servicing that can cause costly delays.

Consolidating the servicing of safety equipment can make it easier to keep track of the servicing status and due dates. Including immersion suits for servicing with other safety equipment minimizes costs related to handling, transportation and overtime.



ETSO Requirements

ETSO certified immersion suits and lifejackets require specially authorized service facilities. Each immersion suit and lifejacket type have individual servicing requirements, however all require tracking of every detail and spare parts used. VIKING is fully certified to service and issue certificates for ETSO suits and lifejackets at several locations to ensure airworthiness, reliability and security.



Certified servicing makes a difference

VIKING has been a manufacturer of quality protective clothing for more than 25 years. VIKING trained and certified servicing stations follow strict guidelines for servicing suits and lifejackets.



Boats, hooks and davits service

Cost-effective and convenient servicing.



Correct maintenance of release gear requires knowledgeable service for optimal performance in emergency situations, to increase durability and limit lifetime costs. Annual inspections can reduce maintenance costs in the long run and a properly trained crew can reduce the risk of casualties during evacuation.

Global network

VIKING offers consolidated servicing and inspection for all your safety equipment on board including service for lifeboats, release and recovery systems (LRRS). Our global network VIKING owned servicing stations can perform inspections according to IMO MSC.1/Circ. 1206/Rev.1.

As a quality manufacturer of marine safety equipment and an independent service provider of lifeboats, launching appliances and release gear service, we offer full service coverage across the world at all key locations/ports and fixed prices.

- Global servicing network
- Attractive day-to-day rates
- Approved servicing to the highest standards
- Let VIKING Managed Service arrange the service and handle the paperwork

LIFEBOAT HOOK RETROFIT COUNTDOWN 20099 00099 TO COMPLIANCE

Hook retrofit

Mandatory changes

Lifeboat Release and Retrieval Systems (LRRS) are the focus of the IMO's MSC.1/Circ.1392 circular, that calls for major and mandatory improvements to safeguard lives both during lifeboat drills and in genuine evacuation emergencies at sea.

The time is now

The IMO regulatons state that all LRRS systems that have been found non-compliant must be replaced or modified between 1st July, 2014 and 1st July, 2019.

Get on top of the new regulations

VIKING can take care of the entire replacement task:

- Managing the overhaul examination
- Planning and project management
- Physical replacement
- Performance testing





Which LRRS is best?

A list of compliant LRRS has been published on 1st July, 2013 (in the IMO GISIS database).

As a preferred service provider of leading LRRS manufacturers, we can offer full service coverage across the world at all key locations/ports and fixed prices.

Visit www.VIKING-life.com or ask a VIKING branch office near you for more details of our global service offerings.





Short-term rental of offshore safety equipment

The right safety equipment, just when you need it

Readiness drives success in today's offshore operations. And when the opportunity strikes, you must be ready to act. But no matter what, you still need the best safety equipment to protect your people and your business reputation. Now, you can rent what you need from VIKING for as long as you need it, anywhere in the world. We call it Safety on Demand, and it will save you time. There are no entrance fees and no servicing hassles. Just one fixed fee guarantees you safety equipment from the world's leading manufacturer.

Our safety solutions undergo rigorous testing and are certified through the European Marine Equipment Directive (MarEd). In fact, we ensure all our products have the latest certifications, so you can meet all safety requirements wherever you operate.



VIKING **Safety on demand**

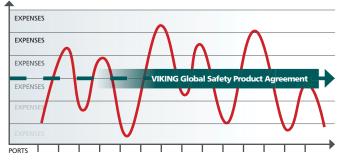
Short-term rental for offshore operators

- No entrance fees
- Fixed weekly fee
- Leave all servicing and maintenance requirements to VIKING
- Full flexibility agreement period from a week to months or years



Remove the ups and downs of port-to-port safety equipment purchasing

A VIKING Global Safety Product Agreement ensures easy, instant availability of more than 50 products in pre-determined ports at fixed prices, consistent quality and full compliance.



Current cost fluctuations from one port to another versus a VIKING Global Safety Product Agreement.

The hidden costs of port-to-port purchasing

Anyone whose vessels sail among multiple ports is familiar with the problem: A routine purchase decision is made to replace pyrotechnics, an EEBD or other item needed to ensure safety – and safety rules compliance – on board a vessel. While the item itself may only be a modest expense, its true cost also includes the time and resources it takes to procure it and deliver it to the vessel. Over a period of time, these hidden costs can inflate your total safety equipment investment. Worse still, varying local conditions can mean you have to buy products whose pricing, quality and compliance swings widely from port to port.

All the advantages of centralized procurement with dependable, local availability

A VIKING Global Safety Product Agreement solves these problems by ensuring your vessels have global access to more than 50 products in pre-determined ports at annually fixed prices, consistent quality and full compliance.

And to ease administration, we've included singlepoint-of-contact management as well as easily accessible reports that provide an overview of key procurement data.



Fixed prices on 3 levels

A

Esbjerg, Hamburg, Rotterdam, Le Havre, Algeciras, Singapore

B

Oslo, Hong Kong, Dubai, Istanbul, Cape Town, Durban, Miami

C Shanghai, Panama

What you need

VIKING offers a long, multi-brand list of marine and occupational safety equipment – all at competitive prices.

Highly efficient shipping operations carefully specify the types of equipment that make the best business sense for their fleet – and which ensure proper protection for crew and passengers.

Working with local marine suppliers to match these specifications takes time and effort. And you can't be

sure a similar product is available in terms of quality, compliance or price.

With a VIKING Global Safety Product Agreement, you can get exactly the products and brands you need at pre-determined annual fixed prices.

Where you need it

VIKING's global representation and worldwide stockpoints give your vessels convenient access to quality safety products in key ports.

Products are on stock in the most frequently used ports to ensure that the products you need are always close at hand.

And we're constantly expanding our distribution infrastructure to bring the advantages of a VIKING Global Safety Product Agreement to more ports around the world.

When you need it

A VIKING Global Safety Product Agreement speeds up the procurement process, making sure your vessels won't risk being delayed in port while waiting for vital safety equipment to arrive.

VIKING is known around the world for its fast and flexible delivery. And because you'll be working with a single point of contact for all the equipment on your list, it's easy to get the latest status on product orders whenever you need to.

GLOBAL SAFETY PRODUCT AGREEMENT

VIKING LIFE-SAVING EQUIPMENT

ABOUT VIKING

About VIKING

HELICOPTER

VIKING is a market leader in maritime safety, providing and servicing essential safety equipment for passenger and commercial vessels, offshore installations and vessels, the defence sector, structural fire fighting as well as leisure yachts.

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VIKING offers a choice of product packages and systems that are standard or tailor made, and certified to the latest requirements.

The VIKING headquarters are located in Denmark. Our liferafts, marine evacuation systems and protective clothing are manufactured at production facilities in Denmark, Norway, Thailand, Bulgaria and USA.

The unique VIKING network of global branches, agents and 260 certified servicing stations makes us a truly global provider offering cost-effective and convenient service when and where you need it.

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VIKING global network

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We wrote **the book** on safety equipment management.

Get it **for free**.

If you're looking for new ways to improve operational efficiency, we'd like to share some of our expertise with you.

After all, we've been keeping safety equipment up to standard around the world for more than 50 years. And we're always in touch with the latest in best practice. Experience like that is made to be shared.

Download the "Best Practice Guide" at VIKING-offshore.com.



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