

Oil Spill Solutions

VIKOMA

Oil Recovery Solutions Since 1967



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Booms • Skimmers • Powerpacks • Tanks

Providing reliable and innovative oil recovery solutions designed and manufactured by our experienced in-house team in the UK since 1967

Vikoma is a world leader with 50 years' experience in the design and manufacture of reliable equipment for your oil spill requirements. You can depend on our products to work reliably when you need them and Vikoma will be there to support you and the products through their lifetime.

With a range of solutions which includes containment booms, recovery systems and storage solutions together with training, installation and commissioning services, Vikoma is your one-stop solution to Oil Spill.

Vikoma products are industry renowned for quality, durability and lifespan.

Containment Booms

Cutting edge design and high-quality materials has resulted in many Vikoma oil containment booms being successfully deployed in a range of applications worldwide.

Our booms are made from neoprene or polyurethane.

- **Neoprene:** Strong, flexible and durable but lightweight for good buoyancy and easy handling. Suitable for extreme weather conditions. Can be steam cleaned.
- **Polyurethane:** Strong and flexible, cost effective solution for many applications.

Oil Recovery Skimmers

We offer a range of high quality skimmers for recovery of light to heavy oils with up to 98% oil recovery content. High oil recovery, means low water content and this is essential for reducing the volume of recovery and keeps storage requirements and costs to a minimum.

Supporting Equipment

We offer a range of equipment including containerised systems, powerpacks and storage tanks.

This brochure provides an overview of our products and services. For more information see www.vikoma.com or call our sales team on +44 1983 200560.

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PORTS AND
TERMINALS



SHORELINE



INLAND WATER



OFFSHORE



WATER
TREATMENT



COASTAL



ICE

Call our sales team on +44 (0)1983 200560 or Email: sales@vikoma.com

Containment Booms

Single Point Inflation Boom (Patent applied) from the reel



Super Hi Sprint



Super Hi Sprint inflates from the reel end, allowing deployment from just one vessel with just two people to manoeuvre the boom into containment formation at the spill site. The valve design, inflation & deflation systems enable easy deployment and recovery of 300m in under 30 minutes.

Benefits

- Rapid and easy deployment
- Internal bulkhead
- Constructed from strong, flexible neoprene
- 300 metres of boom can be deployed in a matter of minutes
- Suitable for extreme weather

Specification

- Inflated height: 750 -2000mm
- Freeboard height: 350 - 900mm
- Draft: 400 - 1100mm
- Ballast: Galvanised chain
- Section lengths: 50m, 100m
- Connector: ASTM or Unicon

Fast, Single Point Inflation Boom



Hi Sprint



A heavy duty, single point inflation, fast deployment boom, available in a range of sizes. Manufactured from reinforced, double faced neoprene fabric.

It is highly durable and has the lowest life cycle cost of any boom in its class.

Benefits

- Rapid and easy deployment
- Internal bulkhead
- Strong, flexible neoprene
- 300m deployed in minutes
- Suitable for extreme weather
- Single point inflation

Specification

- Inflated height: 750 - 2000mm
- Freeboard height: 350 - 900mm
- Draft: 400 - 1100mm
- Ballast: Galvanised chain
- Section lengths: 25m, 50m, 100m
- Connector: ASTM or Unicon

Heavy Duty Chamber Boom



Bulkhead Boom



A high integrity boom available in a range of sizes. Excellent wave following characteristics.

Use from terminals to the rigours of offshore and ocean.

Benefits

- Rapid and easy deployment
- Internal bulkhead
- Constructed from strong, flexible neoprene
- Suitable for extreme weather

Specification

- Inflated height: 750 - 2000mm
- Freeboard height: 350 - 900mm
- Draft: 400 - 1100mm
- Ballast: Galvanised chain
- Section lengths: 25m, 50m
- Connector: ASTM or Unicon

Containment and Recovery Boom



Weir



OFFSHORE COASTAL ICE

Designed for mass oil recovery and oil well blow-outs. Utilises a water ballast tube to ensure a constant seal to the surface of the water. Individual vane pumps are internally built into the boom to allow simultaneous containment and recovery of spilled oil.

Benefits

- Rapid and easy deployment
- Single point inflation
- Strong, flexible neoprene
- Can be deployed in a matter of minutes
- Suitable for extreme weather

Specification

- Ballast: Water
- Recovery: 100- 210m³/hr
- Boom Length: Up to 375m

Light, Flexible Fence Boom



Vikoflex



PORTS AND TERMINALS SHORELINE INLAND WATER COASTAL ICE

Light, flexible fence boom with built-in buoyancy that can be rapidly deployed without the need for any special ancillary equipment.

Manufactured from high quality materials with in built closed cell foam sections to provide buoyancy. Easy to clean, maintain and repair.

Benefits

- Rapid and easy deployment
- No inflation needed
- Internal closed cell foam buoyancy
- Strong, flexible polyurethane
- Ideal for permanent deployment

Specification

- Inflated height: 350 - 1100mm
- Freeboard height: 125 - 400mm
- Draft: 225 - 710mm
- Ballast: Galvanised chain
- Section lengths: 5 - 50m
- Connector: ASTM or Unicon

Low Cost, Disposable Boom



Contractor Boom



PORTS AND TERMINALS INLAND WATER COASTAL

A foam filled boom which is quick and easy to deploy. Designed as single use rapid response for oil spill containment.

Benefits

- Rapid and easy deployment
- Low cost solution

Specification

- Polyurethane foam filled

Beach Sealing Boom



Shoreguardian



Superb beach sealing capability for protection of beaches, marshes and intertidal zones. The stable triple tube and water ballasted design maintains continuous oil containment on land to water interfaces.

Benefits

- Easy deployment
- Constant oil seal between the land and water
- Strong, flexible neoprene or polyurethane
- Suitable for extreme weather

Specification

- Ballast: Water
- Connector: ASTM or Unicon
- Boom Length: 5 - 50m

Air or Foam Filled Oil Containment Boom



Sentinel



A simple, versatile, high performance curtain boom with excellent wave following characteristics.

Available in neoprene or polyurethane material; both options are highly durable and resistant to UV and hydrocarbons.

Benefits

- Rapid and easy deployment
- Strong, flexible neoprene
- Suitable for extreme weather
- Excellent wave following characteristics

Specification

- Inflated height: 400 - 1500mm
- Freeboard height: 188 - 638mm
- Draft: 187 - 876mm
- Ballast: Galvanised chain or wire
- Section lengths: 5m - 50m
- Connector : ASTM or Unicon

Robust Containment Boom



Pod Boom



A high integrity oil containment boom with plastic flotation pods on a durable belt material. The flotation pods are filled with a closed cell foam to ensure that the boom maintains its correct flotation level even in the event of damage.

Benefits

- Easy deployment
- No inflation needed
- Strong, flexible materials
- Suitable for extreme weather
- Ideal for permanent deployment

Specification

- Section Length: 5 - 25m
- Boom Height: 350 - 600mm
- High density polyethylene floats
- PVC Belting

Permanent Deployment Boom



Permanent



Designed for long term deployment in sheltered waters. Durable and resistant to abrasion and marine growth.

Closed cell foam buoyancy members which ensures buoyancy is maintained even if the outer material is damaged.

Benefits

- Easy and quick installation
- No inflation needed
- Closed cell foam buoyancy
- Strong, flexible neoprene and polyurethane
- Suitable for extreme weather

Specification

- Total height: 350 -1100mm
- Freeboard height: 150- 375mm
- Draft: 150 - 715mm
- Weight per metre: 4.1 - 11.2kg
- Ballast: Galvanised chain or lead weight
- Section lengths: 5 - 25m
- Connector: ASTM or Unicon

Ship to Ship or Ship to Shore Boom Sealing System



VikoSeal



The VikoSeal is a highly effective boom system for the containment of oil spilt during oil or fuel transfer operations.

Used in pairs for maximum containment of oil. Allowing one to be positioned adjacent to the ships forward fender and one positioned to the ships aft fender.

'H' shape to seal against ship hulls or hull to dockside.

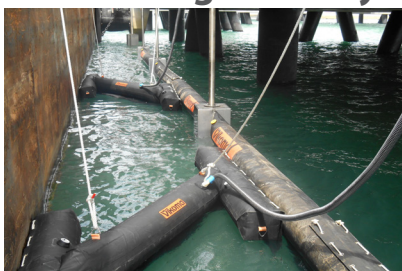
Benefits

- Safe, simple boom to deploy and operate
- One operator to deploy
- Replaces excessive need of containment boom
- Low cost solution to oil transfer operations

Specification

- Various sizes to suit fender sizes

Pier Sealing Boom System



VikoSeal Pier



The Pier Boom Sealing System comprises highly effective and easy to use VikoSeal booms working alongside permanently installed pier barrier booms.

Barrier booms are held in position with vertical, rigid tidal compensator poles, which maintain position using weighted concrete assemblies. This creates an effective containment and recovery zone under the transfer point, whilst also fully accounting for variations in tide, wind, wave height and flow.

Benefits

- Permanently installed for guaranteed containment
- Operated from pier freeboard
- Strong abrasion resistant materials

Specification

- Width: To suit fender size
- Length: To suit transfer site length
- Depth: To accommodate maximum tidal range and wave size

Recovery Skimmers

Disk and/or brush skimmer

The Komara range of skimmers is world renowned for its flexibility and unrivalled performance in a range of applications including: Offshore, inland and shoreline areas, ports and harbours, waste oil pits, beaches, inland waterways, ponds, lakes, marshes, mangroves and shallow water.



Disc Head



Brush Head



Komara Mini

Specification

- Length: 88cm
- Width: 50cm
- Height: 43cm
- Recovery: Up to 7m³/hr
- Single skimming head

Benefits of all Komara skimmers

- Operate smoothly even at very low speeds
- Lightweight and portable
- Discs recover 98% oil and less than 2% water
- Disc and brush skimming heads
- Interchangeable disc or brush heads



Komara Midi

Specification

- Length: 121cm
- Width: 121cm
- Height: 45cm
- Recovery: Up to 35m³/hr
- Option for 2 or 4 skimming heads



Komara Maxi

Specification

- Length: 179cm
- Width: 175cm
- Height: 107cm
- Recovery: Up to 50m³/hr
- 6 skimming heads

Oil recovery using oleophilic discs recovers 98% oil content for lighter to medium oil. A brush recovery head is also available for thicker oils and these can be interchangeable.

High oil recovery means low water content. This is essential for reducing the volume of recovery and keeps storage requirements and costs to a minimum.

A range of skimmers is available to suit your recovery capacity.

Weir Skimmer



Cascade



An adjustable weir skimmer effective in spills requiring high oil recovery rates handling a wide range of oil viscosities.

A floating, circular weir device with an on-board hydraulically driven positive displacement pump.

Benefits

- High capacity
- Hinged arms which can be folded for transport
- Optimise recovery with remote control

Specification

- Radial diameter: 314cm
- Height: 144cm
- Recovery: 150m³/hr

Advancing Skimmer



Fasflo



A floating skimmer for the recovery of oil in open, fast flowing water such as rivers, estuaries and offshore side sweep systems. Mini Fasflo is a smaller, lighter, portable version designed for use in more confined waters.

The only moving part is the self-adjusting weir lip for minimal maintenance and spare part requirements.

Benefits

- Permanent or temporary deployment
- Will recover oil with a wide range of viscosities
- Operate in water/current speeds of up to 5 knots

Specification

- Length: 210 - 400cm
- Width: 142 - 221cm
- Height: 76 - 96cm
- Recovery: 25 - 75m³/hr

Mop Skimmer



Vikomop



To effectively remove surface hydro-carbons from an oil/water interface.

Interchangeable mops to suit viscosity of the recovered oil. Designed for occasional and continual oil recovery. Allows oil recovery in areas deemed inaccessible for larger skimmers.

Benefits

- High oil recovery rate
- Option for use in hazardous areas
- Long term continuous operation
- Easy to maintain, install & operate
- Suitable for most oil types
- Mop length & size to suit
- Can be used in deep pits and boreholes
- Not affected by debris
- Mobile units for emergency spill response
- Suitable for all environments

Free Floating, Shallow Water Skimmer



Delta



The Delta skimmer is a self-contained free floating oil recovery system for operation in shallow waters.

Lightweight construction makes it particularly valuable around piers, jetties, lakes, ponds, ports, rivers and inland waters as well as for beach clean-up.

Benefits

- Can be deployed in inaccessible areas
- Lightweight aluminium
- Can be used by a single, unskilled operator
- No moving parts and is therefore maintenance free

Specification

- Length: 158cm
- Width: 88cm
- Height: 9cm
- Recovery rate: 24m³/hr
- Pump rating up to 42m³/hr

Portable, Lightweight Skimmer



Kebab K4



The Kebab 4 is a highly efficient oleophilic disc skimmer system mounted in a wheeled trolley making it compact and highly portable.

Ideally suited to removing oil from water where space is limited e.g. beneath manhole covers.

Benefits

- Supplied with trolley for ease of transport
- High oil collection rate (98% oil, 2% water)
- Ideal for single operator use
- Small light skimmer head

Specification

- Length: 475mm
- Width: 477mm
- Height: 467mm

Power options

- Electric (12v 240v) & Pneumatic

Containment and Recovery System



Weir Boom



Designed for mass oil recovery and oil well blow-outs. It utilises a water ballast tube to ensure a constant seal to the surface of the water. Individual vane pumps are internally built into the boom to allow simultaneous containment and recovery of spilled oil.

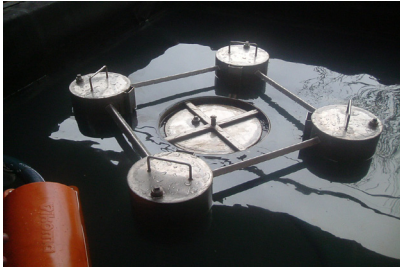
Benefits

- Rapid and easy deployment
- Single point inflation
- Strong, flexible neoprene
- Can be deployed in a matter of minutes
- Suitable for extreme weather

Specification

- Ballast: Water
- Recovery: 100- 210m³/hr
- Boom Length: Up to 375m

Weir Skimmer



Dragonfly



Dragonfly is a floating weir skimmer designed for the recovery of floating pollutants for use in open environments and closed tank applications.

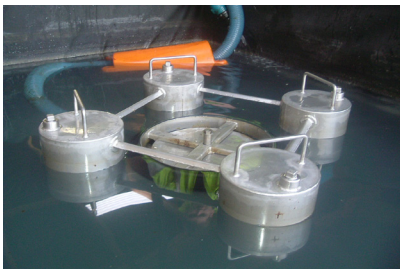
Benefits

- Four buoyancy chambers can be ballasted to match the specific gravity of the fluid within the tank
- Light weight and compact for ease of installation
- For use with a variety of pumps

Specification

- Length: 122cm
- Width: 122cm
- Height: 22m
- Recovery: 15m³/hr
- 316 stainless steel or super duplex

Lightweight Weir Skimmer



Minifly



Minifly is a floating weir skimmer. Designed for the recovery of a range of floating pollutants for use in open environments and closed tank applications.

Benefits

- Four buoyancy chambers can be ballasted to match the specific gravity of the fluid within the tank
- Skimmer is light weight and compact for ease of installation
- For use with a variety of pumps

Specification

- Length: 57cm
- Width: 57cm
- Height: 23cm
- Recovery: 5m³/hr
- 316 stainless steel or super duplex

360° Weir Skimmer



Delta 360°



Delta 360° consists of a circular, free-floating suction head and hose set. The self-adjusting weir skimmer is capable of removing a wide range of oils and other substances from the surface of water.

Benefits

- Skimmer is light weight and compact for ease of installation
- For use with a variety of pumps

Specification

- Length: 68cm
- Width: 68cm
- Height: 29m
- Recovery: 25m³/hr
- Marine grade aluminium

High Recovery Multi-Skimmer



Komara Multi



A skimmer combining a weir together with oleophilic disc banks or brush banks for recovery of a wide range of oil viscosities and high oil recovery rate.

Benefits

- High oil recovery rate
- Wide range of oil viscosities
- Disc, brush and weir collection
- Strong, durable design

Specification

- Length: TBCmm
- Width: TBCmm
- Height: TBCmm
- 98% oil pick up

Tooth Disc and Brush Skimmer



Komara Star



A self-contained oil recovery system for recovering heavy oils. The Star system includes a mechanical recovery skimmer with on-board detachable pump, hydraulic powerpack, hydraulic suction and discharge hoses.

Benefits

- Interchangeable disc brush cassettes
- Brush recovers lighter oils
- Integral buoyancy, fenders and robust design, enables the skimmer to be safely operated from vessels and alongside booms
- Operates effectively even when surrounded by large debris
- Heavy oil recovery

Specification

- Length: 115cm
- Width: 117cm
- Height: 169cm
- Recovery: 25m³/hr
- 98% oil pick up

Tooth Disc or Brush Skimmer (Medium to Heavy Oil)



Sea Devil



An oil recovery skimmer designed for recovering high volumes of medium to very heavy oils. It will operate in most environments with 98% oil pick-up efficiency.

Benefits

- Tooth disc or a brush skimmer
- Tooth recovers medium and heavy oil
- Brush recovers lighter oils
- Integral buoyancy, fenders and robust design enables the skimmer to be safely operated from vessels and alongside booms
- Operates effectively even when surrounded by large debris such as wood
- Can recover heavy oil

Specification

- Length: 225cm
- Width: 137cm
- Height: 128cm
- Recovery: Up to 100m³/hr
- 98% oil pick up

Containment Boom Weir Skimmer



Vikoskim



Vikoskim is a high capacity offshore skimmer for use with containment boom systems. Flotation can be varied using a control air pump allowing height to be optimised during operation.

Benefits

- Recovers a wide range of oils
- Can be used with many boom systems
- Can recover a wide range of oils
- Strong neoprene
- Hydraulically driven rotary lobe pump

Specification

- Length: 4m
- Width: 150 cm
- Height: 6.3 cm
- Recovery: 50m³/hr

Oil Recovery Package



MOSS



A complete packaged oil spill recovery solution that is easily portable and will recover oil with a broad range of viscosities for fast reaction to spills in remote or difficult locations. Ideal for a variety of situations on beaches, harbours, small rivers and cross-country pipeline spills.

Benefits

- Used successfully internationally with emergency response organisations
- Components are fully interchangeable, allowing for quick deployment of the most appropriate equipment
- Every component designed to be man-portable (complying with European lifting recommendations)

Specification

- Length: 88 - 158cm
- Width: 49 - 95cm
- Height: 9- 43m
- Recovery: 7 - 14m³/hr

Oil & Debris Collection



VikoTrawl Net



A versatile, high integrity trawl net that can contain either 2m³ or 8m³ of floating contaminated waste or semi submerged oil (tar balls).

Capable of collecting emulsified, weathered oil as well as contaminated debris.

A unique patented filtration and collection system.

Benefits

- High integrity net that can be towed when empty or full behind a vessel in offshore conditions
- Easy to deploy, operate, fill, empty, clean and recover
- Recovers floating and submerged contaminant
- Detachable net which is quick and easy to change mid operation

Specification

- 2 - 8m³ capacity
- Neoprene or PVC boom

Oil Recovery Sweeping Arms



ViKoseq



The ViKoseq rigid sweeping arms are highly effective and easy to use for advancing oil recovery solutions. An effective addition to any vessel tasked with spill response.

Benefits

- Strong, rigid design
- High recovery rates
- Quick, safe and easy to deploy
- Containment and recovery
- No support vessels required
- Can operate in rough weather

Specification

- Length: 5.3 - 15m
- Max Wind Force: Beaufort 7
- Skimmer: Weir or Brush
- Recovery: 150 - 360m³/hr

Oil Recovery Sweeping Arms



Sweeping Arms



The Vikoma sweep arm system is designed as a single ship sweep system. Once deployed the vessel can move forward and collect the oil in a sweep boom. The Sweep boom can be used with any Vikoma offshore boom and a skimmer can then be used to recover the oil.

Benefits

- Applicable to vessels of opportunity
- Easy to install
- Small storage footprint
- Excellent wave following characteristics

Specification

- Length: 3 - 12m
- Material: Marine grade aluminium
- 3 -4 sections

Tanks & Storage

Self Supporting, Enclosed Tank



Pillow Tank



Portable, easy to transport for use in most conditions for storing a range of oils or other liquids.

Benefits

- Heavy duty material
- Twin fill discharge points
- Easily accessible fill/discharge points
- No assembly tools required
- Stable in winds

Specification

- Length: 950cm
- Width: 230cm
- Height: 50cm
- Capacity: 10m³
- Neoprene

Self Supporting Storage Tank



Vikotank



PORTS AND TERMINALS SHORELINE INLAND WATER

A self-supporting open top storage tank. Constructed with a collar to support the entry lip and to ease filling.

Benefits

- Easy to use
- Tank takes shape as it is filled
- Suitable to most climatic conditions
- Very stable configuration even in high winds
- Lightweight and easily transportable

Specification

- Width: 220 - 431cm
- Height: 110 - 155cm
- Capacity: 1 - 15m³
- Neoprene or polyurethane

Framed Storage Tank



Star Tank



PORTS AND TERMINALS SHORELINE INLAND WATER

A storage tank supported by an external tubular frame, constructed from robust marine grade aluminium tubing, which joins together using quick connecting couplings.

Temporary storage of oil or for permanent storage of water and other liquids.

Benefits

- Easy to erect framework with no tools
- Assembly time is less than 10 minutes
- Suitable to most climatic conditions
- Stable frame offers resistance to winds or adverse weather conditions
- Optional discharge valve for easy draining

Specification

- Width: 372cm
- Height: 137cm
- Capacity: 10m³
- Neoprene or polyurethane

Decontamination or Storage Tank



Decontamination



PORTS AND TERMINALS SHORELINE INLAND WATER COASTAL

Compact, lightweight, portable, framed tank with a protective cover for storage.

Benefits

- Compact
- Lightweight
- Portable
- Simple to use and fast to erect
- Multiple uses
- Polyurethane

Specification

- Length: 208cm
- Width: 208cm
- Height: 56cm
- Capacity: 1.5m³

Tanker Roll Over or Decontamination



Roll Over Tank



PORTS AND TERMINALS SHORELINE INLAND WATER

The Vikoma Roll Over Tank is manufactured from a neoprene coated fabric which exhibits an anti-static characteristic.

Inflation/deflation valves at each end and lifting handles to allow the inflated tank to be manoeuvred into position.

Benefits

- Anti-static material
- Fast and easy to inflate
- Simple to install in a rollover situation
- Durable material providing strong abrasion resistance
- Can be used for boom cleaning

Specification

- Length: 1000cm
- Width: 200cm
- Height: 41cm
- Capacity: 4.7m³
- Neoprene

Towable, Flexible Floating Storage Tank



Flexible Floating Storage Tanks



PORTS AND TERMINALS SHORELINE INLAND WATER OFFSHORE COASTAL

Use as floating reservoirs on water or on dry land for storage of recovered oil or water.

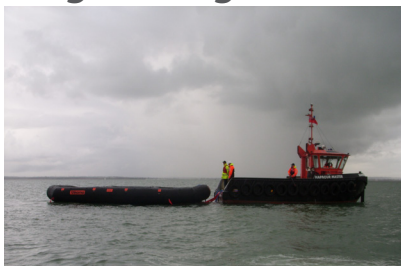
Benefits

- For storage at sea or on land
- Fitted with inlet and outlet valves
- Fitted with pressure relief safety valve

Specification

- Capacity: 5 - 50m³
- Neoprene or polyurethane

Barge Storage Tank



FROST



PORTS AND TERMINALS OFFSHORE COASTAL

A towable floating storage tank with a hull shaped storage pocket for temporary storage of recovered oil or water. The structure has internal airtight conical bulkheads for increased integrity. The tank is boat shaped with raised bow and stern for good stability when under tow.

Benefits

- Rapid inflation using low-pressure air inflators
- Fabric offers excellent abrasion resistance and longevity
- Independent inflation chambers
- Strong, flexible neoprene

Specification

- Length: 600 - 1515cm
- Width: 200 - 535cm
- Height: 85 - 97cm
- Draft: 55 - 225cm
- Capacity: 5 - 100m³

Dispersant Systems

Dispersant System for Helicopter System



TC3

Suspends beneath a helicopter, consisting of a dispersant hopper, pump, spray arms, sling assembly, spreader bar and control module. Can be flown at speeds of up to 85 knots during operation, (120 knots in transit). Innovative design with excellent stability during flight.

Benefits

- No modifications to the helicopter
- Operated independently via an included control system located inside the aircraft
- 5 minute set up for rapid response
- Adjustable spray width
- In emergency, operator can release unit from inside aircraft by releasing from helicopter cargo hook
- Auto shut-off when hopper is full and alert to operator for re-filling.

Specification

- Width rigged: 910cm
- Height: 110cm
- Capacity: 910 Litres

Dispersant Spray System for Vessels



Vikospray

Spray units designed for use on response vessels and vessels of opportunity.

The systems comprises of a diesel engine, a self-priming main pump and chemical pump, a manifold and either spray arms or individual spray lances.

Options for mounting on a frame or ship's rail or can be hand held.

Benefits

- For use with concentrated or diluted dispersants
- The arms can easily be detached or swung through 90° for storage
- Easy monitoring of and control of flow rates and dilution of the dispersant
- Output up to 150L/minute

Specification

- Total Width: 12 - 21m
- Hand lance with hose
- Height: 80 - 240cm
- Capacity: 910 Litres
- Output up to 150L/minute

Portable Backpack Dispersant Spray System



Backpack Sprayer

An operator-friendly backpack oil dispersant spray unit for use on beaches and intertidal zones. The sprayer complies with international safety standards with emphasis on operator comfort and safety.

Benefits

- Portable
- Easy to use
- Non-corroding material
- No opening below the fluid line
- Serviced without the use of tools

Specifications

- Tank Size: 15ltr or 20ltr
- Max Pressure: 3 Bar
- Hose length: 1.36m
- Lance Length: 50cm

Pumps

Floating Sludge Pump



Vikoma Vortex Sludge Pump

Designed to pump viscous and aggressive hydrocarbons, liquids and sludge. Applications include waste oil pits, sludge pits and drill cutting pits. The free floating unit can be deployed into the pit/tank.

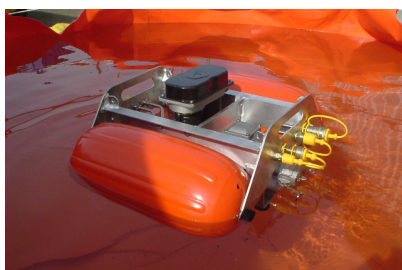
Benefits

- Fits into open pits and tanks
- Steam cage heats the oil/ sludge around pump to reduce viscosity & aid pumping
- Removable floats for easy transportation and storage
- Pump fitted with dry running, over pressure and motor temperature protection
- Certified single point lift allowing easy, safe deployment and recovery

Specification

- Progressive cavity positive displacement pump
- Pumps liquids to 1,000,000 CST
- Capacity to 12m³/hr
- Solids handling to 40mm
- 5 bar discharge pressure
- Hazardous areas options, e.g ATEX Zone 1

Floating Pumps



IMP F Pumps

A lightweight, compact floating transfer pump unit that has been designed for easy one person transportation. A hydraulic motor driving a robust and easy to maintain flexible impeller pump via a non-slip toothed drive belt. The hydraulic input and return to the motor is fitted with quick release couplings and the pump is fitted with camlock couplings.

Benefits

- Lightweight and compact
- Easy to use and transport
- Protective frame to aid handling
- Static or floating

Specification

- Capacity: Up to 15m³/hr

Portable Pumps



Lobe Pump

A positive displacement, self-priming rotary lobe pump, able to pump normal and high viscosity fluids. The pump is mounted in a two-wheeled hand truck for easy portability.

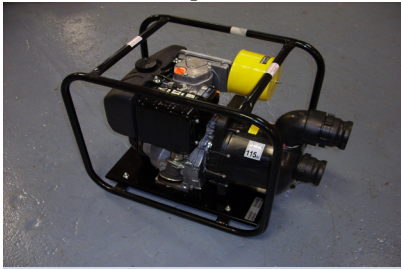
Benefits

- Easy to manoeuvre
- Can run dry
- Solid handling up to 25mm
- Easy to service and maintain
- Good suction characteristics

Specification

- Nitrile rubber lobe- other materials available on request
- Recovers: 1 - 50m³/hr

Trash Pumps



Trash Pump

A frame equipped with rubber mounting brackets ensures both noise and movement are reduced when in operation. The frame is constructed of tubular steel and provides a strong, secure working platform. Lightweight for ease of transportation and operation in difficult to access areas and locations. The suction and discharge inlet and outlet are fitted with camlock quick release couplings. Self-priming operation with built-in check valve (after initial priming).

Benefits

- Lightweight
- Easy to transport
- Dry running for short periods

Specification

- Length: 66 cm
- Width: 44.5cm
- Height: 56cm

Temporary Pipeline Systems



Mini Pipeline

The mini-pipeline system is able to transfer oil over distances of up to 1.3km. It consists of a diesel powered transfer pump, open top storage tanks, and lengths of galvanized steel pipe, plus interconnecting jumper hoses and valves. Performance is dependant on oil viscosity. System contents can be housed in a 10ft ISO container for storage/transport. Steel pipe is supplied separately in a 20ft ISO container.

Benefits

- Versatile system to transport over difficult terrain
- Modular system to suit
- Easy to construct

Specification

- Distance: Up to 1.3km
- Tank material: Neoprene or polyurethane
- Pumping to 40m³/hr

Portable Beach & Land Cleaning Vacuum System



Mini-Vac System

A market leading operator friendly vacuum recovery system. Portable, enabling operators to reach isolated and difficult to access areas. Disassembles for easy carrying to location. Easy to re-assemble.

Benefits

- Lightweight construction for two-person lift
- Quick and easy assembly
- Rapid clean-up in remote and inaccessible areas
- Compact design
- Easy to store and transport
- Unique modular system

Specification

- 24m³/h Recovery

Ancillary

We offer a range of ancillary equipment to work alongside our product range, allowing you to have a one-stop-shop for your spill response needs. These include: Reels, powerpacks, pumps, inflators, portable generators, absorbents and aerial surveillance.

Containment Boom Reels



Reels

The Vikoma range of reels are for the deployment, recovery and storage of oil recovery containment booms. They can be driven by an optional integral diesel/hydraulic powerpack, and fitted with fork lift pockets and ISO blocks.

Benefits

- Reel frame and spool painted mild steel tube, plate & box section
- Operational lifting - fork lifting pockets or lifting points integrated in the reel base frame
- Paint system epoxy primer with two part sprayed and baked polyurethane top coat - orange RAL 2008
- Lever operated control valve, allowing precise and smooth operation
- Hydraulically operated

Specification

- Mild steel painted to marine grade specification

Ready-packed Kits



VikoKits

Our passion for quality and reliability is reflected in the materials selected for our VikoKit range so you benefit by having the best tools for the job in hand without the disruption of sourcing from numerous suppliers.

Benefits

- Procurement from a one-stop-shop
- Quick and easy to deploy to point of use
- Check sheets for simple replenishment
- Approved and certified equipment

Containerised Oil Spill Systems



Containerised System

Vikoma is renowned for supplying equipment packaged in containers.

Bespoke and standard solutions available to house all equipment for a spill response.

Benefits

- Compact and custom designs
- Equipment protected from weather
- Preserves working life of equipment
- Maximum flexibility
- Include your company branding
- Designed to fit your equipment

Specification

- ISO or DNV certification available
- CSC plating and certification

Oil Absorbents



Absorbents

Absorbents offer a quick and easy method for containing and removing small quantities of oil from a spill zone. Manufactured from oleophilic materials, they absorb any oil they come into contact with. This oil is held within the absorbent until they are removed for disposal.

Benefits

- Simple and easy to use
- Portable
- Contains and recovers

Specification Types

- Booms
- Pads
- Socks
- Pillows
- Particulate
- Pom Poms

Powerpacks



Powerpacks

Vikoma designs and manufactures a wide range of power packs for use with its own oil spill response equipment or with other manufacturers equipment. A standard range with bespoke solutions available.

Benefits

- Auto shut-down option for abnormalities such as low engine temperature and hydraulic oil sensors
- Fitted with over speed protection devices and exhaust spark arrestors.

Specification Type

- Diesel-hydraulic or electro-hydraulic
- Power: 1- 100KW
- Intrinsically safe, zoned and ATEX design options

Transportation



Power Carrier

The Power Carrier is ideal for transporting equipment and is especially useful for access to areas that cannot be reached. The carrier can also be fitted with lifting apparatus.

Benefits

- Over 2 hours continual operation without re-fuelling
- Tailored to meet customer requirements
- PVC Cover
- Manual tilt mechanism
- 25° climbing ability (250Kg load)

Specification

- Length: 2140mm
- Width: 650mm
- Height: 1100mm
- Bed length: 1200mm
- Bed width: 560 -900mm
- Loading height: 360mm
- Loading depth: 197mm

Vessels for Oil Spill Response

High Speed Landing Craft



Delta Responder

The Vikoma Delta Responder has a shallow v hull with a 1.2m hinged bow loading ramp. A large deck enables easy deployment of oil spill equipment. Capable of 30 knots fully laden. The Delta Responder can be powered by a series of engine and drive options. Designed to be fast response, allowing quick inspection of potential oil spill scenarios.

Benefits

- Skimmer deployment
- Boom deployment
- Dispersant spraying
- Beach clean-up operations
- Working space on deck

Specification

- Length: 7.86 - 9.21m
- Beam: 2.5m
- Draft: 0.35m
- Max speed: 30 knots
- Bollard pull: 0.5T

Work Boats



Coast Worker

The Vikoma Coast Worker range are oil spill response vessels which are ideally suited to the transportation, deployment and recovery of oil spill response equipment in a variety of applications.

Benefits

- Skimmer deployment
- Boom deployment
- Dispersant spraying
- Beach clean-up operations
- Working space on deck
- Variety of engine types available

Specification

- Length: 5.73m
- Beam: 2.13m
- Draft: 15cm
- 15cm Flat gunwale
- 60hp engine
- Top speed: 25+ knots
- 21 - 30' (metric size)

Trimarans



Vikosprint

This high-speed oil spill response trimaran combines speed, efficiency and large working deck space to form a versatile oil spill response vessel.

Benefits

- Skimmer deployment
- Boom deployment
- Dispersant spraying
- Beach clean-up operations
- Working space on deck
- Variety of engine types

Specification

- Length: 12 - 32.2m
- Beam: 6 - 12.2m
- Draft: 1.3 to 2.5m
- Working deck area: 35- 200m²
- Range: 200 - 600N

Aerial Surveillance

Hawk Owl



The Hawk Owl™ is an overhead wireless surveillance system based around 15m areostat fitted with various camera options. The system provides all round vision of an incident and is the responder's eye in the sky. Unlike aircraft or helicopters the Hawk Owl™ can be deployed for extended periods of time and give the responder and command and control a birds eye view of the area and allow you to effectively and efficiently respond to a spill or incident.

Benefits

- Cost effective compares to aircraft & helicopters
- Persistent/ no pilot hours
- Multiple cameras
- Infrared option
- Multiple users
- Multiple use
- Wireless
- Live footage and screen shots

Spares & Maintenance

Spares



Products are fully supported with spare parts and technical support available. Many products are supported for 10 years.

A full range of spares kits available for the equipment. Emergency, service and comprehensive kits are available.

Many spares available from stock for quick shipment to minimise down time for equipment.

Maintenance



We fully support our products and are able to offer both on-site and return to factory maintenance options.

We stock a large inventory of spare parts for both preventative and corrective maintenance.

We provide training for operators so that they can effectively maintain the equipment in the field. Equipment is fitted with unique serial numbers for traceability of all components and build history.

We also offer ongoing technical support for our product range and if you need any assistance then please contact us.

Commissioning & Training

Commissioning



An experienced team of engineers are available for commissioning oil spill response equipment. Services include:-

- Equipment inspection
- Equipment set up and installation
- Pre start checks
- Safety
- Equipment training

Correct commissioning ensures that operators are fully trained in the safe use of equipment and are aware of essential maintenance requirements. Equipment is then ready to respond in the event of an oil spill.

IMO Training Courses - Levels 1,2 & 3



Each level of the course is delivered complete with Course Director's Manual, Participant Manual, PowerPoint presentations for each module aligned to the lessons and manuals and Master of the Course Certificate.

IMO Courses

- OPRC Level 1 - First Responder
- OPRC Level 2 - Supervisor/On-Scene Commander
- OPRC Level 3 - Administration and Senior Managers

Client Handover Training

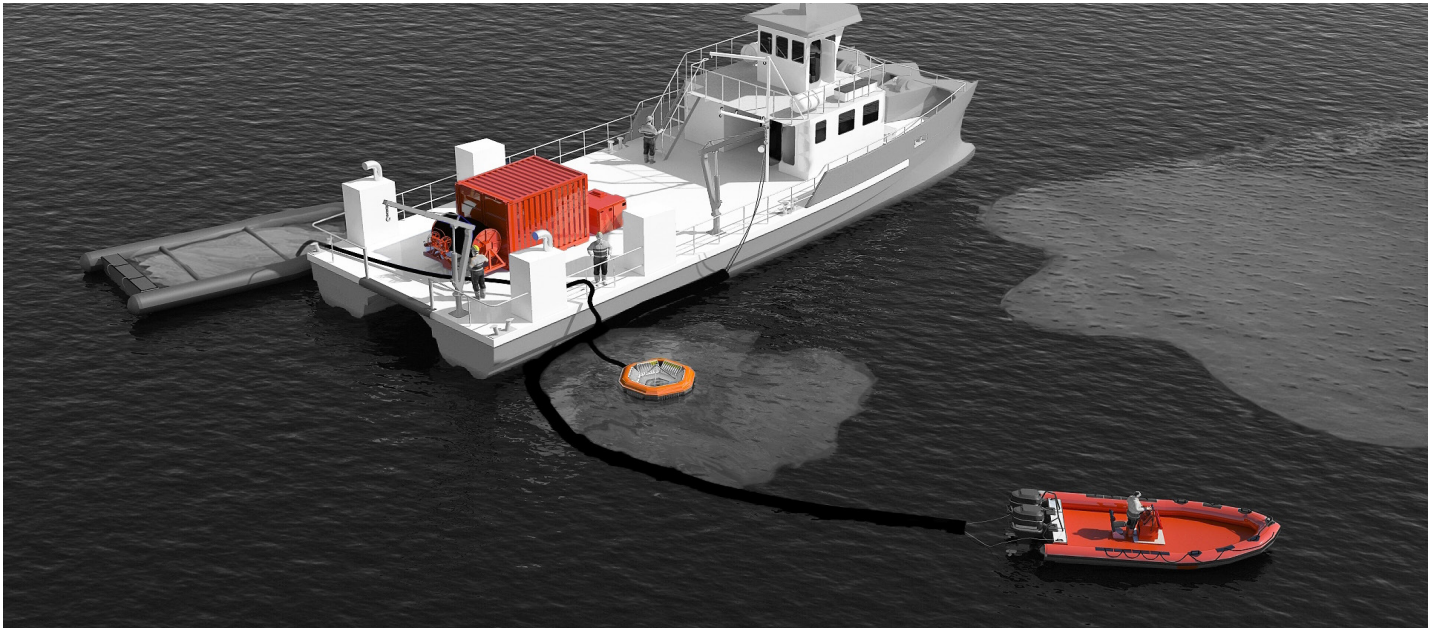


Client Handover Training

- Pre run checks and equipment preparation
- Safety checks and PPE
- Start up and use of controls
- Emergency shutdown
- Operation deployment and recovery
- Storage and preservation

Field Training

- Equipment storage review
- Condition of equipment
- Start-up functional testing
- Deployment and recovery exercise
- Evaluate contingency plan



Providing reliable and innovative oil recovery and environment solutions designed and manufactured by our experienced in-house team for 50 years

We are proud to have an experienced and qualified team of employees. With a strong and experienced board of directors and a multi-disciplined management team, Vikoma continues to be a world leading company committed to delivering quality, reliability and innovation.

Our in-house team has many years of experience in systems for hazardous areas and offer solutions to meet end user needs with required certification. We are confident that we have the flexibility and experience required to meet the technical specification of any end user.

Full ISO 9001:2008 accreditation for design, manufacture, installation, commissioning and training.

For more information please contact us on [+44 \(0\)1983 200560](tel:+441983200560) or sales@vikoma.com or see our website.



Skimmers • Power Packs • Booms • Documentation

We have an ongoing development program and reserve the right to amend the specification of our products without prior notice. All quoted specifications are approximate.

