

Product Summary



Vikoma Product Summary

Oil Containment Booms
Oil Recovery
Storage Tanks
Dispersant Spray Systems
Powerpacks
Vessels
Industrial Skimmers
Pumps & Pipelines
Ancillary Equipment



This document provides a brief overview of Vikoma products.
Vikoma can also provide a full range of ancillary equipment, sorbents and dispersants

Further details are available in our main product catalogues and specification sheets.

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Vikoma has an ongoing development program. We reserve the right to amend the information contained within this document without prior notice. All quoted dimensions and quantities are nominal.

Oil Containment Booms

HI Sprint

- fast and safe to deploy
- single point inflation boom
- independent chambers for integrity
- strong, flexible neoprene construction
- excellent wave following

Approximate Dimensions	Height	Freeboard	Draft	Section Lengths
HI Sprint 750	750mm	350mm	400mm	25m/50m
HI Sprint 1000	1000mm	400mm	600mm	25m/50m
HI Sprint 1200	1200mm	500mm	700mm	25m/50m
HI Sprint 1300	1300mm	545mm	755mm	25m/50m
HI Sprint 1500	1500mm	600mm	900mm	25m/50m
HI Sprint 2000	2000mm	750mm	1250mm	25m/50m

Most sizes also available in HD (Heavy Duty) fabric



Sentinel

- quick, easy and safe to deploy
- smooth profile and excellent wave following characteristics
- available in neoprene or polyurethane
- foam filled version available for permanent / semi permanent deployment

Approximate Dimensions	Height	Freeboard	Draft	Section Lengths
Sentinel 400	375mm	188mm	187mm	10m/25m
Sentinel 500	502mm	188mm	314mm	10m/25m
Sentinel 600	610mm	255mm	355mm	10m/25m
Sentinel 750	710mm	310mm	400mm	10m/25m
Sentinel 1100	1090mm	375mm	715mm	10m/25m
Sentinel 1500	1514mm	638mm	876mm	10m/25m

Dimensions of neoprene and PU versions differ slightly- see our specification sheets for exact dimensions



Shoreguardian

- superb beach sealing capability
- stable triple tube design to maintain freeboard and seal
- excellent transition from beach to water
- available in neoprene or PU

Approximate Dimensions	Height	Freeboard	Draft	Section Lengths
Shoreguardian 400	400mm	200mm	200mm	10m/20m/25m
Shoreguardian 550	560mm	280mm	280mm	10m/20m/25m

Dimensions of neoprene and PU versions differ slightly- see our specification sheets for exact dimensions



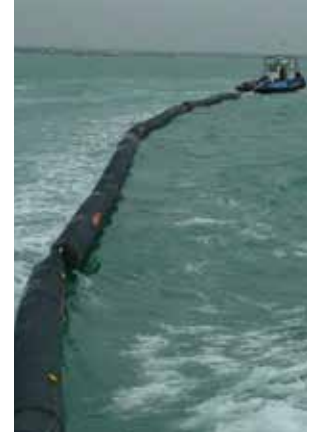
Oil Containment Booms

Bulkhead Boom

- independent internal buoyancy chambers
- strong, flexible neoprene construction
- excellent wave following and oil containment properties

Approximate Dimensions	Height	Freeboard	Draft	Section Lengths
Bulkhead 750	750mm	350mm	400mm	25m/50m
Bulkhead 1000	1000mm	400mm	600mm	25m/50m
Bulkhead 1200	1200mm	500mm	700mm	25m/50m
Bulkhead 1500	1500mm	600mm	900mm	25m/50m

Also available in HD (Heavy Duty) fabric



Flexi Boom

- simple, effective fence boom
- fast and simple to deploy and recover
- strong flexible boom
- easy to clean
- can be supplied in stackable crates for compact storage

Approximate Dimensions	Height	Freeboard	Draft	Section Lengths
Flexi Boom 350	350mm	150mm	200mm	5m - 25m
Flexi Boom 500	500mm	200mm	300mm	5m - 25m
Flexi Boom 650	650mm	225mm	425mm	5m - 25m
Flexi Boom 750	750mm	250mm	500mm	5m - 25m
Flexi Boom 900	900mm	300mm	600mm	5m - 25m
Flexi Boom 1100	1100mm	400mm	700mm	5m - 25m
Flexi Boom 1500	1500mm	500mm	1000mm	5m - 25m



Pod Boom

- durable boom ideal for permanent deployment
- robust design to contain oil and / or debris
- easy to manoeuvre and position

Approximate Dimensions	Height	Freeboard	Draft	Section Lengths
Pod Boom 350	350mm	150mm	200mm	10m/20m
Pod Boom 600	600mm	150mm	450mm	10m/20m

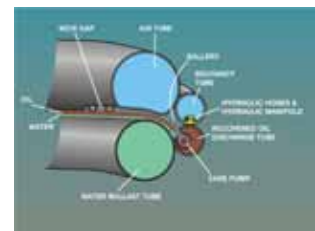


Oil Containment Booms

Weir Boom

- unique combined containment boom and skimming system
- ideal for high volume spills at sea, including well blowouts
- neoprene boom sections house a number of weir inlets with integral pumps
- up to 210m³ per hour recovery rate
- capture / encounter width of up to 200m

	Recovery Rate	No. of Weirs	Weir Section Length	Deflector boom length
Weir Boom 180	up to 180m ³ /hr	3	70.5m	300m
Weir Boom 210	up to 210m ³ /hr	4	76.5m	300m



MiniPak & MaxiPak

- low cost, fast response for use in calm, sheltered waters
- compact and easy to store
- simple and fast to deploy
- supplied in compact storage container ideal for use by emergency services

Approximate Dimensions	Height	Freeboard	Draft	Section Lengths
MiniPak	201mm	80mm	130mm	4m lengths x 4
MaxiPak	360mm	160mm	200mm	5m lengths x 4



Ancillary Equipment

- powered / un-powered boom reels
- powerpacks
- air Inflators
- tow bridles
- mooring Systems
- containerised & trailerised Systems



Oil Recovery

Komara 7 (formerly Komara Mini)

- oleophilic disc skimmer
- compact and lightweight
- man portable
- ideal for difficult to access areas
- recovery rate of up to 7m³/hr
- 98% oil recovery ratio - less than 2% free water pick up
- available as electrically or pneumatically driven systems



Komara 15 Duplex

- oleophilic disc / brush skimmer
- interchangeable disc / brush cassettes can be changed in approx 2 minutes
- compact and lightweight
- recovery rate of up to 14m³/hr
- 98% oil to water recovery ratio in disc mode - less than 2% free water pick up



Komara 20

- highly efficient oleophilic disc skimmer
- 4 disc banks for 360° recovery
- recovers 98% oil at up to 23m³/hr
- recovers a wide range of oils



Komara 30 (formerly Komara Midi)

- based on the Komara 20 design, optimised for use with a more powerful pump
- highly efficient oleophilic disc skimmer
- recovers up to 30m³/hr at 98% oil to water
- powered by the powerful but lightweight GP20 powerpack



Komara 50 (formerly Komara Maxi)

- with 6 banks of oleophilic discs
- robust design for open waters in wave heights up to 2m
- recovers oils at up to 52m³/hr
- less than 2% free water pick up



Oil Recovery

Komara SeaSkimmer 50

- robust, ocean going disc skimmer
- for coastal and offshore skimming in wave heights up to 2m
- built of high grade aluminium, with rubber fenders and aluminium discs
- can recover up to 50m³/hr



Komara Star 20

- toothed "star" disc skimmer for highly viscous oil up to 1,000,000 cSt
- can recover oil at up to 20m³/hr with less than 2% free water pick up
- robust aluminium construction and hinged disc banks can handle large debris
- de-mountable lobe pump which can be used as stand alone pump
- separates into component parts for two man lift



Komara Sea Devil

heavy duty, high capacity, toothed "star" disc skimmer
for viscous oil up to 1,000,000cSt
twin disc banks can recover oil at up to 70m³/hr
robust construction and hinged disc banks can handle large debris



Vikoma Cascade Skimmer

- high capacity weir skimmer
- ideal for large volume spills
- recovers a range of oils at up to 120m³/hr
- control console operates weir height for maximum efficiency



Vikoma Delta Skimmer

- free floating suction skimmer
- 180° degree recovery zone
- easy to operate, highly portable
- ideal for confined and shallow waters (as little as 7cm)
- recovers up to 24m³/hr



Oil Recovery

Vikoma FasFlo25 (formerly Mini FasFlo)

- advancing skimmer designed for fast flowing waters, such as rivers
- can be used in currents up to 6 knots
- recovers oils at up to 25m³/hr
- robust design and construction
- marine grade aluminium body with reinforced polyester floats



Vikoma FasFlo 75

- advancing skimmer (can be moored in a static position or as sweep system)
- robust design and construction
- ideal for fast flowing waters such as rivers
- can also be used in an offshore environment
- recovers up to 75m³/hr



MOSS (Multi Oil Skimming System)

multi purpose skimming system for a wide range of oils
containerised package comprising:

- Komara 7 Disc Skimmer
- Komara 15 Duplex Brush Skimmer
- Delta Suction Skimmer
- Weir Skimmer
- IMP65 Floating Pump
- GP7 Powerpack
- Hose Kit



Komara 20 / Komara Star 20 Package

skimmer package for both light and viscous oils
comprising:

- Komara 20 skimmer head
- Komara Star 20 skimmer head with on-board pump
- hydraulically driven transfer pump
- GP10-2 powerpack
- hose kit



MiniVac System

- powerful suction cleaner ideal for beach cleaning and recovery of oil in shallow waters
- lightweight aluminium vacuum recovery system with a recovery rate of 24m³/hr
- available with hopper and transfer pump to enable continuous use without the need to stop and change storage barrels
- modular design enables 2 man lift



Storage Tanks

VikoTank

- self supporting open top tank
- light, compact and easy to stow when empty
- no tools or assembly required

- Neoprene in 15m³ and 6m³
- PU in 2.5m³, 6m³ and 13m³



Star Tank

- fast to assemble, stable temporary storage tank
- lightweight, compact and easy to stow when packed
- open top, aluminium framed tank

- available in Neoprene or PU - 10m³ capacity



Floating Tanks - FR50

- open topped inflatable floating tank
- stable and easy to tow
- ideal for port and offshore marine operations
- neoprene construction
- 5m³ capacity



Inflatable Oil Storage Barge

- towable floating storage tank
- up to 100m³ capacity
- ideal for port and offshore marine operations
- constructed of neoprene for durability and resistance to hydrocarbons

- available in sizes:
- 25m³, 50m³ 100m³



Flexible Floating Storage Tank

- heavy duty enclosed tank
- towable floating reservoir
- for use in water or on land

- Neoprene sizes: 5m³, 12.5m³ and 25m³
- PU sizes: 12.5m³ and 25m³



Storage Tanks

Vikoma Roll Over Tank

- compact inflatable tank system
- ideal emergency containment for road tanker spills
- may also be used as temporary bunded area or for cleaning oiled equipment
- quick and easy to deploy
- capacity: 4500 litres
- dimensions when deployed: 10m x 2m x41 cm (height)



Pillow Tank

- for temporary storage of oils or longer term storage of liquids
- no assembly or support structures required
- available in 1500 litre, 2500 litre and 5000 litre capacities



Vikoma can also supply other tanks, bunds and decontamination tanks to meet your requirements.

Please ask us for details.

Dispersant Spray Systems

Vikoma Back-Pack Sprayer

- operator friendly back pack sprayer
- ideal for applying dispersant on beaches and shorelines
- designed and built to comply with international safety standards
- available in 15 litre & 20 litre capacities



VikoSpray 1000

- lightweight, portable spray unit system
- 4 spray lances may be used simultaneously
- spray lances have 10 meter hoses and heavy duty spray gun



VikoSpray 2000

- medium sized spray unit designed for use on offshore response vessels
- 6m spray arms give a swath width of up to 15m
- flow indication and controls allow flow rate and dilution to be controlled



Vikoma TC3

- helicopter dispersant system
- self contained operation with no power requirements from the helicopter
- dispersant capacity of 910 litres



Dispersant Supplies

a range of dispersant supplies are available to meet specific requirements.

please contact us for more details.

Powerpacks

GP7

- portable powerpack with 7hp engine
- ideal for difficult to access areas
- splits into two component parts for two man lift
- easy to assemble and operate



GP10 / GP10-2

- mounted on a robust stainless steel wheeled frame
- 10hp low noise diesel engine provides hydraulic power
- available as hand or electric start
- additional safety features available, spark arrester, overspeed auto shutdown valve
- GP10-2 has two independent hydraulic pumps and an additional set of hydraulic ports for driving a boom reel



GP20-2

- powerful compact unit driven by 20hp diesel engine
- mounted on wheeled unit for ease of use
- two independent hydraulic pumps and spark arrester
- available as hand start or electric start
- additional safety features available, overspeed auto shutdown valve



GP35

- powerful general purpose powerpack
- 3 cylinder water cooled 35hp diesel engine
- variable displacement pump
- has central lifting point and fork lift pockets for ease of transportation



GP70

- powerful 4 cylinder water cooled 70hp diesel engine
- provides hydraulic power for range of equipment including SeaSkimmer 50, FasFlo 75 and Sea Devil skimmer. It can also power other Vikoma equipment



Powerpacks

84kW Variable Load Powerpack

- diesel hydraulic powerpack for use in a variety of applications
- 4 hydraulic flow controls
- highly portable - can be moved by forklift, crane or helicopter
- fitted with various automatic shutdowns and other safety devices



Specialised Powerpack Units

Vikoma can also supply a range of powerpack units designed to meet customers requirements



Vessels

SpillCat

- fast, shallow draft, highly manoeuvrable catamaran
- hulls “fold” up for easy transportation by trailer
- large clear working deck area (13m²)



Delta Responder

- versatile, fast response craft
- large internal deck area
- aluminium, shallow “V” shaped hull
- bow loading ramp for easy deployment of equipment and beach landing
- propellor or jet drive options



EnviroCat

- multi role craft with large working deck area
- robust aluminium catamaran
- built in belt skimmer oil recovery system and on board storage (2 x 4m³ tanks)



Ranger

- purpose built oil spill response vessel
- 2 integral skimmer modules to enable recovery of a range of oils (plain oleophilic and star disc)
- on board storage 2 x 2m³ tanks
- retractable bow mounted deflector arms
- steel construction



Harbour Scavenger

- multi role vessel for efficient collection of oils, floating debris, trash or tar balls
- 8.3m steel catamaran with retractable bow arms
- oleophilic disc bank system, debris/trash and tar balls collection system, trash skip, oil transfer discharge pump, water pump
- In-built storage tanks



Vessels

Vikoma Harbour Clean Vessel

- shallow draft catamaran for spill response and harbour duties
- large, flat working deck area (13m²)
- deck area can be converted to open pool, and debris collection unit by way of interchangeable cassettes



VikoSprint

- stable trimaran design
- exceptionally large working deck area
- excellent manoeuvrability and fast response
- available in 12m, 16m, 21m and 30m sizes



Other Vessels

Vikoma can also supply a variety of other craft and work boats



Industrial Skimmers

Vikoma T6 Skimmer

- floating stainless steel T-Disc skimmer
- designed for continuous use in both hazardous and corrosive environments
- will recover a wide range of oils including kerosene, naphtha, vegetable oils, fish oils, diesel, gas oils, crude and tramp oils
- up to 6m³/hr with less than 2% water pick up
- designed to meet ATEX requirements



Vikoma T9 skimmer (Floating or Fixed)

- designed for continuous use in both hazardous and corrosive environments
- patented T-Disc technology
- will recover a wide range of oils including kerosene, naphtha, vegetable oils, fish oils, diesel, gas oils, crude and tramp oils
- recovery rate of up to 9m³/hr, typically with less than 2% free water pick up
- available as a floating system (with on board pump) for use where water levels may vary
- also as a fixed system supported by a gantry where water levels remain constant
- designed to meet ATEX requirements



Vikoma T14 skimmer (Floating or Fixed)

- designed for continuous use in both hazardous and corrosive environments
- patented T-Disc technology
- will recover a wide range of oils including kerosene, naphtha, vegetable oils, fish oils, diesel, gas oils, crude and tramp oils
- recovery rate of up to 14m³/hr, typically with less than 2% free water pick up
- Available as:
 - a floating system (with on board pump) for use where water levels may vary significantly
 - a fixed system supported by a gantry where water levels remain constant
- designed to meet ATEX requirements



Industrial Skimmers

Dragon Fly

- floating stainless steel weir skimmer
- designed for use in industrial environments
- ideal for in-tank skimming
- recovery rates of up to 15m³/hr
- Dragon fly has a weir diameter of 44cm, an overall unit diameter of 122cm



Komara K4 Skimmer

- highly efficient oleophilic disc skimmer
- self contained system mounted on a wheeled trolley
- ideally suited for removing floating oils where space is limited, for example beneath manhole covers



Pumps & Pipeline

Mini Transfer Pump

- can be used as a fluids transfer pump for general use
- built as 2 separate parts for easy handling to site when it can be quickly re-assembled using pin, bush and eye bolt connections
- modular design enables 2 man lift
- low noise diesel engine



Vikoma Transfers Pumps

- Vikoma produce a range of transfer pumps for a variety of uses
- a range of stand alone and independent pumps
- pneumatic, hydraulic and electrically driven pumps and floating pumps available

Ask for more details



Mini Pipeline

- Mini pipeline system can transfer oil at up to 40m³/hr over distances of up to 1.3km
- comprises diesel powered transfer pumps, open top storage tanks and lengths of galvanised steel pipe plus interconnecting jumper hoses, valves etc.
- supplied in 2 ISO containers for ease of storage and transportation



Ancillary Equipment

Vikoma Power Carrier

- Ideal for transporting equipment, especially in areas which are difficult to reach by road
- Ideal for transporting modular equipment such as the MiniVac, Mini Pipeline systems and transfer pumps



Octopus Pressure Washer

- for general purpose cleaning operations
- also ideal for washing down and cleaning of response equipment after use in a spill



Vikoma Skylight System

- compact 10m high floodlighting tower system
- 4 x 1000 watt floodlights
- generator
- mounted on wheeled trailer for easy transportation



Vikoma can also provide a range of other ancillary equipment including:

- incinerators
- generators
- sorbents
- sorbent wringers
- stillages
- pressure washers
- dispersant supplies
- PPE equipment

Please ask for more details



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