



WASTE WATER SOLUTIONS

We offer a range of equipment specifically for industrial applications, such as: refineries, petrochemical, power generation and waste oil pits. We offer equipment fully certified for use in hazardous areas with a dedicated engineering team to design systems to meet customer requirements.

Skimmers and Protection Boom Systems

Oil recovery skimmers are industry renowned for quality, durability and life-span.

Combining unrivalled industry experience cutting edge design and high quality materials has resulted in numerous oil recovery solutions being successfully deployed in a range of applications worldwide.

Advantages

To save money by reducing slops volume, complying with registration and reduce V.O.C emissions.

Applications

Oil/Water Interceptors, Ballast Ponds, Settling Tanks, Storm Water, API Separators, Man Holes, Evaporation Pits and covering a range of oils and viscosities.

Areas of Use:

Hydroelectric Plants, Oil/Gas Refineries, Iron/Steel Mills, Chemicals, Food Processing, Power Generation, Mining, Ground Water Remediation, Automotive Plants, Machining, Hydraulic Fracturing (Fracking).



T DISC RANGE

The T Disc systems are highly efficient skimmers designed for use in the removal of a wide range of hydrocarbon based pollutants from water.

Skimmers can be free floating or fixed, enabling them to be used in locations where significant water level changes occur. Skimmer systems are available with a wide range of recovery capacities.

The provision of the patented "T" profile around the periphery of an oil skimmer disc improves performance rate in promoting surface currents to draw isolated oil patches into the skimmer.

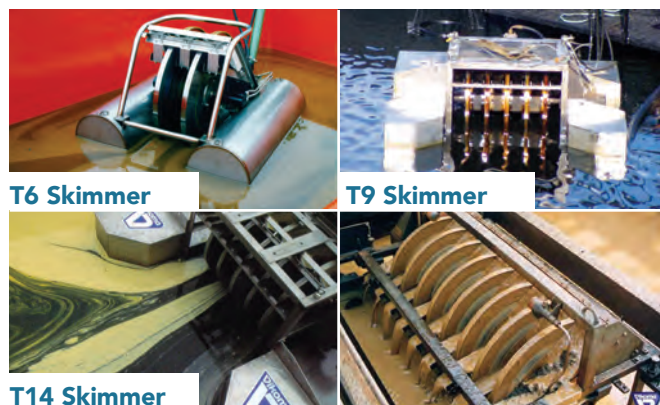
Skimmers can be fitted with a displacement recovered oil transfer pump which will pump a wide range of pollutants with a wide range of viscosities. The pumps have suction lift capabilities.

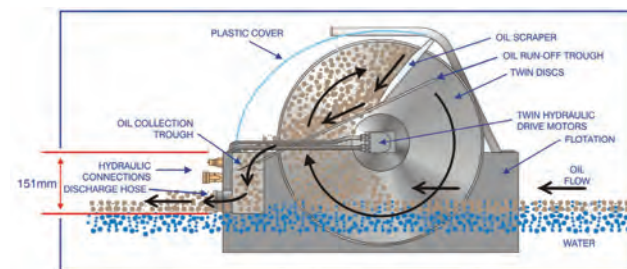
Benefits

- Manufactured in 316L stainless steel as standard to deal with the most common industrial environments,

other materials, such as Super Duplex, Incoloy and Hasteloy, are available if required

- Can be supplied to meet requirements of ATEX and IECEx
- Recovery rate from 1m³ to 14m³/h
- Recovered pollutant will typically contain less than 2% free water (ie more than 98% recovered oil)
- Return on investment can be achieved within 3 months depending on status of the process





T6, T9 and T14 Skimmer

With increased skimming capacity and an option for a floating skimming head where water levels may vary significantly as an alternative to a fixed version, for example an API separator.

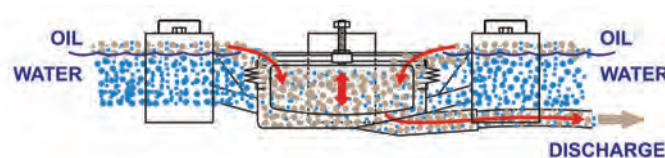
DRAGONFLY SKIMMER

A floating weir skimmer. The depth of the circular weir is controlled by a float unit situated in the oil collection trough.

It can be supplied with diesel, electric, pneumatic or hydraulic transfer pumps.

The Dragonfly skimmer can also be attached to a vacuum tanker for skimming operations. There are options for mooring lines and spares kits. System Components: Dragonfly skimmer head, Transfer pump unit and hose set.

Capacity: Up to 15m³ per hour



IN TANK SKIMMERS

Vikoma In-Tank skimmer systems typically consist of a floating Dragon Fly skimmer and discharge tube assembly.

The depth of the circular weir lip submersion is controlled by the float unit situated in the oil collection trough.

Vikoma can design and supply single or multiple articulated discharge arms in order to suit different tank shapes and sizes.

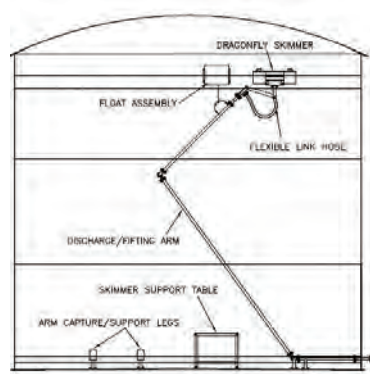
The systems can be manufactured from a variety of specialist materials, such as 316 Stainless Steel, Super Duplex, Incoloy 825.

The skimmer and discharge arms are of welded and bolted construction. This allows the component parts to

be accessed through any existing manholes with a minimum of 600mm diameter. The items are then assembled inside the tank.

Optional extras: Spare kits, Liquid level sensors and Transfer pumps

System components: Weir skimmer head, Articulated discharge arms or discharge hose, Tank nozzle adaptors/flanges



KEBAB K4

Portable, Lightweight Skimmer

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 BOOMS

SUPER-HI SPRINT

Single Point Inflation Boom (Patent applied) from the reel

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 minutes
- Suitable for extreme weather

Specification

- Inflated height: 750 - 1500mm
- Freeboard height: 350 - 900mm
- Draft: 400 - 1100mm
- Ballast: Galvanised chain
- Section lengths: 50m, 100m
- Connector: ASTM or Unicon



HI SPRINT

Fast, Single Point Inflation Boom

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



BULLHEAD BOOM

Heavy Duty Chamber 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



CONTRACTOR BOOM

Low Cost, Disposable Boom

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



VIKOFLEX

Light, Flexible Fence Boom

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



Vikoflex

SHOREGUARDIAN

Beach Sealing Boom

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



Shoreguardian

SETNINAL

Air or Foam Filled Oil Containment Boom

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



Sentinel

KOMARA OIL 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.

Benefits

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

Benefits of all Komara Skimmers

- Operate smoothly even at 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

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