



**Quality, Reliability, Innovation....at the heart of everything we do**

## **Portable Mini Pipeline**

Vikoma is delighted to offer a revolutionary product that addresses the common problem of transportation of recovered product during an oil spill response operation.

An obstacle that is commonly encountered is the requirement to move recovered oil from a recovery site or a spill on land in a remote location, where contaminated liquid needs to be pumped to a different location for access by equipment such as vacuum trucks.

The Vikoma Mini Pipeline System has the ability to solve this issue. It has the capability to move liquid over distances of up to 1.5km using a combination of decanting tanks and highly efficient positive displacement lobe pumps. The Vikoma Mini Pipeline System also uses a series of rigid pipework with special adaptors that allow a 30 degree alignment to adapt to even the most uneven terrain. The local connections between rigid pipework and tanks are flexible to allow connections to the pumps and valves to be done on-site.

As safety is always a top priority, the Vikoma Mini Pipeline System can be fitted with an auto shutdown device and exhaust spark arrestor to enable safe running in extreme oil spill response environments.

Our pipeline systems have proven popular for moving oils and other liquids from areas which are difficult to reach, such as forests, tundra, marshes and shorelines.



Mini Pipeline being assembled on site



Portable Pipeline system ready for action

## Unique high integrity vulcanised base for floating recovered oil storage tank

Vikoma have developed a unique vulcanised base for our floating recovered oil storage tank( FROST). This increases strength and is an unrivalled solution. Our manufacturing processes are unique and a floating tank with a vulcanised base sets our tanks apart from the competition.

Vulcanising is a process where layers of our neoprene coated fabric and a solution are put through a heat press resulting in a high integrity seam with greater resistance to hydrocarbons and extreme temperatures than a cold glue process.

Our neoprene booms are also made from the same high quality vulcanising process. Quality and reliability is at the heart of everything we do. You can rely on our products to work first time, every time which is essential in an oil spill.



FROST with 50T oil capacity



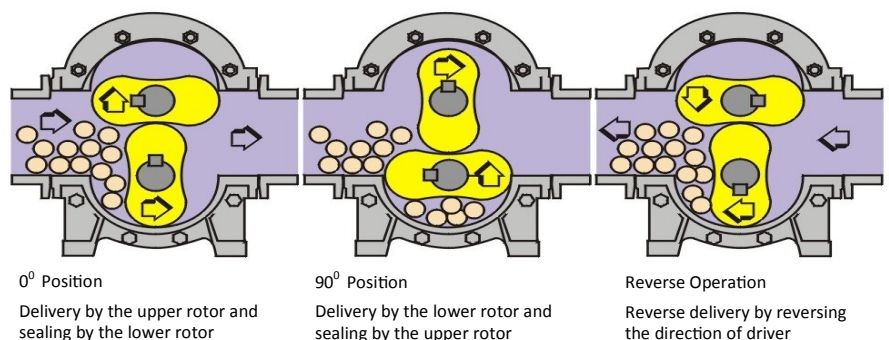
50T FROST showing vulcanised base

## Why is our VikoPump so good? 1,200 sold so far....

Vikoma is celebrating incorporating the 1,200th VikoPump into our Komara skimmers. Vikoma has been using the advanced technology of positive displacement lobe pumps for over 20 years following intensive research and development into the most efficient pumping units used within the oil spill response industry.

Vikoma skimmers have a high oil recovery efficiency rate, with 98% oil recovery and just 2% water (some water content is inevitable with any skimming solution). It is hugely beneficial to ensure recovered oil is not emulsified, and this is where VikoPump out performs other pumping systems. VikoPump has a kind pumping technique which is designed to prevent the recovered oil from being emulsified. Other key points for the VikoPump is that they have the ability to run dry for extended periods of time without causing damage or creating excessive heat, solids handling up to 30mm, can be overhauled in the field without the requirements for any special tools and can even pump plastic bags, rope and seaweed without cutting blade requirements.

The Vikoma VikoPumps are also extremely economical with over 75% efficiency spread over a wide speed range means that the VikoPump range can be driven from smaller hydraulic power packs compared to other categories of pumps.





## EMSA Hi Sprint 2000 containment boom commissioning

Vikoma International has successfully delivered, installed and deployed 500m of Hi Sprint 2000 oil containment booms. With an overall inflated height of 2m, these booms are manufactured from reinforced, double faced neoprene, have excellent wave following characteristics and have the lowest life cycle cost of any boom in its class.

The high speed single point inflation booms were supplied to the Polrom/ EPE operated vessel Aktea OSRV in Greece.

The Aktea OSRV is the EMSA standby vessel for response to Oil Spills within the region and is fully equipped with containment booms, recovery skimmers and Rigid Sweep Arms. The Vikoma Hi Sprint boom was deployed in a training and simulation exercise to familiarise the crew in fast effective response times.

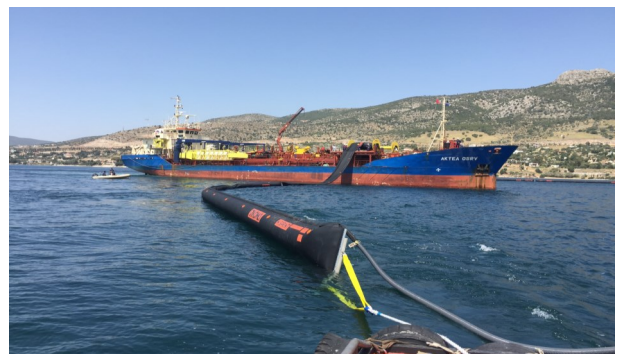
Supplied as two independent booms, fitted to existing reels, both boom systems were deployed and connected to form one complete 500m containment boom with a 5m gate mechanism in the centre.

This highly efficient form of skimming allows the Aktea OSRV to then follow the open U containment boom whilst recovering oil via its Koseq Rigid Sweeping Arms.

Upon successful deployment and operation of the booms the official acceptance was awarded by EMSA. These Vikoma Hi Sprint Booms will join the ever growing stock of Vikoma equipment currently in operation on the EMSA Standby Pollution Response Fleet.



Skimmer deployed with Hi Sprint boom



Vikoma Hi Sprint boom during deployment

## New Vikoma basics range launched

We have introduced a new range of oil spill equipment, packaged to provide an entry level solution for containment and storage of oil. It is simple and easy to use at a cost that won't break the budget.

The PVC oil containment boom is lightweight, polystyrene filled boom and the low price makes it ideally suited to single use applications.

The PVC tanks are available in two sizes, are frameless and quick and easy to erect.



basics tank erected

## Supporting our community.....

### Vikoma attends InterSpill

Vikoma exhibited at InterSpill 2018 in London and alongside partners, Koseq, designers and manufacturers of the Rigid Sweeping Arm. Demonstrations included the Vikoseal, an innovative solution for bunkering and ship to ship operations and Super Hi Sprint Boom, the fastest containment boom to deploy and recover on the market, taking less than 20 minutes to deploy 300m.

Visitors were impressed with the wide selection and quality of our equipment on display. It was good to



Vikoma's stand at InterSpill

catch up with familiar faces as well as meet new ones too.

### Football

Downside Youth football team are celebrating winning the Paul Westbury Cup. Sponsored by Vikoma, they also won all their league matches except one in the last season. Well done Downside!!

The team is managed by Dustin Chandler who has worked in the Vikoma boom shop for 14 years.



Dustin Chandler—  
Manager



Vikoma sponsored team with trophies for winning the Paul Westbury Cup

### Apprenticeships

We are committed to our apprenticeship programme and training and long term careers for our trainees.

Will Edwards, recently started on a 3 year apprenticeship to obtain a Level 3 in Electrical and Electronic Engineering. Attending the Isle of Wight College one day a week, Will is thoroughly enjoying his time with Vikoma. He said "I have learnt a wide variety of new skills at Vikoma and am looking forward to learning further skills too."



Will Edwards, apprentice

### Farewell Roger

After 38 Years, Roger Balment, Fitting Shop Supervisor is taking retirement. Roger started with Vikoma in 1980 as a Welder /Fabricator working for 5 years under that role before progressing and becoming supervisor of the fitting shop.

We wish Roger all the very best for his retirement and thank him for his hard work and dedication over the years.



Mark Wheeler, Ops Director presenting Roger with gift

### Message from the Managing Director, Karen Lucas:

We are renowned leaders in the oil spill industry with worldwide recognition for our Komara Skimmers and Hi Sprint single point inflation boom system, to name but a few, but we offer many products which are less well known, but deserve some recognition, for instance our mini pipeline system (front page) or our VikoPump (page 2). If you have a requirement, please contact us as we are here to help you find a solution.



Thank you to all those who have contributed to this issue of the Vikoma newsletter. Please feel free to let Megan Macgregor know of upcoming events or recent achievements that would be worthwhile releasing in future issues.