

Industrial Skimmers

Vikoma is a world leader with over 50 years experience in the design and manufacture of reliable equipment for your oily water skimming requirements. You can depend on our products to work reliably when you need them and Vikoma will be there to support you through the product lifecycle.

Our highly efficient range of skimmers are suited to many industrial applications enabling recovered oil to be reused (blended back into feedstock) or utilised for other site activities or recycled and sold on to other users.

Oil skimming enables users to meet regulatory requirements, as well as significantly reducing emissions to the atmosphere.

Oil refineries & Petro Chemical

Vikoma oil skimming systems have a long history of being used in oil refining and petro-chemical operations. The skimmers are typically used in the water treatment process to efficiently remove oil from water. Typical oil/water recovery = 98% oil with 2% water.

Skimmers can be supplied with certification for use in Zone 0 as well as lower risk areas such as Zone 1 and Zone 2.

Electro-hydraulic power units can be supplied with certification for use in Zone 1 or 2 as well for use in non-hazardous areas.

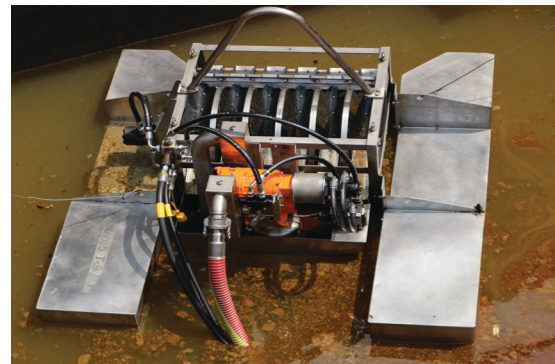
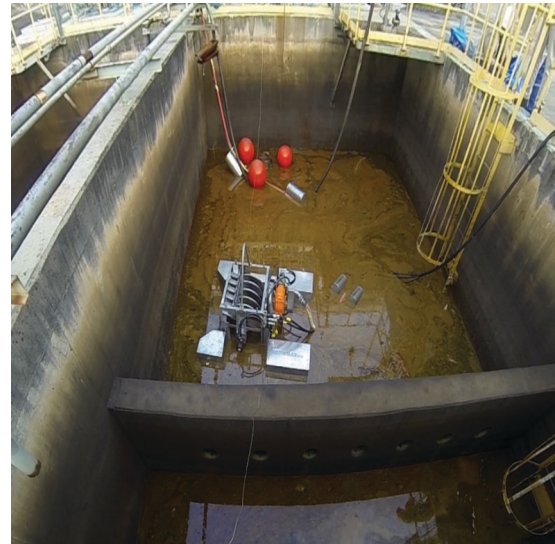
Global legislation and operating requirements are becoming more stringent and many separators/interceptors are now being designated as Zone 0 hazardous areas. Vikoma has developed a range of skimming systems suitable for these highly hazardous operating areas.

Steel works, Power Stations, Pharmaceutical, Palm Oil, Product/Tank Farms.

Steel works, Power Stations, Pharmaceuticals, Palm Oil, Sumps & Storage / Tank Farms

Oil skimming is used globally in numerous industrial applications to remove oil and grease from the surface of the water or other liquids found in waste and process water.

In applications such as steel mills, coolants become contaminated with oil and grease which can be filtered and reused extending the life of the coolant. Skimmers are used to remove oil from the surface of wastewater prior to discharge, preventing pollution of waterways and ensuring environment regulations are met.



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 RISBORG

Industrial Skimmers

Floating Skimmers

Our Oleophilic industrial disc skimmers are highly efficient skimmers recovering oil. Oil attaches itself to the disc through oleophilic action and water does not. Scrapers placed at optimum positions ensure recovered oil then efficiently scraped and then recovered into a hopper where it is collected and then pumped to storage.

We offer two disc variations. A flat disc, and a T disc. The T disc offers improved recovery efficiency when recovering very light oil and when rotating discs at higher speeds.

Our skimmers are available with a range of recovery capacities and a range of areas of influence, which is the area from which the skimmer can draw in floating oil contaminants towards itself. The highest capacity industrial skimmer recovers up to 14m³ per hour and has an area of influence of 95m². The skimmer has 8 rotating discs. The lowest capacity skimmer in this range has 2 rotating discs with a recovery capacity of 5m³ per hour and an area of influence of 5m².

We also offer a trolley mounted, portable skimmer suited to areas with limited access or occasional use.



In tank skimmers

The in-tank skimmer is a floating weir skimmer. It is designed primarily for the recovery of a range of floating pollutants and can be used in either fixed or floating roof tanks. It typically consists of a Dragonfly skimmer and discharge tube assembly which can rise and fall with the roof structure, either independently or fixed to maximise efficiency.

A key part of our in-tank skimming system is the swivel arm, which allows the system to move with the water level and sit at a base of the tank when little or no water is present. Vikoma can design single or multiple articulated discharge arms to suit tank shapes and outlet sizes.

Materials

Skimming systems can be manufactured from a wide range of materials including SS316L, 6Mo, Super Duplex and Incolloy 825.

