

## Megator System - 3

### Restoring The Quality Of Water

The Megator 'System-3' is an efficient, low cost unit developed to effectively recover and separate oil from water. The 'System-3' consists of three components:

**Skimmer** - To recover the oily water

**Pump** - To transfer the oily water

**Separator** - To separate the oil & water



#### Skimmer

Megator's floating skimmers skim the surface of water, where the highest concentration of oil is located. The intake weir is adjustable, enabling the skimmer to deal with thin or thick oil layers.

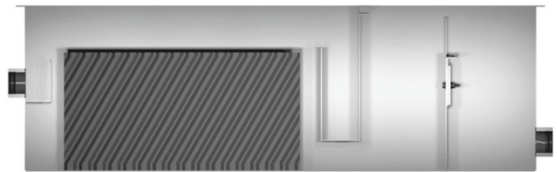


#### Pump

The low shear effect of the sliding shoe pump prevents the oil from emulsifying. Combined with self-priming, super-suction and dry running capabilities, the Megator pump is the ideal oil removal and separator feed pump.

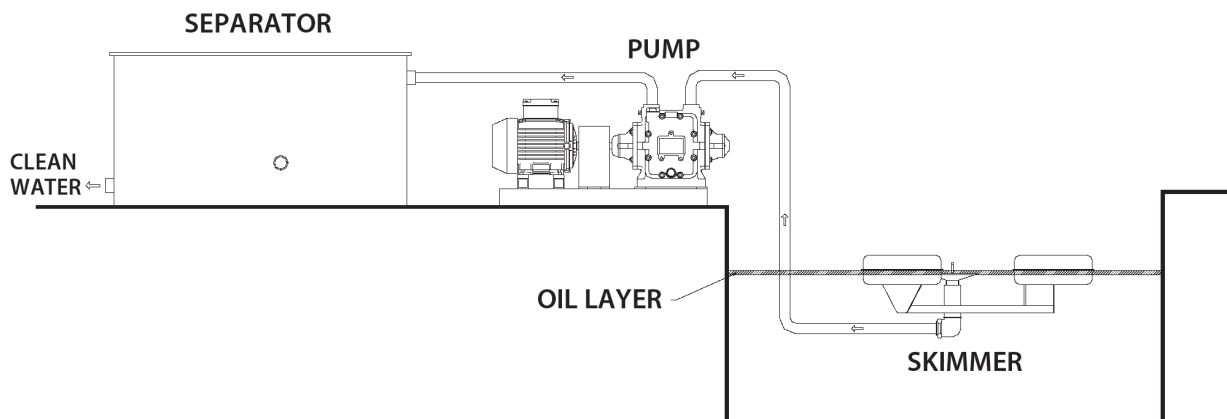
## Separator

Lightweight, durable stainless steel construction make the SS-MEGA-OWS extremely portable. Megator separators can handle a wide variety of temperatures, chemicals, varying viscosities and solids loading rates. Designed to be used in conjunction with Megator Oil Recovery Systems. The SSMEGA-OWS Oil/Water Separator is sized according to the American Petroleum Institutes Publication No. 421 formula for oil/water separator sizing. This separator will remove virtually all free and dispersed oil particles of 20 microns and larger from the wastewater.



▲ Separator internals

## System-3 layout



- > Available as a fixed installation or as a compact portable unit mounted on a trailer.
- > Skimmer available in stainless steel or GRP.
- > Pump available in aluminium, cast iron or bronze. Drive options include air, diesel, electric or gas.
- > Separator available in 304 or 316 stainless steel with different coalescing media types, coalescing plate spacing options and a complete selection of accessories.

