

MACSEP large oily water separators

Certified to meet NZ seismic conditions



MACSEP supplies a range of large oily water separators with capacities from 10,000 litres/hour up to 300,000 litres/hour.

They are manufactured to MACSEP specifications to meet the requirements of the power and petroleum industries in New Zealand.

MACSEP personnel have been involved in supplying large oily water separators to both New Zealand and overseas clients for over 20 years, and can advise on the best solution for any potential application.

MACSEP large oily water separators are a rectangular style with one or more packs of stainless steel parallel plates.

The plate packs are held in rigid stainless steel frames, and are easily removable and interchangeable.

The range of large oily water separators supplied by MACSEP are manufactured to order and can be tailored to suit each client's specific requirements or operating conditions.

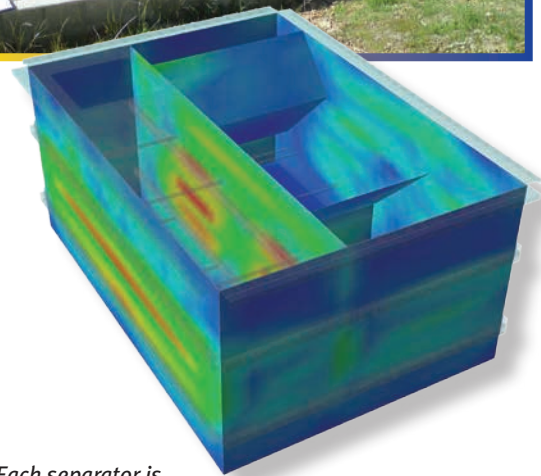
Please contact us at the planning stage of your particular project so we can best advise on the best solution and available options.

Features

- Inlet flow distribution baffle
- Large settlement zone for solids
- 1 or more packs of plates (removable)
- Anti-bypass baffles
- Primary & secondary oil skimmers (with dual adjustable weirs)
- Settled sludge chamber c/w sludge drains
- Adjustable outlet overflow weir
- 2 year mechanical warranty



Specialists in Oil Water Separation
and Dissolved Air Flotation Technologies



Each separator is CAD designed for accuracy, & seismically modelled to ensure they meet NZ conditions.

Construction materials

The standard material of construction for MACSEP large oily water separators, and their control panels, is 304 stainless steel. If the oil separator is to be located in a corrosive environment (eg location subject to wind blown sea spray or geothermal activity) or subject to high chlorides in the influent then alternative materials are available: 316 stainless steel, duplex and super duplex stainless steel, painted stainless steel and painted carbon steel.

Stainless steel plate packs are standard and GRP plate packs are optional.

Ancillaries

- Integral waste oil tanks
- High level alarm for waste oil tank
- Separator lids
- Walkways or inspection platforms
- ANSI Flanges
- Slow speed helical rotor pumps
- Pump level controls
- Control cubicles
- Foot valves & strainers

Industry applications

- Hydro power stations
- Mini hydro power stations
- Geothermal power stations
- Gas fired power stations
- Combined cycle power stations
- Co-generation power stations
- Wind farms
- Larger sub-stations
- Refineries, terminals, tank farms



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