

Stationary oil separator with floating body for mounting into tank

Mobile oil separator cross floating body

Stationary or mobile oil separator

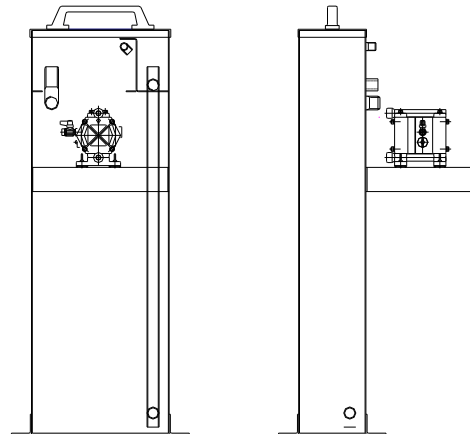
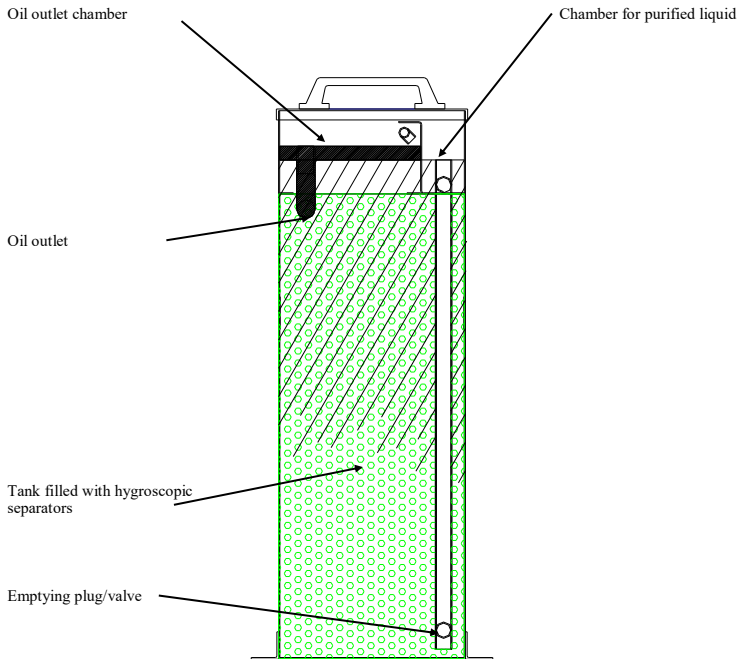
Oil separator

Application:

The oil separator separates floating oil from for example water based washing detergents, coolant emulsions and emulsified oil when a flocculating agent is added.

Function:

After entering the oil separator through a pump, the polluted solution separates to a certain degree immediately, the free or flocculated oil remains on the surface whereby it seeps through to the oil outlet chamber. The remaining solution runs down through a tank filled with plastic modules (hygroscopic separators). Oil globules are attracted to and collect on the surface of the modules. When the buoyancy of oil globules exceeds the attractive force from the plastic surface the oil is released and rises into the oil outlet chamber. Clean fluid passes from the bottom of the tank into the cleaned fluid chamber from which it returns to the machine via an outlet. There are two versions of oil separators, one is connected permanently to the tank while the other is mobile and can therefore be moved between different tanks or even different machines.



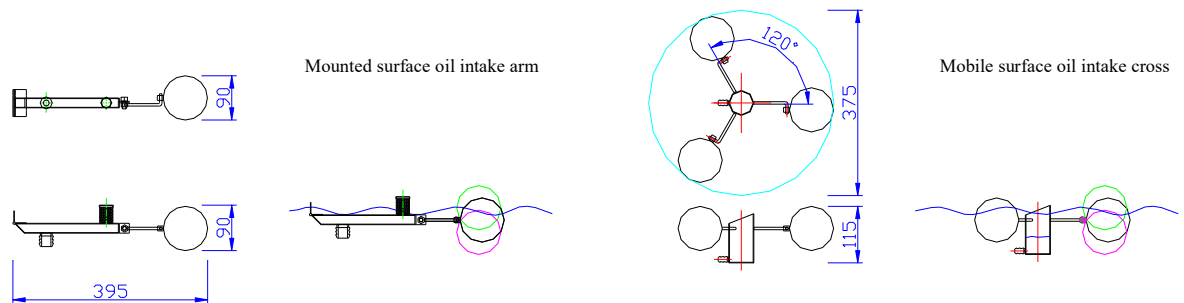
Stationary oil separator

Mobile oil separator

External dimensions, (WxLxH)	485x440x1065mm
Volume of liquid	~50 litres
Compressed air in bar	4-6 bar
Air consumption in litres/min	Less than 100 litres / min
Capacity	1500 litre tank per unit

450x840x1200mm
~50 liter
4-6 bar
Less than 100 litres / min
1500 litre tank per unit

Oil intake:



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