

Mobile Oil/Water Separators (OWS)

Siltbuster Limited's mobile Oil/Water Separators offer a simple readily available means of removing free floating oil and light non-aqueous phase liquids (LNAPLs) from water.

Settleable solids can also be removed by gravity as can Dense Non-Aqueous Phase Liquids (DNAPLs) which sink and are collected in the base before being drawn off.

Developed with the construction and environmental remediation markets in mind, these compact and robust units are a new slant on the tilted plate separator concept. They are ideal for removing contaminants from site runoff and groundwater or process water before discharge or upfront of dissolved phase hydrocarbons removal, carbon filters etc.

Two principal OWS models are available from stock:

- A flat bottomed FB50 OWS model typically employed where the suspended solids/DNAPL concentrations are low; and
- A hopper bottom HB50 OWS model, for cases where higher suspended solids/DNAPL concentrations are envisaged. These models offer a greater sludge storage volume and if necessary allow the continuous on-line removal of solids.

Why choose an Oil/Water Separator from Siltbuster?

- Mobile and transportable compact units available from our hire fleet
- No moving parts, no filters, means no breakdowns or blockages
- Simple 3 way adjustable slotted skimmer bar removes floating product
- Anti-siphon collar minimises reverse flow when feed pump stops
- Integral skimmed product holding tank within unit
- Valved side draw off points enables gravity discharge of oil into drums etc.
- Quick release bauer couplings make site set up even faster
- A range of chemically resistant plates available for most applications
- Ideal for temporary, routine or emergency oil/water separation tasks
- Can also remove settleable solids and DNAPLs

Larger and smaller OWS units are available to order along with lids, covers and access platforms.



“Come and talk to us about what we can do for you!”