



# Oily Water Separation Container [OWSC]

## Services to the Wastewater Industry

Yet again Dexter Watson rise to a challenge, when a client poses a problem of separating water from oil contaminated with light suspended solids.

To fulfil this particular requirement, the OWSC was designed around the Dewatering Container concept with substantial modification including the introduction of heater coils which when linked to an external heat source keep the liquids inside at a high temperature, this allows the hydro-carbons to separate from the water while a floating skimmer system removes them from the surface.



Both in the interest of Health & Safety and to optimise efficiency insulated panels were added to the unit which keeps the external temperature to a minimum, the internal temperature to a maximum, optimising its energy efficiency and goes a long way in increasing the aesthetics of the equipment giving it a smooth clean appearance which is easy to clean down in the event of spillages.



**Left:** The internal view showing the unique heater coils, access ladder and floating oil skimmer, along the base can be seen the water removal filter screen system.



**Right:** another internal view, this time top down showing clearly the floating oil skimmer.

*Caring for the environment, by design...*



**Features:**

- 28 m<sup>3</sup> capacity
- Roll-on-off chassis
- Adjustable floating oil skimmer
- Hydraulically operated sealed rear door
- Rear door mounted tanker valve
- Blast hatch
- Folding access ladder and enclosed handrail system
- Works in conjunction with an external heat source



## Technical Specifications

	Transport	Sited
Length: mm	6552	6552
Width: mm	2450	2450
Height: mm	2670	3775
Weight: kg ( <i>Tare</i> )	3500 (APPROX)	
Capacity: m <sup>3</sup>	28	
Connections:	2 x 3" decant valve 1 x 4" inlet valve 1 x 4" lockable extraction valve 2 x 2" hot water valve 1 x 2" skim decant valve	



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