

VGS Oily Water Separator

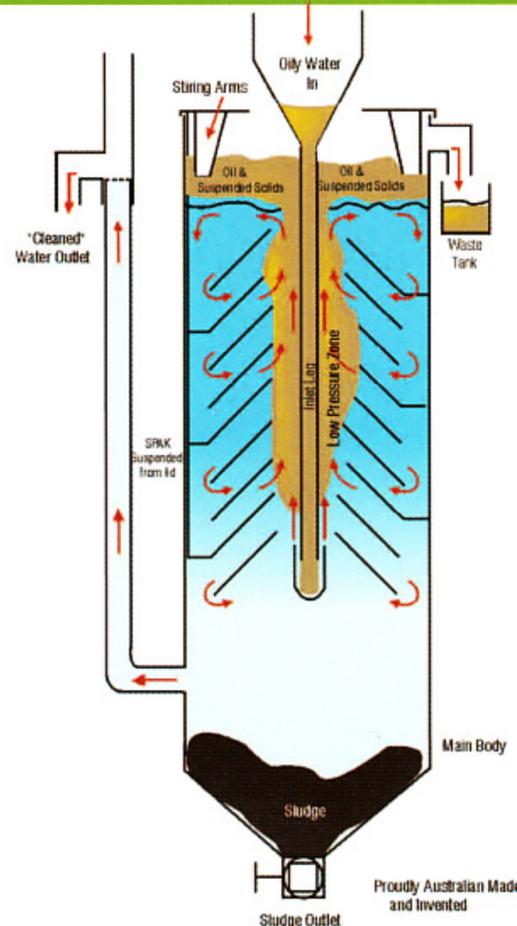


STAND MOUNTED MODEL

FLOW RATES

- 1000L/hr
- 1500L/hr
- 2000L/hr
- 2500L/hr
- 3000L/hr

How does it work?



The VGS is a flooded system in which the inlet and outlet columns form a U-tube configuration such that the oil is trapped on one side of the main body, while the cleaned water flows out of the other side.

The main body contains a continuous truncated conical spiral pack (SPAK) which is made of oleophilic material. Oily water is delivered into the bottom of the main body where it flows upwards through the centre of the SPAK assembly.

At the top of the main body, free oil and low density suspended solids are held, which eventually flow out for collection and suitable disposal.

The partially cleaned water is directed to the outside perimeter of the conical SPAK and follows a tortuous pattern while cascading down and around the SPAK.

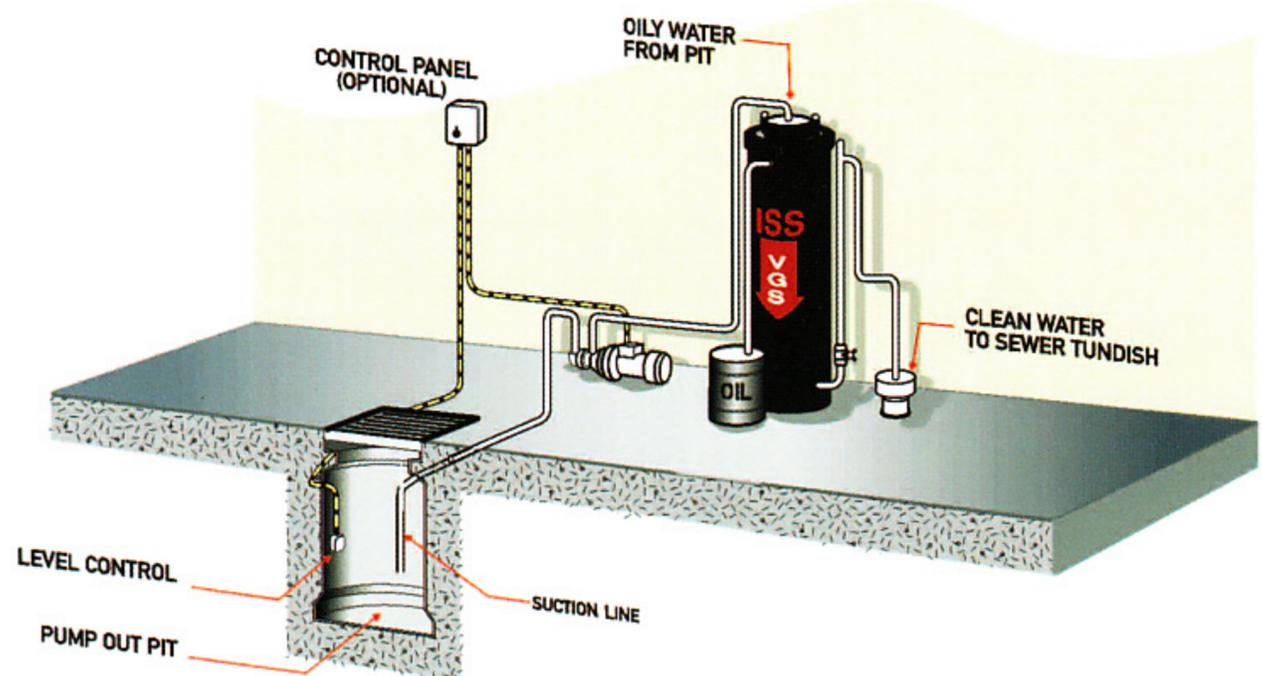
Here the lower density fluid (oil) is drawn up the incline of the oleophilic surface of the SPAK and back into the low pressure centre of the VGS, where it commingles with the incoming fluid and is redirected to the top of the main body.

A continuous convection current is created within the SPAK by the density and pressure variation down the fluid column and the upward flow of the cleaned water will enter the output leg of the separator and will flow up and out of the system, whilst the heavy solids will drop to the base of the vessel.

Application

- Panel Beaters
- Car Detailers
- Mechanical Workshops
- Service Stations/Fuel Depots
- Loading Bays
- Auto Dismantlers
- Equipment Hire Companies
- Radiator Repairs
- Commercial Car Washes
- Engine Reconditioners

Typical Application



GPS ENVIRONMENTAL
WASTE WATER SPECIALISTS

PH: 0428 313 777

www.gpsenvironmental.com.au



VGS Oily Water Separator

The VGS (Vertical Gravity Separator) has been developed to effectively remove free oil, grease and suspended solids from wastewater plus greatly reduce the frequency and difficulty of maintenance compared to conventional plate separators.

The solution you have been waiting for!

Which would you prefer?



FREE STANDING MODEL

FLOW RATES

1000L/hr

1500L/hr



this...

Conventional oily water separators are messy, dirty things when it comes to cleaning. Someone first has to remove the plates and then use a high pressure hose to clean them. What a mess... grease and oil everywhere.



or this...

The VGS does the job better. No lifting the plates out - no reblocking your system - no getting covered in oil and grease. Simply turn a valve and within five minutes you are back in business!

There is a difference

The VGS

- continuously meets the performance standards
- is able to handle high concentrations of oil
- effectively removes the suspended solids
- reduces vapour content to acceptable levels
- requires less floor space

Act now!

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SPILLCLEAN

