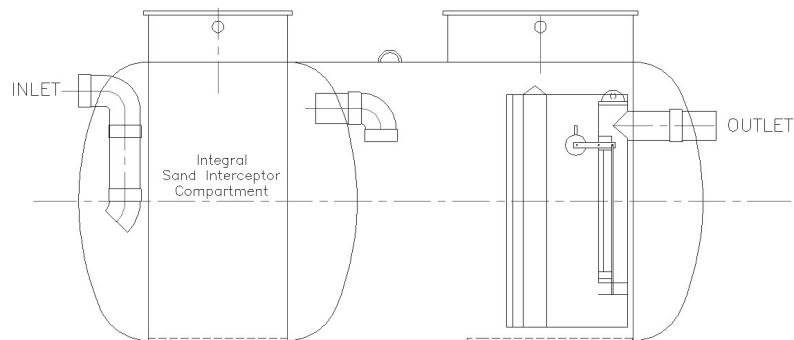


TECHNOL d.o.o.
ENGINEERING & GRP PRODUCTION L.r.d.

**TECHNOL
CYLINDRICAL
OIL/
WATER
SEPARATORS**

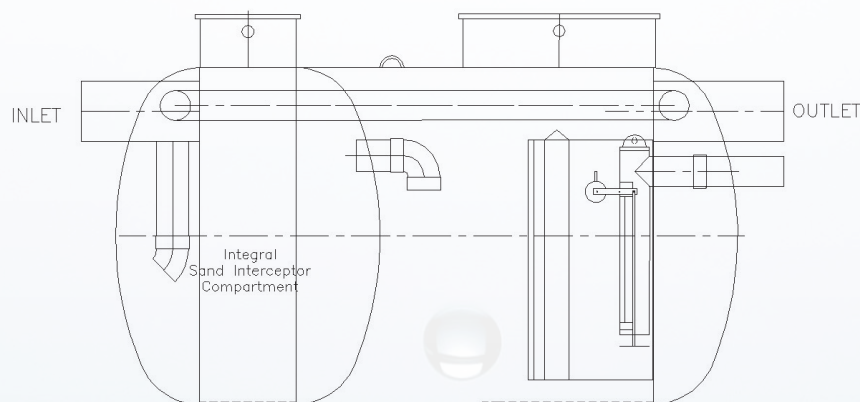
Pre-Engineered Design Options

OIL-TECH



Oil/water separators feature an integral sand interceptor compartment to permit sand and gravel to settle out before the wastewater enters the oil/water separator.

OIL-TECH BP



Maximum 10% flow goes through the separator and 90% goes through the bypass. On the end of outlet pipe from the separator a non-return valve is mounted.

How It Works....

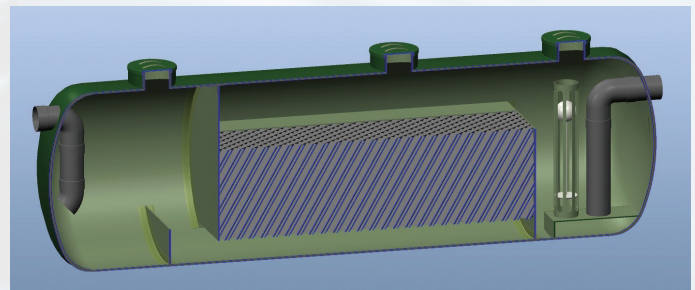
Technol oil/water separators are stationary wastewater treatment vessels, filled with water. The vessel is designed for unconfined access from above for inspection and maintenance.

Inlet flow is made to reduce flow turbulence and to distribute the flow evenly over the separator's cross-sectional area. In the sediment chamber, heavy solids settle out and concentrated oil rises to the surface.

The oily water then passes through the pipe in the separation chamber. To intercept droplets of oil, we use a Coalescer (an encased bundle of layered oil-attracting fibres). The effluent flows downward to the outlet and is discharged by gravity displacement.

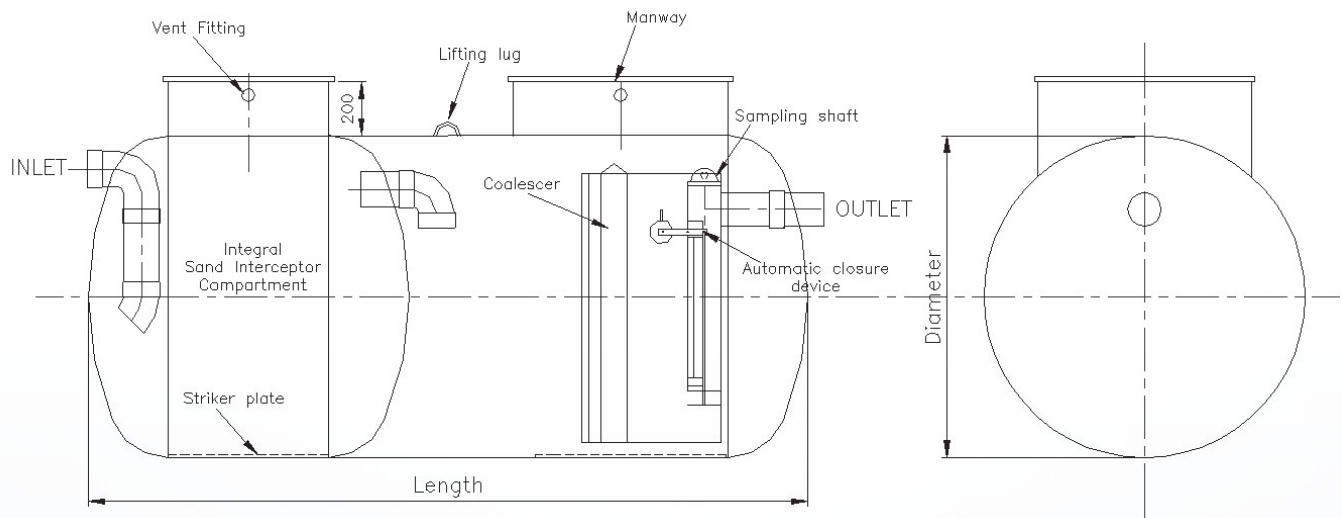
Large chambers allow total, unconfined, unrestricted access to the removable polyester foam and automatic closer device for safe visual inspection, cleaning, and maintenance.

Electronic oil level controls sound an alarm at high oil levels so that waste oil can be removed from the separator. Double-walled separators are mounted with electronic leak detection systems for the interstitial space.



OIL-TECH

Oil/water separators feature an integral sand interceptor compartment to permit sand and gravel to settle out before the waste water enters the oil/water separator.



Description:

- Produced from GRP, which guarantees a 100% chemical resistance and long service life without any maintenance costs
- In accordance with the standard EN 858
- Class I design (< 5mg/l)
- Flow rate 6 to 300 l/s (for larger flows, please contact us)
- Under ground and above ground design
- Lifting eyes for easier manipulation
- Connections for venting in the manhole
- PVC inlet and outlet pipes
- Integrated settler
- Coalescer
- Float for easy assembly and disassembly
- Built-in sampling system
- Warranty on tank 5 years

Options:

- Double wall construction full GRP
- Alarm system
- Plastic cover

In the case the oil separator is used on trafficked surfaces an AB concrete reinforcement with iron grating covers should be made.

Cylindrical Separator Sizing Guide

Model	Surface	Flow rate	Dimensions		Inlet & Outlet
	[m ²]	[l/s]	Diameter D[mm]	Length L[mm]	Diameter DN
OIL-TECH 6	300	6	1200	2670	125
OIL-TECH 10	500	10	1400	3070	150
OIL-TECH 15	750	15	1400	3440	200
OIL-TECH 20	1000	20	1600	4500	200
OIL-TECH 30	1500	30	1600	6000	250
OIL-TECH 40	2000	40	1800	6250	300
OIL-TECH 50	2500	50	1800	7750	300
OIL-TECH 65	3500	65	2000	8500	300
OIL-TECH 80	4000	80	2000	10400	300
OIL-TECH 100	5000	100	2400	9800	300
OIL-TECH 125	6250	125	2400	10700	400
OIL-TECH 150	7000	150	3000	8650	400
OIL-TECH 200	10000	200	3000	12150	450

Custom sizing is available.

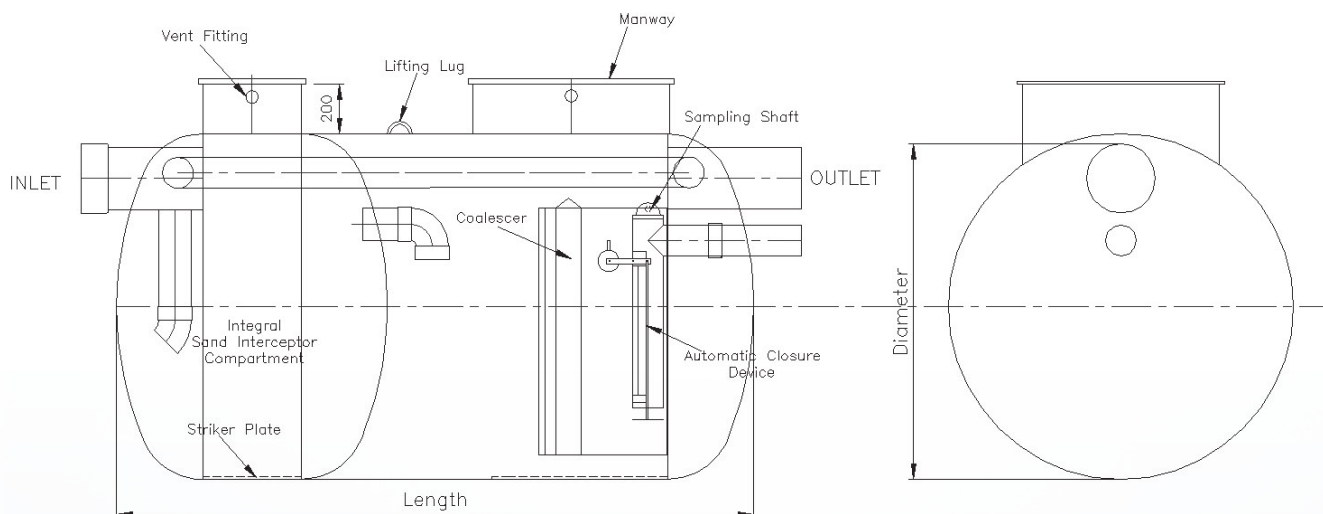
Fields of application:

- Parking spaces
- Warehouses
- Parking garage
- Filling stations
- Highways
- Industrial area
- Washing
- Fuel storage

Outflow from Oil-TECH separators can be drawn in the recipient or drainage system.

OIL-TECH BP

Maximum 10% flow goes through the separator and 90% goes through the bypass. On the end of outlet pipe from the separator a non-return valve is mounted to avoid that backflow water enters in the separator.



Description:

- Produced from GRP, which guarantees a 100% chemical resistance and longservice life without any maintenance costs
- In accordance with the standard EN 858
- Class I design (< 5mg/l)
- Flow rate 6 to 300l/s (for larger flows, please contact us)
- Under ground and above ground design
- Lifting eyes for easier manipulation
- Connections for venting in the manhole
- Integrated settler
- Coalescer
- Float for easy assembly and disassembly
- Built-in sampling system
- Supplied with non-return valve
- Warranty on tank 5 years

Options:

- Double wall construction full GRP
- Alarm system
- Plastic cover

In the case the oil separator is used on trafficked surfaces an AB concrete reinforcement with iron grating cover should be made.

Cylindrical Bypass Separator Sizing Guide

Model	Surface	Flow rate	Dimensions		Inlet & Outlet
	[m ²]	[l/s]	D[mm]	L[mm]	Diameter DN
OIL-TECH BP 6	300	6/60	1400	2050	250
OIL-TECH BP 10	500	10/100	1400	2950	300
OIL-TECH BP 15	750	15/150	1600	2800	400
OIL-TECH BP 20	1000	20/200	1600	3800	400
OIL-TECH BP 30	1500	30/300	1800	3950	500
OIL-TECH BP 40	2000	40/400	2200	3950	600
OIL-TECH BP 50	2500	50/500	2200	4550	600
OIL-TECH BP 60	3500	60/600	2200	5700	600
OIL-TECH BP 80	4000	80/800	2400	6100	600
OIL-TECH BP 100	5000	100/1000	2400	7300	600
OIL-TECH BP 125	6250	125/1250	3000	6550	800
OIL-TECH BP 150	7000	150/1500	3000	7850	800
OIL-TECH BP 200	10000	200/2000	3500	8050	800

Custom sizing is available.

Oil separator with bypass is dimensioned to critical flow.

Fields of application:

- Parking spaces
 - Highways
 - Working yards
 - Large industrial areas
- Outflow from Oil-TECH BP separators must be drawn into a public sewer system.

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