

# Built on Tradition



# Highland Tank®



## OilStopper

HT-2557

Highland Tank's new OilStopper® Oil/Water Separators are designed for the removal of free-floating oil, grease, and settleable oily coated solids from oil/water mixtures associated with many types of industrial applications. Fabricated of heavy-duty stainless steel, the aesthetically pleasing OilStopper® is easy to maintain and keep clean.

And because of the unique ability of stainless steel to resist corrosion, heat damage and chemical damage, our high strength separators will increase the life of your project while providing the best value in the long run.

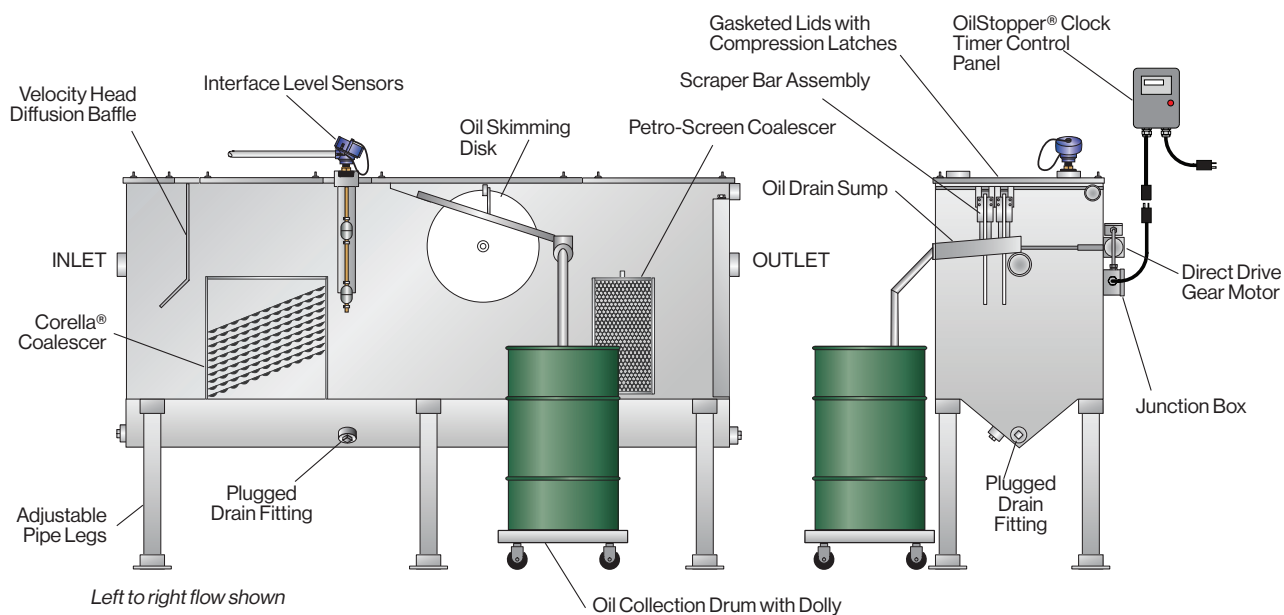
Like all Highland Tank oil/water separators, the OilStopper® is equipped with our patented Corella® coalescers that combine the features of both a flat plate coalescer and a corrugated plate coalescer into a new "self-cleaning" design that performs better than traditional plate separators.

Corella® accelerates the separation process and greatly reduces the level of oil and oily coated solids discharged into municipal sewer systems. Additionally, the OilStopper® includes our proprietary Diskimmer, a completely integrated, electrically powered oil recovery device.

### Operation is simple:

The separated oil attaches itself to the plastic where the rotating disc enters the water. As the disc rotates, the oil is carried with it until that portion of the disc with the oil on it passes between the scraper blades. The oil is scraped off the discs and flows by gravity through the scraper chutes to the sump where it is discharged to the oil collection barrel(s).

# Drawing & Details



The Diskimmer helps reduce maintenance and waste oil charges by effectively only removing oil - not water. The OilStopper® operates at optimum efficiency by keeping the accumulated oil layer to a minimum.

This high performance separator removes the separated oil on a regular basis by skimming the oil from the wastewater surface into the oil collection barrel(s).

Model OS - OWS	Flow Rate Gal/Min	Total Vessel Gallons	Static Capacity Gallons	Nominal Dimensions Length x Width x Height	Inlet & Outlet Diameter	Inlet & Outlet Height
100	5	187	111.7	60" x 20" x 36"	1"	22"
200	10	327	216	72" x 30" x 62"*	2"	48"
300	25	436	276	96" x 30" x 62"*	3"	48"
600	50	860	613.7	120" x 36" x 62"*	4"	48"
1,000	100	1,405	1,002.5	196" x 36" x 62"*	6"	48"

\* Height with adjustable legs to accommodate 55 gallon oil drum is 62". Left to right flow illustrated, also available as right to left flow.

## Advantages

- Patented internal baffles and coalescers for proven performance
- Removes and recovers polluting oils and grease from industrial drains and sumps
- Skims separated oil automatically— timed or by event
- Constructed of corrosion resistant and low-maintenance stainless steel
- Separated oil is collected in an external waste oil barrel for recycling
- Removable, vapor-tight top covers for easy access and maintenance
- OSHA compliant steps and platform for safe inspection and cleaning
- High oil level alarm and controls for constant separator monitoring
- Available with complete equipment packages including level sensors, alarm/control panels, and influent or effluent pump systems
- A wide range of standard sizes and capacities; custom manufacturing is available



# Highland Tank®



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