



## FLOATING FUNNEL TYPE OIL SKIMMER

**Ven's Floating Funnel Type Oil Skimmer** is a complete system designed to remove floating oils, and other contaminants from the surface of water bodies. The assembly consists of various components that work together to efficiently skim the surface of water, capture contaminants, and direct them to a collection point for removal. It is commonly used in industrial applications, water treatment plants.

### Key Features of a Floating Funnel Skimmer:

- Removes of floating oils
- Skims oil from all directions
- Easy to operate
- Easy to install
- Low operation and maintenance cost

Floating Funnel Type Oil Skimmer

For representation only. Actual Product shall vary in size, appearance as per customization





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## Working:

- The funnel draws free-floating oil from the surface of the liquid. It is centrally placed, between the floats. Articulated pipe or flexible hose is an extended arm of the funnel. The oil extracted at the funnel mouth flows through the articulated pipe or flexible hose to the collection tank.
- Floating funnel skimmers are self-operating gravity-based skimmers. The skimmer head mainly consists of floats and a funnel. The skimmer head extracts oil from the surface. The submerged floats position the funnel mouth marginally below the upper slick surface or at the interface between the floating oil and water. The gravitational force draws oil from the water's surface.
- The oil enters the mouth of the funnel into the hose or arm before it reaches the collection tank. The operation does not require moving mechanical or electrical parts for drawing oil.



Swivel Joint

## Floats assembly consists of:

- Floating Funnel
- Floatation System
- Oil Collection Chamber
- Discharge Mechanism
- Additional fully submerged floats
- Oil Transfer Piping/ Hoses



Vertical Tank for  
Floating Suction Assembly

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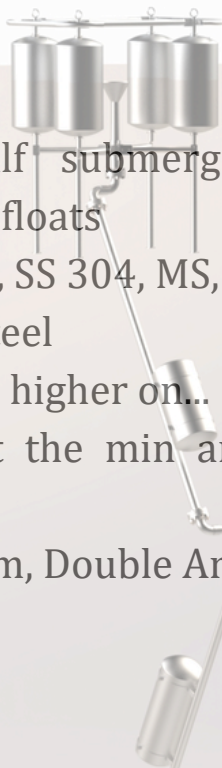


## Technical Details:

- **Type of floats:** Half submerged floats, Full submerged floats
- **MOC :** SS 316L, SS 316, SS 304, MS, Aluminium, Carbon Steel
- **Size of Pipe :** 2", 3", 4" higher on...
- **Arm Length:** To Suit the min and max level of liquid
- **No. of Arm :** Single Arm, Double Arm

## Applications:

- Aviation Storage Tank
- Sewage Treatment Plant
- Effluent Treatment Plant
- Aviation Turbine Fuel Tank
- Petrochemicals Industry
- Industrial Wastewater Treatment
- Power Plants & Cooling Systems
- Marine & Offshore Applications
- Storage Tanks & Lagoons
- Air Craft Industries
- Motor Fuelling Tank
- Naphtha Tank
- Cone/ Dome roof Tank
- Floating roof Tank
- CRWS Tank
- HSD Tank etc...



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