



VISCO ENGINEERS

These drum skimmers are the most efficient and the most selective floating skimmers available anywhere, due to the large surface area that is exposed to the floating oil. Easy to install and operate. Drum skimmers need only 3" of water to float in. Great for heavy industrial or spill work and is the tool of choice for several spill contractors and facility owners since it is so fast and does not give you much water to deal with. Readily skims light hydrocarbon, kerosene, petrol, diesel or heavy floating oils.

Drum Type Oil Skimmer is composed of following components

- ❖ Floating Groove Drum Type Oil Skimmer Unit
- ❖ Hydraulic Power Pack (Diesel / Electric Operated)
- ❖ Oil Transfer Pump (Hydraulic Driven)
- ❖ Hydraulic Hose and Suction Hose

Floating Groove Drum Type Oil Skimmer Unit

The floating groove drum type oil skimmer is a perfect unit to separate oil in large quantity. Due to light weight skimmer unit it floats on the surface of effluent easily. The skimmer unit has floating drums, hydraulic motor, on board barrier screen, self-adjusting wiper blade, frame, side floats and collection tank. The skimmer unit has hollow drum with groove on it to increase surface area of the skimmer surface and capable of skimming and transferring lighter (Low viscosity) as well as heavy oil (High viscosity). The skimming capacity starts from 500LPH to 45m³/hr. according to model.





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Hydraulic Power Pack

Visco Engineers has designed Hydraulic Power Pack for Floating Groove Drum Type Oil Skimmer. The whole unit very compact and portable to move one place to another place by its wheel. The Power Pack assembled with TEFC electric motor, flameproof DOL starter, Pump, oil receiver, suction strainer, relief valve, pressure gauges, hydraulic filter, fill & drain port reservoir, label gauge and tubing. The design rated capacity is at least 1.5 times the oil quantity that shall be required to power the skimmer drums and the oil transfers pump. The rated pressure of the power pack shall be at least 2500psi. All the components of the power pack shall be rated and designed accordingly. The electric motor, which is squirrel cage induction type, TEFC, flameproof, suitable for Zone 2 Gas Group IIA/IIB. The power pack is also available with Diesel/Petrol engine driven. The Power Pack has The excess quantity of oil shall get diverted to oil reservoir of power pack through a Relive Valve, which shall be provided with pressure adjustment knob. The pump outlet shall be provided with two pressure gauges, one on each side of the relief valve.



Hydraulic Submersible Centrifugal/Screw Pump

We supplied hydraulic submersible pump along with skimmer system can be fit on the skimmer body. The pump is capable to transfer lighter as well as heavier skimmed oil. The pump is suitable for solids handling upto 15mm.

We have two models in this range like hydraulic submersible centrifugal pump and hydraulic submersible screw pump.

