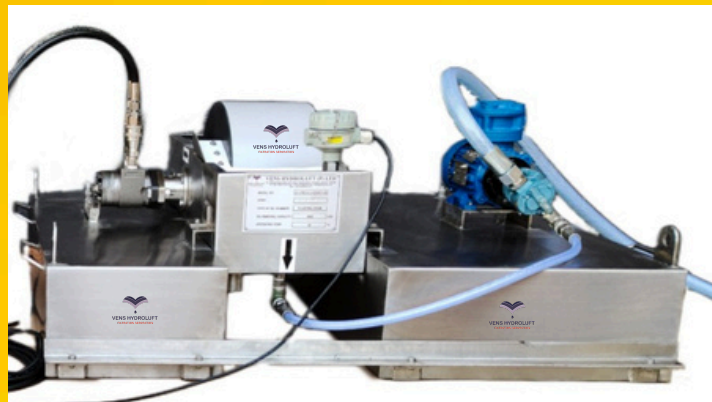
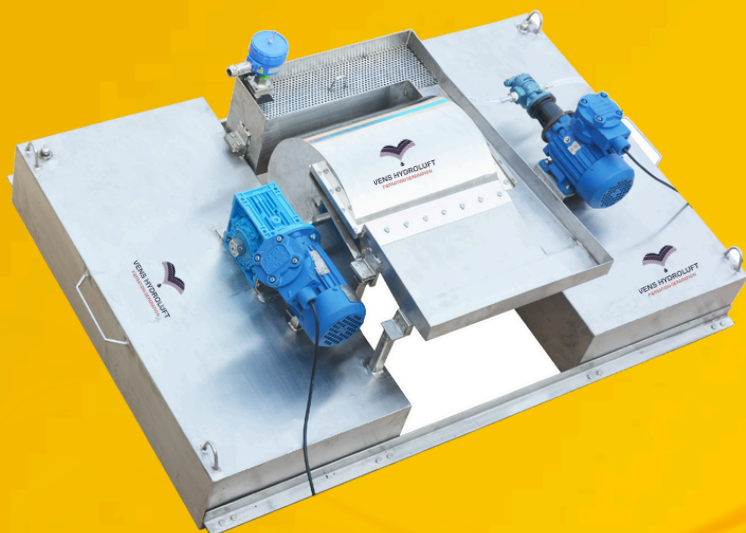




Floating Drum Skimmer are excellent oil skimming mechanisms for wiping Floating oil in large water storage areas with high levels of oil contamination – such as harbour/ coastal areas with oil spills, ETP tanks of oil industries/ rigs etc..

Fine polished drum made of Oleophilic polymer to diameters 300 or 350 or 400 mm facilitating adhesion of floating oil in the tank to its surface on either side & designed to skim 20,000 liters/ hr max of oil.

Two stage worm gear box to impart speed to the Drum.

The entire setup is mounted on a float which allows the Drums to freely float on liquid surface. This setup allows the skimmer to cover large area such as in large tanks, lakes, oceans etc., Oleophilic Drums are driven either by Electric motor or Hydraulic power pack or Air motor on shore depending on the site conditions and applications.

Special scraping Wipers wipes away the oil and the oil is directed to the collection tank on the vessel.

The bottom of the tank is connected to Oil suck back hoses through which oil is transferred to the vacuum chambers on the shore.

Size of Drum	300 mm or 350 mm or 400 mm Dia x 400 mm to 800 mm L (appx) (as per customisation)
No of Drums	1 or 2 (as per customisation)
Oil Removal Capacity	Upto 20,000 lph
Drive	3 Phase, AC Motor
Power Pack Capacity	1 HP to 20 HP (Customization Available) (Depending on Application)
Drive Make	CGL/KIRLOSKAR/SIEMENS/ REMI/MOTOVARIO/Equivalent
Temperature of Operation	Upto 120 °C
MOC of Wiper	Teflon (PTFE)
MOC of Drum	Oleophylic PVC / Stainless Steel 304/316
MOC of Frame	Marine Grade Aluminium/SS 304/SS 316
MOC of Oil collection tray	Marine Grade Aluminium/SS 304/SS 316



DRUM SKIMMER

For representation. Actual Product shall vary depending on specification chosen



PNEUMATIC

1. Drum Drive

Pneumatic Motor with Gear Box

2. Drive Requirement (Type)

Pneumatic Pressure @ 4 bar and Air flow rate @ 20 to 30 CFM

Optional

1. Oil Transfer Pump

a) Type

Air Operated Double Diaphragm

b) Drive

Pneumatic pressure @ 7 bar and Air flow rate in CFM to suit oil transfer capacity

c) Oil Transfer Capacity

To suit requirement

d) Air / Oil Flow Capacity

To suit oil transfer capacity



2. Source of Drive

i) Oil Transfer Pump

Compressor (Optional)

ii) Drum Drive

Pneumatic Drum Drive (Optional)

a) Type

Reciprocating, Electrically or Diesel Operated

b) Pressure

7 bar

c) Capacity in HP

To suit requirement

d) Air Flow Rate in CFM

To suit requirement

HYDRAULIC

1. Drum Drive

Hydraulic Motor

2. Drive Requirement (Type)

Hydraulic pressure @ 60 to 100 bars & flow rate @ 10 to 20 Lpm appx

Optional

1. Oil Transfer Pump

a) Type

Oil Transfer Gear Pump

b) Drive

Hydraulic Motor with Hydraulic flow and pressure to suit transfer capacity

c) Oil Transfer Capacity

To suit requirement

d) Hydraulic Oil Flow Capacity

To suit oil transfer capacity

2. Source of Drive

i) Oil Transfer Pump

Hydraulic Power Pack

ii) Drum Drive

Hydraulic Power Pack

a) Type

Hydraulic Power Pack with motor coupled to pumps to suit required flow and pressure for drum drive and oil transfer pump

b) Capacity in HP

To suit requirement

ELECTRICAL

- | | |
|----------------------------|--|
| 1. Drum Drive | Electrical Motor with Gear Box |
| 2. Drive Requirement (Typ) | 1/2 HP or 1 HP Motor with Gear Box, 415 VAC, 50 Hz |

Optional

1. Oil Transfer Pump

- | | |
|--------------------------|--|
| a) Type | Gear Pump |
| b) Drive | Electrical Motor to suit pump flow and |
| c) Oil Transfer Capacity | pressure To suit requirement |
| d) Air/Oil Flow Capacity | 415 VAC, 3 Phase, 50 Hz |

2. Source of Drive

- | | |
|----------------------|------------------------|
| i) Oil Transfer Pump | 415 VAC, 3 Phase, 50Hz |
| ii) Drum Drive | 415 VAC, 3 Phase, 50Hz |

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separators**

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Oil Skimmers**

**Tube
Oil Skimmers**

**Wika
PressureGauge**

**Disk
Oil Skimmers**

**Mini Vacuum
Systems**

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Funnel
Skimmers**

**Oil
Spill Response
Equipment**

**Floating
Drum Skimmers**

**Chain
Oil Skimmers**

**Floating
Drum Skimmers**

**Filter
Elements**

**Slotted Tube
Oil Skimmers**



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Duplex housing filters**

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