



For representation. Actual Product shall vary depending on specification chosen

Floating Disc / 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 discs / 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 150 m³/ hr max of oil.

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

The entire setup is mounted on a float which allows the discs / drum to freely float on liquid surface. This setup allows the skimmer to cover large area such as in large tanks, lakes, oceans etc.,

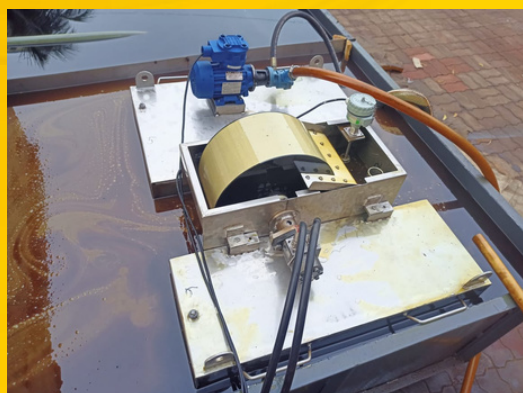
Oleophilic discs / drum are driven either by Electric motor or Hydraulic power pack or Air motor on shore depending on the site conditions and applications.

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.

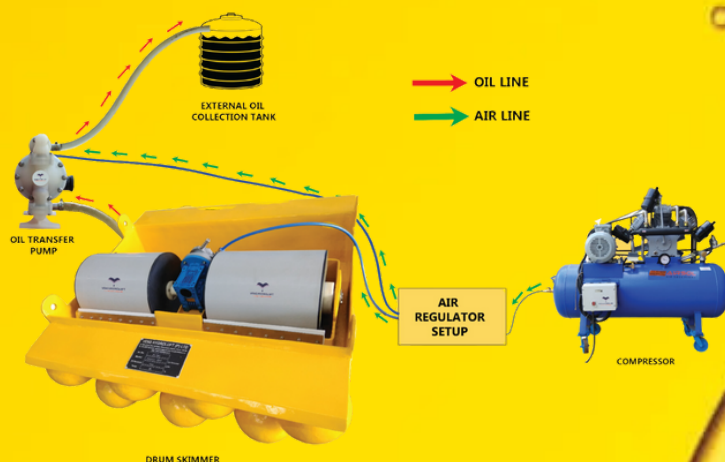
Construction

Size of Disc / Drum	300 mm or 350 mm or 400 mm Dia x 400 mm to 800 mm L (appx) (as per customisation)
No of Discs Bank / Drum	2 to 4 (as per customisation)
Oil Removal Capacity	Upto 150m ³ per hr
Temperature of Operation	Upto 120 °C
MOC of Wiper	Teflon (PTFE)
MOC of Disc / Drum	Oleophylic PVC / SS 304
MOC of Float	Marine Grade Aluminium, Mild Steel Powder Coated/SS 304/SS 316 / SS 316L
MOC of Frame	Marine Grade Aluminium, Mild Steel Powder Coated/SS 304/SS 316 / SS 316L
MOC of Oil collection tray	Marine Grade Aluminium, Mild Steel Powder Coated/SS 304/SS 316 / SS 316L



DISK / DRUM SKIMMER TYPE

For representation. Actual Product shall vary depending on specification chosen



HYDRAULIC

1. Disc / Drum Drive

Hydraulic Motor with Gear Box

2. Drive Requirement (Type)

Hydraulic pressure @ 60 to 100 bars & flow rate @ 10 to 30 Lpm appx

1. Oil Transfer Pump

a) Type

Oil Transfer Impeller Pump

b) Drive

Hydraulic Motor with Hydraulic flow and pressure

c) Oil Transfer Capacity

To suit Requirement

d) Hydraulic Oil Flow Capacity

To suit Requirement

2. Source of Drive

i) Oil Transfer Pump

Hydraulic Power Pack

ii) Disc / 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

2. Source of Power Pack

a) Diesel or Electrical

To suit requirement

b) Capacity in HP

To suit requirement

ELECTRICAL

- | | |
|------------------------------------|--|
| 1. Disc / Drum Drive | Electrical Motor with Gear Box |
| 2. Drive Requirement (Type) | 1/2 HP or 1 HP Motor with Gear Box, 415 VAC, 50 Hz |
|
 | |
| 1. Oil Transfer Pump | |
| a) Type | Gear Pump |
| | Electrical Motor to suit pump flow and pressure |
| b) Drive | Drive Make CGL/KIRLOSKAR/SIEMENS/
REMI/MOTOVARIO/Equivalent |
| c) Oil Transfer Capacity | To suit requirement |
| d) Power Supply | 415 VAC, 3 Phase, 50 Hz |
|
 | |
| 2. Source of Drive | |
| i) Oil Transfer Pump | Electrical (415VAC, 3 Phase, 50Hz) |
| ii) Disc / Drum Drive | Electrical (415 VAC, 3 Phase, 50Hz) |

PNEUMATIC

1. Disc / Drum Drive

Pneumatic Motor with Gear Box

2. Drive Requirement (Type)

Pneumatic Pressure @ 8 bar and Air flow rate @

~20 to ~80 CFM

1. Oil Transfer Pump

a) Type

Air Operated Double Diaphragm

b) Drive

Pneumatic pressure @ 4 to 8 bar and Air flow rate in CFM to suit oil transfer capacity

c) Oil Transfer Capacity

To suit Requirement

d) Air Flow Capacity

To suit Requirement

2. Source of Drive

i) Oil Transfer Pump

Pneumatic Drive

ii) Disc / Drum Drive

Pneumatic Drive

a) Type

Compressor (Optional) Reciprocating, Electrically or Diesel Operated

b) Pressure

To suit requirement

c) Capacity in HP

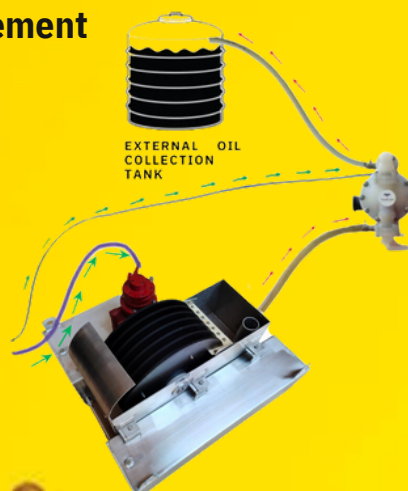
To suit requirement

d) Air Flow Rate in CFM

To suit requirement



For representation. Actual Product shall vary depending on specification chosen



**Magnetic
separators**

**Belt
Oil Skimmers**

**Tube
Oil Skimmers**

**Wika
PressureGauge**

**Disk
Oil Skimmers**

**Mini Vacuum
Systems**

**Floating
Funnel
Skimmers**

**Oil
Spill Response
Equipment**

**Floating
Drum Skimmers**

**Chain
Oil Skimmers**

**Floating
Disc Skimmers**

**Filter
Elements**

**Slotted Tube
Oil Skimmers**

**Simplex &
Duplex housing filters**

**Coalescer
Oil Water Separators**

**Grooved
Disk type Skimmers**

**Truck Mounted
Vacuum Systems**

**Mini
Oil Skimmers**

**Compact
Oil Skimmers**



**Buy
Disc Skimmer Here**