



### COMMON SPECIFICATIONS FOR PNEUMATIC, HYDRAULIC AND ELECTRICAL

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#### DRIVE

1. Drum Size 300 mm dia x 400 mm to 800 mm L (appx)
2. No of Drums 1 or 2
3. Oil Removal Capacity Up to 20,000 lph
4. MOC of Vessel FRP/ SS 304/ SS 316
5. MOC of Roller Oleophilic (Polymer/ SS 304/ SS 316)
6. MOC of Wiper. Teflon (PTFE)
7. MOC of Oil collection tube Flexible PVC braided/ Rubber Hose

### PNEUMATIC

#### 1. Drum Drive

Pneumatic Motor with Gear Box

#### 2. Drive Requirement (Typ)

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

# Floating Drum Skimmer

## VH FDS Datasheet

### HYDRAULIC

1. Drum Drive

Hydraulic Motor with Gear Box

2. Drive Requirement (Typ)

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

### Optional

1. Oil Transfer Pump

a) Type

Oil Transfer Impeller Pump

b) Drive

Hydraulic Motor with Hydraulic ow and pressure to suit 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

Hydraulic Power Pack (Optional)

ii) Drum Drive

Hydraulic Power Pack (Optional)

a) Type

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

b) Pressure

7 bar

c) Capacity in HP

To suit requirement

d) Air Flow Rate in CFM

To suit requirement

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### ELECTRICAL

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|----------------------------|--|
| 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

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|--------------------------|---|
| 1. Oil Transfer Pump     |   |
| a) Type                  | Gear Pump                                       |
| b) Drive                 | Electrical Motor to suit pump flow and pressure |
| c) Oil Transfer Capacity | 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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