



COMMON SPECIFICATIONS FOR PNEUMATIC, HYDRAULIC AND ELECTRICAL 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	Upto 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

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| 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

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| 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

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| 1. Drum Drive | Hydraulic Motor with Gear Box |
| 2. Drive Requirement (Typ) | Hydraulic pressure @ 60 to 100 bars & flow rate @ 10 to 20 Lpm appx |

Optional

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| 1. Oil Transfer Pump | |
| a) Type | Oil Transfer Impeller Pump |
| b) Drive | Hydraulic Motor with Hydraulic flow 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 flow 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 |

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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