

DFC-3000

OIL DRUM FILTER TROLLEY



Removes Dirt & Water



BEFORE & AFTER

Extensively specified into:

- Manufacturing
- Steel Production
- Hydraulic Servicing
- Oil Distribution
- Automotive Industry
- Oil Reclamation

The DFC-3000 is a mobile Oil Drum Filtration trolley conveniently designed for effective and mobile filtration between multiple sites. The trolley can carry and clean 208 litres of oil and ensures it is clean, dry and ready for use at all times.

Introduction

The DFC 3000 is designed to carry and clean 208 litre drums of oil and is fitted with two standpipes and hoses for efficient fluid transfer. With a flow rate of 45 L/Min, large volumes of oil can be cleaned and water removed quickly and efficiently.

Typical Applications

- Filtering the fluid in a hydraulic reservoir periodically as a supplement to continuous filtration by system filters
- Cleaning up your hydraulic system before restarting the system following component failure
- Providing clean fluid when re-filling and adding fluid to the system reservoir
- Reclaiming contaminated fluid
- Pre-filling and cleaning up hydraulic systems on new or re-built machinery and equipment.
- Off line contamination of hydraulic systems
- Emptying waste fluid quickly

Features & Benefits

- Portable and easy to transport - perfect for mobile use
- Powerful 45 L/min flow rate
- Low cost consumables in a range of micron ratings
- Water removal option available
- Rapid complete barrel transfer
- High dirt holding capacity
- Staged filtration to reduce element change over



DFC-3000 TECHNICAL SPECIFICATION

Model	DFC-3000
Dimensions	845 mm (W) 1020 (D) 1125 (H)
Weight (dry)	86 Kg
Weight (with full barrel)	260 Kg
Frame	Mild Steel
Finish	Powder coated RAL5004 (black blue) satin
Voltage	230 VAC (+10% to -6%) 110 v
Frequency	50 Hz
Current	3 Amps 6.5
Power	0.55 kW
Pump type	Positive displacement gear pump
Flow rate	45 L/Min
Duty Cycle	Continuous
Filtration	14" housings - 5 μ m primary / 3 μ m secondary other options available
Filter Bypass	2.8 bar
Connections	3/4" BSP male hydraulic
Suction hose	3m long x 3/4" BSP female swivel hydraulic (with strainer)
Discharge hose	3m long x 3/4" BSP female swivel hydraulic
Pressure	5 bar
Temperature	-10°C to +60°C
Environment	IP54

FILTER ELEMENTS

Part number	Description
14VZ1	14" 1 μ m Absolute Filter Element
14VZ3	14" 3 μ m Absolute Filter Element
14VZ5	14" 5 μ m Absolute Filter Element
14VZ10	14" 10 μ m Absolute Filter Element
14VZ25	14" 25 μ m Absolute Filter Element
14VM60	14" 60 μ m Washable Metal Element
14VM150	14" 150 μ m Washable Metal Element
14VW	14" Water Removal Element