DIRECT MINING & INDUSTRIAL





# **200 Series**

**Cart Filtration Unit** 

- Reduces oil usage by up to 50%
- Cuts Maintenance Costs by 25%
- Safe Guards Equipment Warranty's
- Removes contamination and water in Hydraulic, Fuel & Lubrication Systems to ISO cleanliness standards
  - Incorporates 3 Micron Absolute Media and 10 Micron Water Removal.
  - Filter "Element Change" Indicators Inbuilt on Filter Housings.
  - Inbuilt Heaters for Maintaining Oil Viscosity for Faster more Efficient Filtration.
  - 28 I/min. Pressure Balanced Pump.
  - 0.55kw Capacitor Start Electric Motor.
  - Robust Heavy Duty Steel Cart.

## **Testimonial**

**PT Freeport Mine, Indonesia** (Largest Gold mine in the world and third largest copper mine)

## "By using the filtration units we proved we could save 150,000 litres of oil per year"

Mr Alan Walpole Haul Truck Maintenance Superintendent

"<u>Premier</u> products & services for Mobile Equipment..."

DIRECT MINING & INDUSTRIAL

# The Portable Filtration Unit

### Ideal for

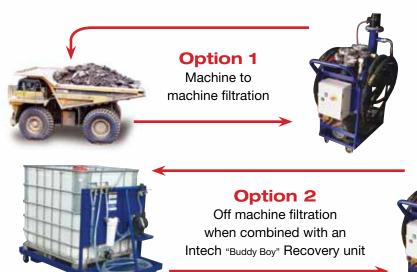
- Off-line contamination control of fluid systems.
- Replenishing installations with filtered fluid
- Emptying waste fluid quickly

The Intech Portable Filter System is designed for on-site preventive maintenance of fluid systems. two high capacity filters are used, with fluid passing through a primary clean-up filter (RF2-1) and then through the final filter (CF2-1) giving effective contamination removal.

## **Filtering Performance**

Based on the following conditions:

- a) Initial contamination: 500,000 Particles/100 ML, 10 Micron or greater.
- b) 40W inlet and 10C outlet filters. (Beta ratio-8/10 equal to 2).
- c) Ingression rate equal to 100,000 Particles/min, 10 Micron or greater.



Reservoir Capacity (litres)	Approximate Clean- Up Time (Hours)			Desired Cleanliness Class. (I.S.O. 4406)				
	hrs	class	hrs	class	hrs	class	hrs	class
200	1/2	18/15	1	15/12	2 1/2	14/11	-	-
375	1 1/2	16/13	2 1/2	15/12	4	14/11	-	-
750	2 1/2	17/14	3 1/2	16/13	5	15/12	6 1/2	14/11
1150	3 1/2	17/14	5	16/13	6	15/12	9	14/11

## **Ordering Information**

Part No. Description

1000327 Filtration System 200 Semes with heaters Hydraulic

## www.direct-mining.com

## **Specifications**

#### Pump Drive Options:

0.55 kW Electric Motor 240V

A.C. single phase 50HZ.

0.55 kW Electric Motor 110V A.C. single phase 50HZ.

A.C. single phase 50

#### Pump:

28 i/min pressure balanced gear pump.

#### Filters:

Moduflow CF2.1 & RF2.1 filters. Heaters 240 / 415V, 6kW

#### Electric Details:

On-off switch to IP65.

2 metre cable.

#### Weight:

56 kg (Dry).

#### Fluids:

Compatible with hydraulic oils, coolant fluids and petroleumbased fluids to 108 cSt max. with 0.85 S.G. Water glycol and phosphate ester options available.

## **Contact us**

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"Premier products & services for Mobile Equipment..."