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

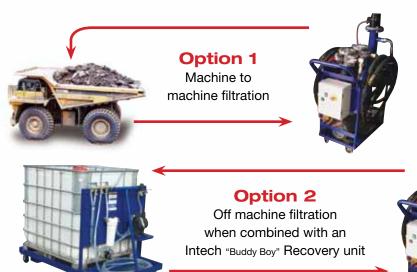
- Off-line contamination control of fluid systems.
- Replenishing installations with filtered fluid
- Emptying waste fluid quickly

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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