



FilClean™ MS2 (Mudsucker)

High Solids Loading Portable
Fluid Filtering and Transfer Skid

PORTABLE HIGH SOLIDS CONTENT FILTERING AND FLUID TRANSFER CART.

The FilClean MS (Mudsucker) filter cart is designed to perform exactly as the name entails. It is used to suck out settled contaminant and sludge from the bottom of dirty fluid sumps or spill containment berms. For further flexibility it can also be used as a portable kidney loop filtration system.

- * Machine Tool Coolant Sumps.
- * Aqueous Based Wash Solution Sumps
- * Straight Cutting Oil Sumps
- * Hydraulic and Lube Oil Containment Spill Berms

SIMPLICITY, RELIABILITY AND FLEXIBILITY

The FilClean MS is simple, durable and designed to filter high solids content fluids such as machine tool coolants and cutting oils. The FilClean MS will vacuum dirty fluids and contaminants directly from the bottoms of fluid sumps and return them cleaned back to the machine or a waiting transfer tote or drum for use somewhere else.

The high quality air diaphragm pump is protected by the large filter housing which can be supplied with a variety of bag filter choices or even a magnet filter for prefiltration. The air diaphragm pump is not damaged if it is run fully dry which makes it an ideal choice for fluid sump cleanings.

The FilClean MS reduces the requirement for machine tool operators and maintenance personnel to rake or shovel chips or sludge from machine tool coolant and other fluid sumps!



Model FC-MS2-ND-25



Model FC-MS2-ND-25-M1.511
(With Inline cleanable Magnet Prefilter)

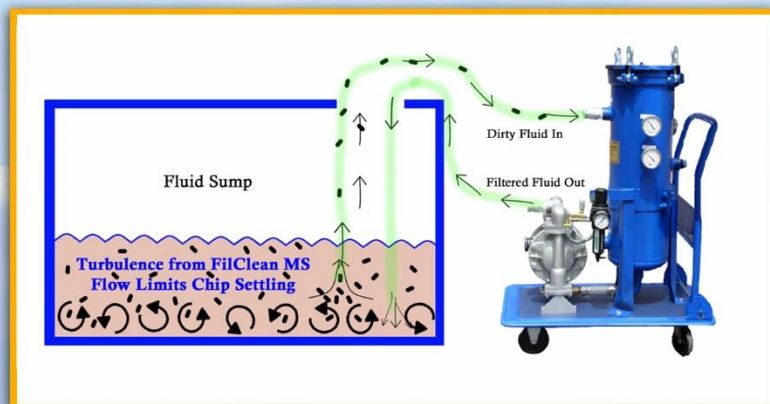


Figure 1: FilClean MS Typical Operation and Use

POTENTIAL APPLICATIONS:

- Machine Tool Coolant and Cutting Oil Recycle and Reclaim.
- Injection Molding Hydraulic Oil Reclaim
- Lube and Hydraulic Oil Spillage Prefiltration Reclaim and Recycle.
- Quench Water Filtration.
- Metal Working Aqueous Based Rinse Water.

Note: Figure 1 is descriptive only - FilClean MS shown is different than current available models. See back of data sheet for photos!

FilClean™ MS2 (Mudsucker) ORDERING INFORMATION



Table 4: MAG Adder Drop In Cleanable Magnetic Prefilter Adder
C - Ceramic Strong A - Alinco - Stronger N - Neodymium - Strongest



Table 4: Inline Magnet Adder

FCMS2 - **TABLE 1** - **TABLE 2** - **TABLE 3** - **TABLE 4**
DUTY FLOW FILTER ADDER

Table 1: Filter Housing

ND	Normal Duty
AS	Aggressive Service

ND - Normal Duty used for most applications non aggressive/non corrosive liquids. System includes Aluminum Filter Housing, Painted Carbon Steel Cart, Aluminum Air Diaphragm Pump.

AS - Aggressive Service for aggressive corrosive environments and liquids. System includes Stainless Bag Filter Housing, Powder Coated Cart, Stainless Steel Air Diaphragm Pump.

Contact MSC for help specifying Duty.

Table 2: Flow

25	0-25 GPM Variable Flow
SF	SPECIAL FLOW (Consult with MSC)

Table 3: Filter Size 2

PE	Polyester Felt (25Micron Standard)
PP	Polypropylene Felt (specify micron)
SF	Special Filter (Contact MSC)

Specify filter material either PE or PF then add micron rating 1, 5, 10, 20, 50, 75, 100. See part number example for further information.

SF : Designates Special Filter - options available are but not limited to pleated bag filters for higher solids loading, oil absorbent filters or metal mesh strainers. Contact MSC for further information and pricing.

Table 4: Optional Adders

BLANK	No Adders
M1.54	6.6 LB Inline Magnet 4K Gauss
M1.511	6.6 LB Inline Magnet 11K Gauss
M24	13.2 LB Inline Magnet 4K Gauss
M211	13.2 LB Inline Magnet 11K Gauss
MAGC	Drop In Magnetic Prefilter Ceramic
MAGA	Drop In Magnetic Prefilter Alinco
MAGN	Drop In Magnetic Prefilter Neodymium
SA	Special Adder (Consult with MSC)

SPECIFICATIONS:

Dimensions : 25 GPM - 19"W X 29"L X 54"H

Air Requirements: 50-100 psig @ 3 CFM

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