



# MTC HC-50

High Capacity Mobile Fuel Polishing System

AXI International's MTC HC-50 is a air powered high capacity mobile fuel polishing skid designed to efficiently clean and restore diesel and bio-fuels to pristine condition. The MTC HC-50 features a multi-stage filtration process that includes a primary filter for the removal of bulk particulate and sludge, water separator for the separation and removal of water, and a secondary fine filter for the filtration of small particulates and other diesel fuel contaminants. The fuel polishing system's skid-based design allows for maximum portability and ease of transportation from tank to tank.



## MTC HC-50 SPECIFICATIONS

Flow Rate	25 - 75 GPM/4,500 GPH (284 LPM/ 17,034 LPH)
Primary Filter	Bag Filter Vessel, Liner Basket for use with 1-800µ Filter Bags
Water Separator	FP-90 Mechanical Water Separator
Secondary Filter	Carbon Steel Filter Housing, 2-30µ Particulate, 5, 10, 15µ Water Block Filters 5, or 10, 30µ Microglass Filters
Fuel Conditioner	LG-X 4000 Inline Magnetic Conditioner
System Controller (Optional)	SFC-50 Smart Filtration Controller with Safety and Alarm Features
Pump	Air-Drive Double Diaphragm Pump
Power	Air Powered (25-50 SCFM @ 90psi)
Ports	2" Cam & Groove In, 2" Cam & Groove Out
Clear Suction Hose	2" - 25 ft (7.6 m)
Discharge Hose	2" - 25 ft (7.6 m)
Dimensions	59" x 36" x 45" (H x W x D) (150 x 91 x 114 cm)
Weight	≈ 630 lbs (286 kg)
<b>Not for use with fluids that have a flash point below 100°F (37.8°C).</b>	

Over time, stored fuel can begin to degrade and even harbor contaminants such as water, sediment, and microbes upon delivery. On-board fuel filters should last thousands of hours. However, frequent filter changes and fuel replacement have become common maintenance practices that only address the symptoms of poor fuel quality.

AXI International's High Capacity MTC Systems serve to remove contaminants and restore fuel quality to ensure reliable and uninterrupted engine performance.

## MTC HC-50 SYSTEM FEATURES:

- Multi-Stage Fuel Filtration
- Portable System Design
- Locking Cam and Groove Connections
- Fine Filter Bypass Capability
- Smart Filtration Controller (Optional)
- Unique Safety & Alarm Features (Optional)
- Remote Pendant Operation (Optional)



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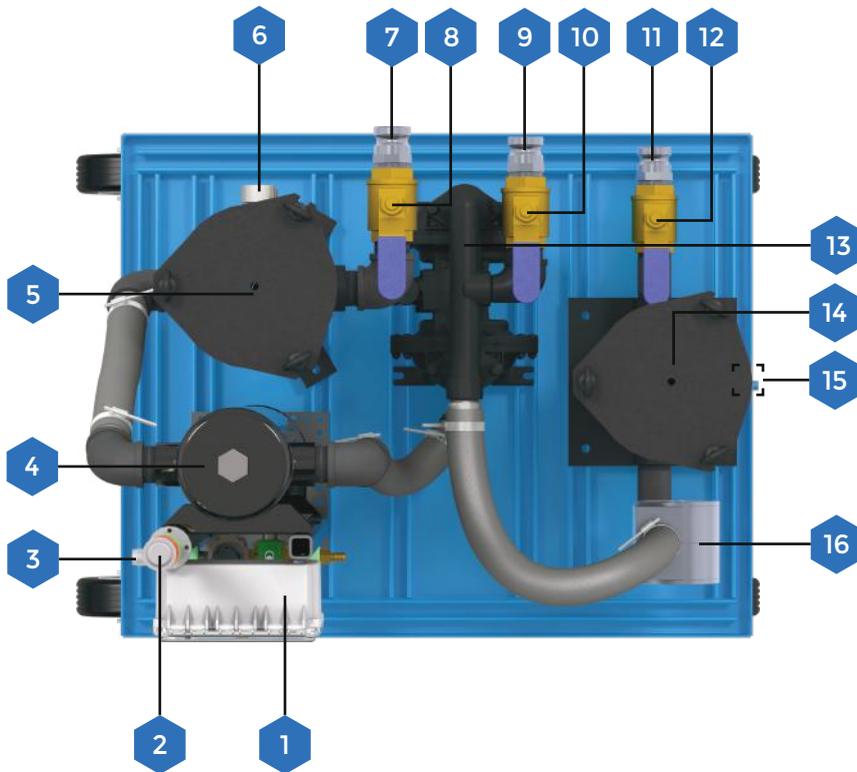
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# AXI MTC HC-50

INTERNATIONAL High Capacity Mobile Fuel Polishing System



1. Smart Filtration Controller (Optional)
2. Alarm Indication Stack Light (Optional)
3. Air Hose Connection
4. Mechanical Water Separator
5. Primary Filter Vessel
6. Vacuum Gauges
7. Fuel Inlet (From Tank)
8. Inlet Ball Valve
9. Fuel Discharge Port 1
10. Outlet Ball Valve (Discharge Port 1)
11. Fuel Discharge Port 2
12. Outlet Ball Valve (Discharge Port 2)
13. Air-Driven Pump
14. Secondary Fine Filter Vessel
15. Pressure Gauges
16. Fuel Conditioner

## REPLACEMENT FILTER OPTIONS:

Bag Filter	Part No.	Cartridge Filters	Part No.
1μ Particulate	PFB-30-1	2μ Particulate	618-2-W
5μ Particulate	PFB-30-5	10μ Particulate	618-10-W
10μ Particulate	PFB-30-10	10μ Water Block	WA618-10-W
25μ Particulate	PFB-30-25	30μ Particulate	618-30-W
75μ Particulate	PFB-30-75	30μ Water Block	WA618-30-W
250μ Particulate	PFB-30-250	3μ Micro Glass	G618-3-SR
800μ Particulate	PFB-30-800	7μ Micro Glass	G618-7-SR
		10μ Micro Glass	G618-10-SR

## MTC HC SYSTEM INTEGRATION

