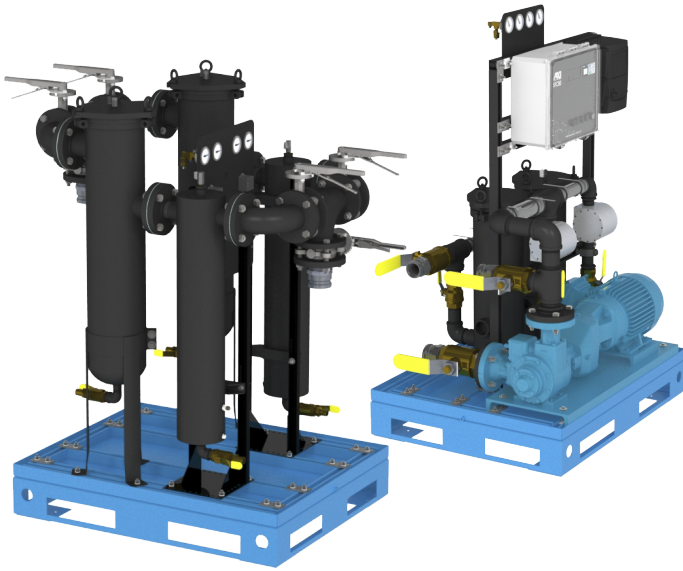




MTC HC-150

High Capacity Mobile Fuel Polishing System

The MTC HC-150 is a high capacity mobile fuel polishing system designed to efficiently remove water, sludge, and other contaminants from fuel storage tanks. Once on site, the MTC HC-150 can be operated to ensure fuel reliability through routine servicing of the fuel tank(s). The system's fuel polishing process stabilizes diesel and bio-fuels by eliminating various contaminants, ensuring the fuel remains clean. These mobile systems feature a skid-based design that allows for maximum portability and ease of transportation between the various fuel tanks that require routine servicing.



◆ MTC HC-150 SYSTEM FEATURES:

- Multi-Stage Fuel Filtration
- Adjustable Flow Rate (VFD Controller)
- Dual-Skid Portable System Design
- Filter Isolation Capability for Uninterrupted Servicing
- Locking Cam and Groove Connections
- Fine Filter Bypass Capability
- Smart Filtration Controller
- Unique Safety & Alarm Features
- Remote Pendant Operation

◆ PRE-FILTER SKID SPECIFICATIONS:

Nominal Flow Rate	10 - 150 GPM (37.9 - 567.8 LPM)
Primary Filters	Bag Filter Vessel, Liner Basket for use with 1-800µ Filter Bags
Water Separators	FP-90 Mechanical Water Separator
Plumbing	Black Iron
Ports	3" Cam & Groove In 2.5" Cam & Groove Out
Suction Hose	Clear, 25ft (7.6 m), 3" Diameter
Dimensions	≈ 59" x 36" x 45" (H x W x D) (150 x 91 x 114 cm)
Weight	≈ 850 lbs (385.5 kg)

◆ PUMP SKID SPECIFICATIONS:

Nominal Flow Rate	10 - 150 GPM (37.9 - 567.8 LPM)
Secondary Filters	Cartridge Filter Vessel, 2-30µ Particulate, 10-30µ, Water Block Filters, 3-10µ Microglass Filters
Fuel Conditioner	LG-X 4000 Inline Magnetic Conditioner
System Controller	SFC80 Smart Filtration Controller with Safety and Alarm Features
Pump	10 HP Sliding Vane Pump
Power	480V/60Hz/3Ph
Plumbing	Black Iron
Ports	3" Cam & Groove In 2.5" Cam & Groove Out
Discharge Hose	25ft (7.6 m), 2.5" Diameter
Dimensions	≈ 59" x 36" x 45" (H x W x D) (150 x 91 x 114 cm)
Weight	≈ 710 lbs (286 kg)
Not for use with fluids that have a flash point below 100°F (37.8°C).	



1.239.690.9589
1.877.425.4239 Toll Free
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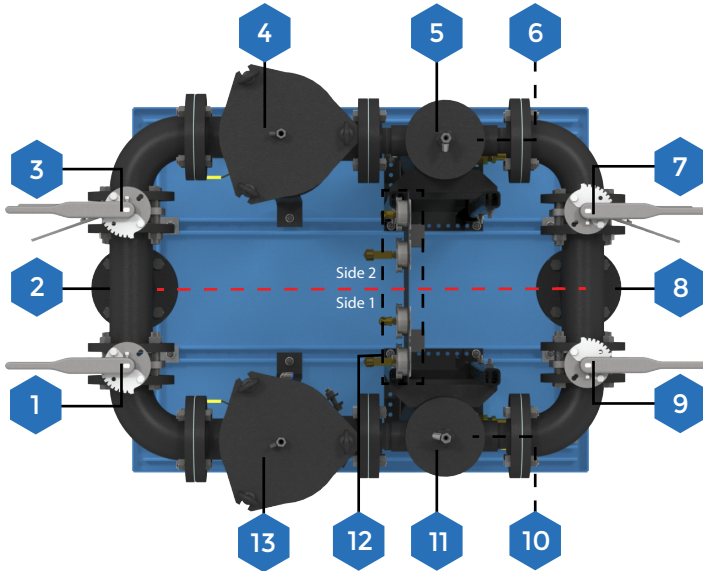
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AXI MTC HC-150

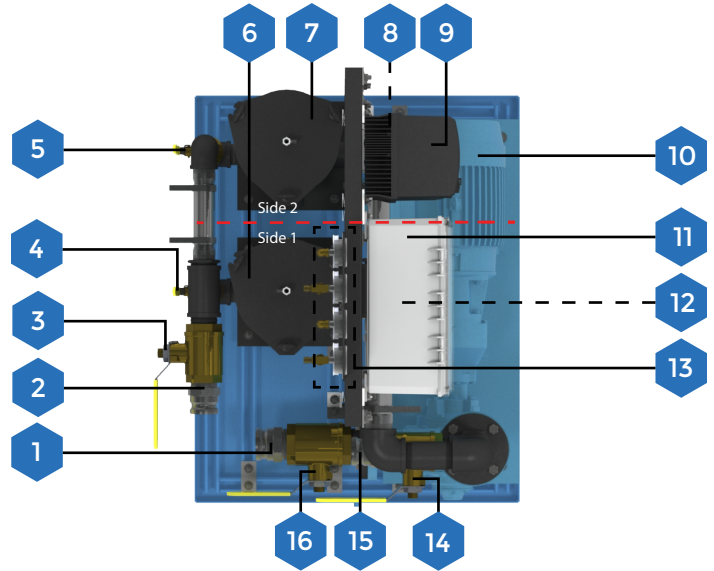
High Capacity Mobile Fuel Polishing System

PRE-FILTER SKID



- | | |
|---|--|
| 1. Butterfly Isolation Valve (Side 1) | 8. Fuel Outlet (To Pump Skid) |
| 2. Fuel Inlet (From Tank) | 9. Butterfly Isolation Valve (Side 1) |
| 3. Butterfly Isolation Valve (Side 2) | 10. Water Separator Drain Valve (Side 1) |
| 4. Primary Filter (Side 2) | 11. Mechanical Water Separator (Side 1) |
| 5. Mechanical Water Separator (Side 2) | 12. Vacuum Gauge Plate |
| 6. Water Separator Drain Valve (Side 2) | 13. Primary Filter (Side 2) |
| 7. Butterfly Isolation Valve (Side 2) | |

PUMP SKID

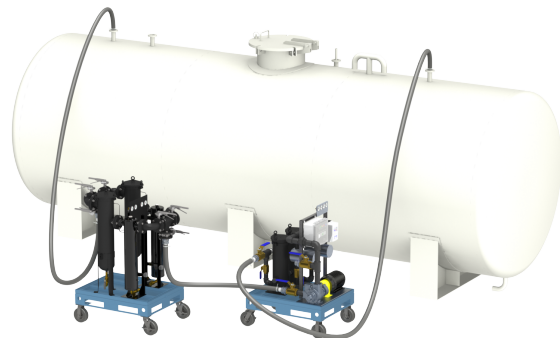


- | | |
|---|--|
| 1. Fuel Inlet (from Pre-Filter Skid) | 9. Variable Frequency Drive (VFD) |
| 2. Fuel Discharge Port 2 | 10. Motor with Coupled Vane Pump |
| 3. Outlet Ball Valve (Discharge Port 2) | 11. Smart Filtration Controller |
| 4. Isolation Ball Valve (Side 1) | 12. Fuel Conditioner (Side 2) |
| 5. Secondary Filter (Side 1) | 13. Pressure Gauge Plate |
| 6. Isolation Ball Valve (Side 2) | 14. Outlet Ball Valve (Discharge Port 1) |
| 7. Secondary Filter (Side 2) | 15. Fuel Discharge Port 1 |
| 8. Fuel Conditioner (Side 2) | 16. Inlet Ball Valve |

REPLACEMENT FILTER OPTIONS:

Primary Filters	Part No.	Secondary Filters	Part No.
1 μ Filter Bag	PFB-150-1	2 μ Particulate	618-2-W
5 μ Filter Bag	PFB-150-5	10 μ Particulate	618-10-W
10 μ Filter Bag	PFB-150-10	10 μ Water Block	WA618-10-W
25 μ Filter Bag	PFB-150-25	30 μ Particulate	618-30-W
75 μ Filter Bag	PFB-150-75	30 μ Water Block	WA618-30-W
250 μ Filter Bag	PFB-150-250	3 μ Micro Glass	G618-3-SR
800 μ Filter Bag	PFB-150-800	7 μ Micro Glass	G618-7-SR
		10 μ Micro Glass	G618-10-SR

MTC HC-150 SYSTEM INTEGRATION



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