



# MTC-1000

Mobile Fuel Polishing System

The MTC-1000 is a mobile fuel polishing system designed to efficiently remove water, sludge, and other contaminants from fuel storage tanks. Once on site, the MTC-1000 can be operated to ensure fuel reliability through routine servicing. The system's fuel polishing process stabilizes diesel and bio-fuels, eliminating microbial contamination and ensuring the fuel remains clean. These mobile systems feature a cart-based design that allows for maximum portability and ease of transportation between the various fuel tanks that require routine servicing.



## MTC-1000 SYSTEM FEATURES:

- Multi-Stage Fuel Filtration
- Portable System Design
- Locking Cam and Groove Connections
- Spill Containment Tray
- Fine Filter Bypass Capability

## MTC-1000 SPECIFICATIONS:

Nominal Flow Rate	15 GPM/900 GPH (56.8 LPM/3,407 LPH)
Primary Filter	Mechanical Water Separator
Secondary Filter	3, 10 or 25 $\mu$ Fine Filter or 3, 10 $\mu$ Water Block
Fuel Conditioner	LG-X 3000 Inline Magnetic Conditioner
Pump	1/2 HP Rotary Vane Pump
Power	120V/60Hz/15A or 230V/50Hz/15A
Plumbing	Black Iron
Ports	1" Cam & Groove In 1" Cam & Groove Out
Suction Hose	Clear, 25ft (7.6 m), 1" Diameter
Discharge Hose	25ft (7.6 m), 1" Diameter
Dimensions	$\approx$ 48" x 22.5" x 25" (H x W x D) (122 x 57 x 63 cm)
Weight	$\approx$ 160 lbs (72.6 kg)
<b>Not for use with fluids that have a flash point below 100°F (37.8°C).</b>	

## REPLACEMENT FILTER OPTIONS:

Secondary Filter	Part No.
3 $\mu$ Water Block Filter	WB-3
10 $\mu$ Water Block Filter	WB-10
3 $\mu$ Fine Filter*	FF-3
10 $\mu$ Fine Filter	FF-10
25 $\mu$ Fine Filter	FF-25
3 $\mu$ X-Glass Media Fine Filter	FFZ-3

\*Standard-issue filter element unless requested otherwise



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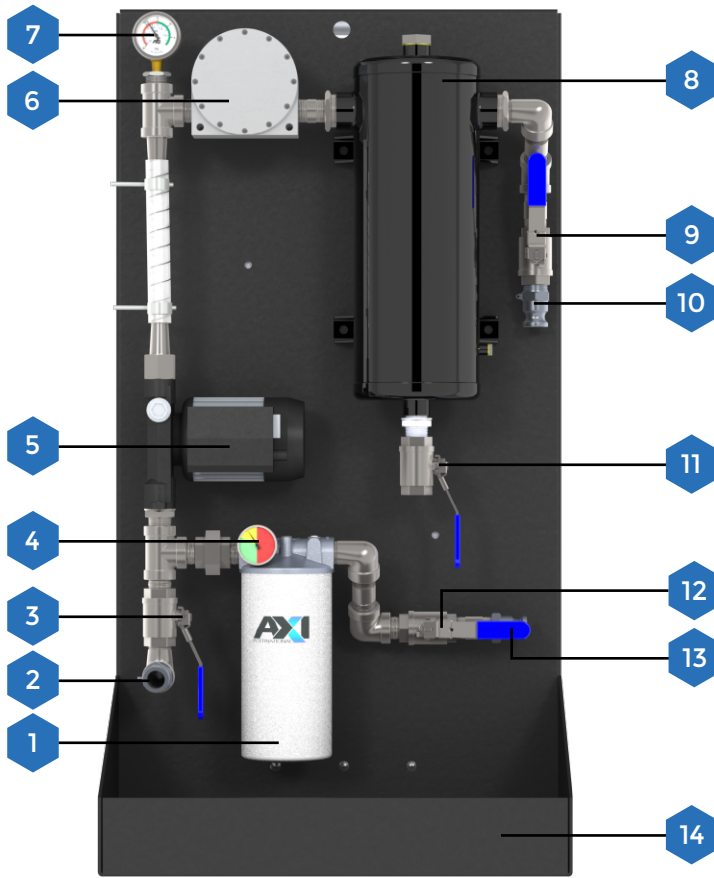
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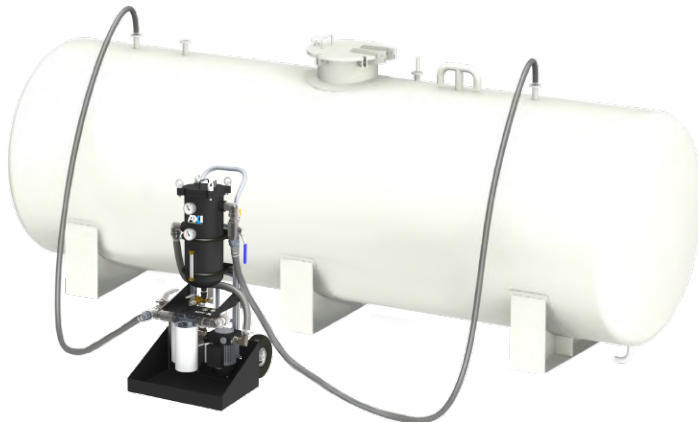
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1. Fine Filter
2. Fuel Discharge Port 1
3. Outlet Ball Valve (Discharge Port 1)
4. Pressure Gauge
5. Motor with Coupled Vane Pump
6. Fuel Conditioner
7. Vacuum Gauge
8. Mechanical Water Separator
9. Inlet Ball Valve
10. Fuel Inlet (From Tank)
11. Water Separator Drain Valve
12. Outlet Ball Valve (Discharge Port 2)
13. Fuel Discharge Port 2
14. Spill Containment Tray

## ◆ MTC SYSTEM INTEGRATION:



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