



# MTC-1000

Mobile Fuel Polishing System

The MTC-1000 Mobile Fuel Polishing System is designed to efficiently and safely clean and restore fuel to pristine condition. The MTC-1000 incorporates a multi-stage filtration process that reconditions, stabilizes, and decontaminates diesel, biofuels. All MTC systems are specifically designed for tanks with contaminated fuel that require the removal of water, sediment, and sludge accumulation.



## MTC-1000 SPECIFICATIONS

Flow Rate (@ 60Hz)	15 GPM/900 GPH (56.8 LPM/3407 LPH)
Mechanical Water Separator	Specific Gravity Separation and Particulate Removal
Final Filter	1, 3, 10 or 25 $\mu$ Particulate or 3, 10 $\mu$ Water Block
Fuel Conditioner	LG-X 3000 Inline Conditioner
Pump	1/2 HP, Self-priming Rotary Vane Pump with Integrated Bypass Valve
Power	115V/60Hz/15A or 230V/50Hz/15A
Ports	1" Cam & Groove In 1" Cam & Groove Out (Before Fine Filter) 1" Cam & Groove Out (After Fine Filter)
Clear Suction Hose	1", 25 ft (7.6 m)
Discharge Hose	1", 25 ft (7.6 m)
Dimensions	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>	

## MTC SERIES FEATURE:

- Multi-stage Water Removal, Particulate Filtration, and Fuel Conditioning
- Compact Industrial Design
- Locking Cam and Groove Connections
- Built In Spill Containment Tray
- Pre-filter By-pass Loop Capability

MTC Systems are built with industrial quality components mounted on a heavy-duty aluminum cart. A clear suction hose shows fuel flow and clarity. The large drip tray is designed to prevent spillage. By using the pre-filter bypass loop (discharge Port 1), the system can efficiently and safely remove free water without the use of consumables.



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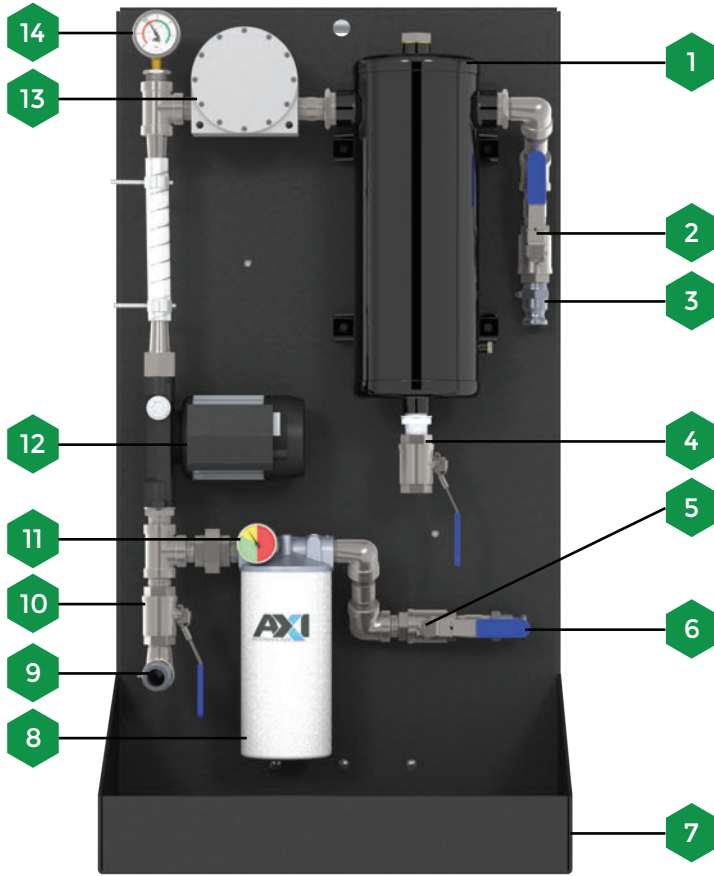
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# MTC-1000

Mobile Fuel Polishing System



1. Mechanical Water Separator
2. Ball Valve
3. Cam & Groove Inlet
4. Ball Valve Drain
5. Ball Valve
6. Discharge Port 2
7. Spill Tray
8. Fine Filter
9. Discharge Port 1
10. Ball Valve
11. Pressure Gauge
12. Pump
13. AXI Inline LG-X 3000 Conditioner
14. Vacuum Gauge

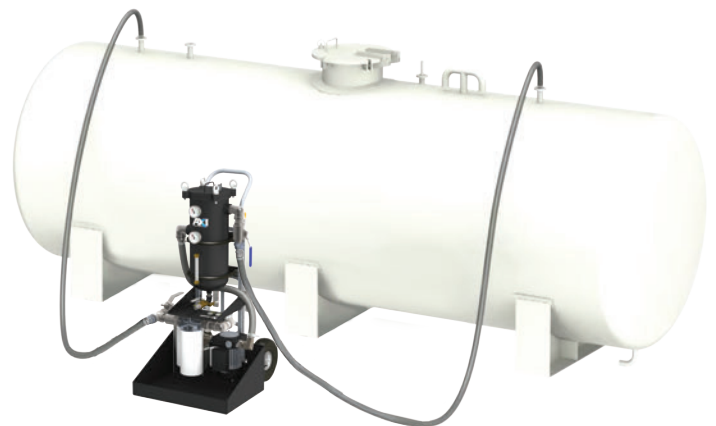
### MTC-1000 OPTIONS:

- Pre-Filter Vessel with Bag Filter
- Spill Containment Berm
- AFC 705/710 Fuel Catalyst
- Digital Flow Meter

### REPLACEMENT FILTER OPTIONS:

Fine Filter	Part No.	Fine Filter	Part No.
1 $\mu$ Fine Filter	FF-1	3 $\mu$ Water Block Filter	WB-3
3 $\mu$ Fine Filter	FFZ-3	10 $\mu$ Water Block Filter	WB-10
10 $\mu$ Fine Filter	FF-10		
25 $\mu$ Fine Filter	FF-25		

### MTC SYSTEM INTEGRATION:



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