

# AXI MTC-500

INTERNATIONAL Mobile Fuel Polishing System

The MTC-500 Mobile Fuel Polishing System is designed to efficiently and safely clean and restore fuel to pristine condition. The MTC-500 incorporates a multi-stage filtration process that reconditions, stabilizes and decontaminates diesel, biofuels, light oils and hydraulic fluids. All MTC systems are specifically designed for tanks with contaminated fuel that require the removal of water, sediment, and sludge accumulation.



## ◆ MTC-500 SPECIFICATIONS

Flow Rate (@ 60Hz)	8 GPM/480 GPH (30.3 LPM/1814 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 1500 Inline Conditioner
Pump	1 HP, Self-priming Rotary Vane Pump with Integrated Adjustable Bypass Valve
Power	115V 60Hz 15A or 230V 50Hz 15A
Ports	1" Cam & Groove In 3/4" Cam & Groove Out (Before Fine Filter) 3/4" Cam & Groove Out (After Fine Filter)
Clear Suction Hose	1", 25 ft (7.6 m)
Discharge Hose	3/4", 25 ft (7.6 m)
Dimensions	48" x 22.5" x 25" (H x W x D) (122 x 57 x 63 cm)
Weight	$\approx$ 140 lbs (63.5 kg)
<b>Not for use with fluids that have a flash point below 100°F (37.8°C).</b>	

## ◆ MTC SERIES FEATURE:

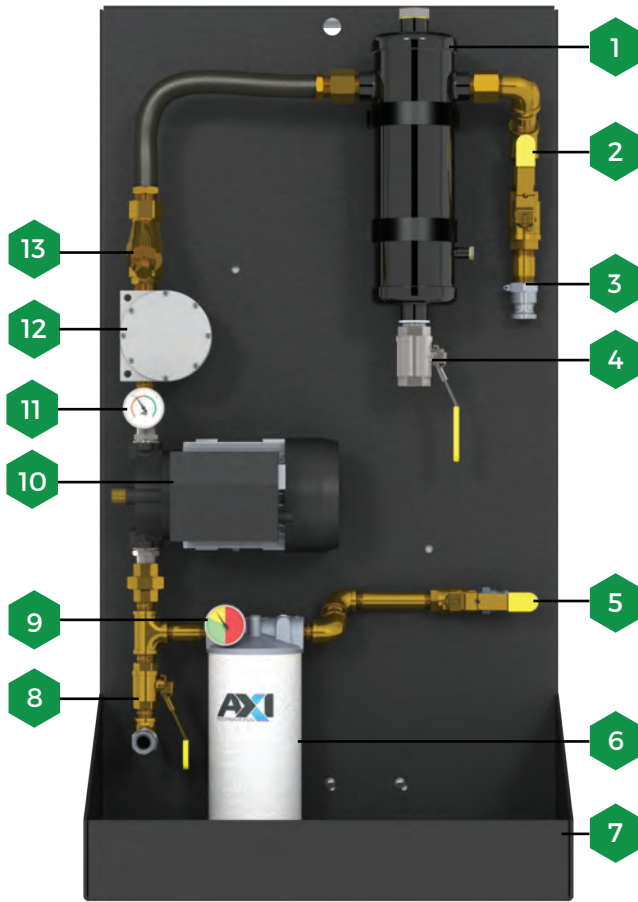
- Multi-stage Water Removal, Particulate Filtration, and Fuel Conditioning
- Compact Industrial Design
- Locking Cam and Groove Connections
- Built In Spill Containment Tray
- Pre-filter By-pass Loop Capability

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.



# MTC-500

Mobile Fuel Polishing System



1. Mechanical Water Separator
2. Ball Valve
3. Quick Connect/Disconnect Inlet
4. Ball Valve Drain
5. Discharge Port 2 (Ball Valve)
6. Fine Filter
7. Spill Tray
8. Discharge Port 1 (Ball Valve)
9. Pressure Gauge
10. Pump
11. Vacuum Gauge
12. AXI Inline LG-X 1500 Conditioner
13. Y-Strainer

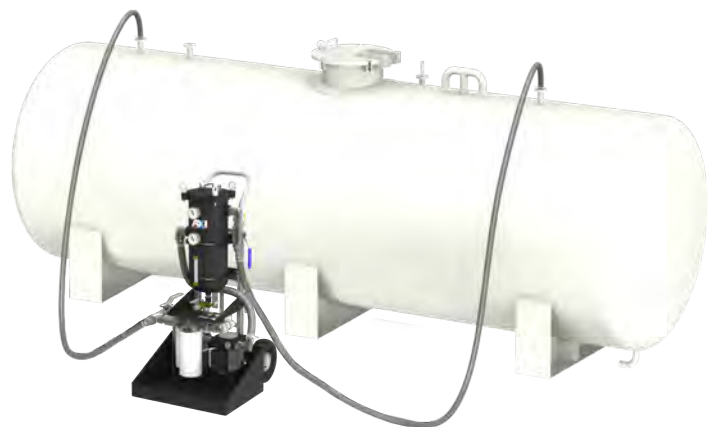
## MTC-500 OPTIONS

- 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		

## MTC SYSTEM INTEGRATION



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