

AXI MTC-X

INTERNATIONAL Mobile Fuel Polishing System

AXI International's MTC-X system is a mobile fuel polishing cart designed to efficiently clean and restore diesel and bio-fuels to pristine condition. The MTC-X system features a multi-stage filtration process that includes a primary filter for the removal of bulk water and sludge and dual fine filters for the filtration of small particulates and other diesel fuel contaminants. The fuel polishing system's cart-based design allows for maximum portability and ease of transportation from tank to tank.



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 MTC Systems serve to remove contaminants and restore fuel quality to ensure reliable and uninterrupted engine performance.

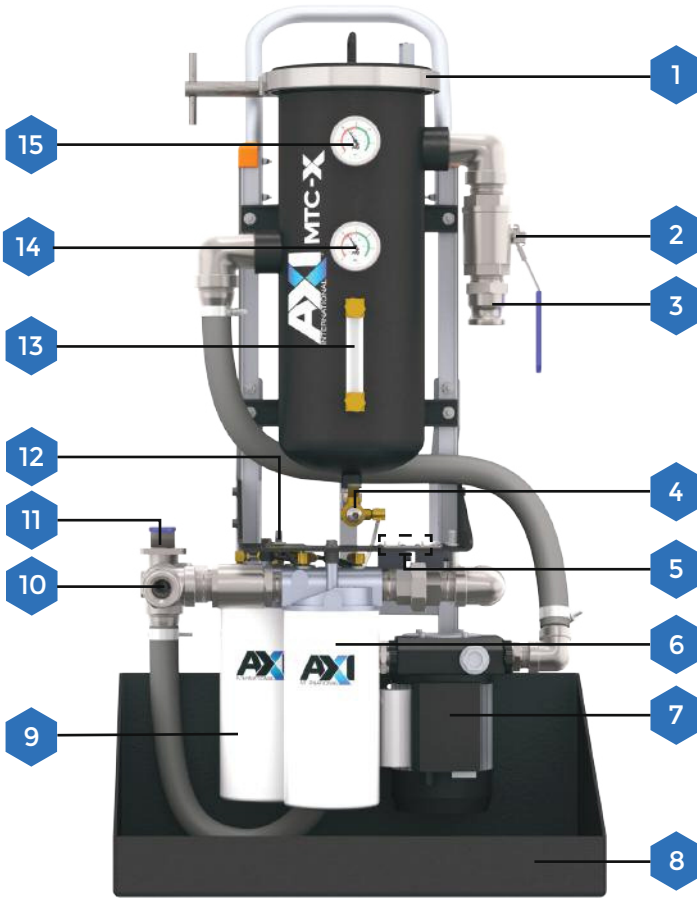
◆ MTC-X SPECIFICATIONS

Nominal Flow Rate	26 GPM/1,560 GPH (98.4 LPM/5,905 LPH)
Primary Filter	Bag Filter Vessel, Liner Basket for use with 1-800 μ Filter Bags
Secondary Filters	1, 3, 10, 25 μ Particulate or 3, 10 μ Water Block
Pump	3/4 HP Rotary Vane Pump
Power	120V/60Hz/15A or 230V/50Hz/15A*
Plumbing	Black Iron
Ports	1.5" Cam & Groove In, 1.25" Out
Clear Suction Hose	1.5", 25 ft (7.6 m)
Discharge Hose	1.25", 25 ft (7.6 m)
Dimensions	48" x 22.5" x 25" (H x W x D) (122 x 57 x 63 cm)
Weight	≈ 185 lbs (84 kg)
Not for use with fluids that have a flash point below 100°F (37.8°C).	

*At 50 Hz, nominal flow rate decreases from 26 GPM to 20.8 GPM

◆ MTC-X SYSTEM FEATURES:

- Multi-Stage Fuel Filtration
- Portable System Design
- Locking Cam and Groove Connections
- Spill Containment Tray
- Fine Filter Bypass Capability
- Filter Drain/Purge Capability
- Manual Additive Injection



1. Primary Filter Vessel
2. Inlet Ball Valve
3. Fuel Inlet (From Tank)
4. Primary Filter Drain Valve
5. Pressure Gauges
6. Fine Filter #2
7. Motor with Coupled Vane Pump
8. Spill Containment Tray
9. Fine Filter #1
10. Fuel Discharge Port
11. Diverter Ball Valve
12. Accessory Selector Valve
13. Water Level Sight Glass
14. Pump Vacuum Gauge
15. Static Head Vacuum Gauge

REPLACEMENT FILTER OPTIONS:

Spin-On Filter	Part No.	Bag Filter	Part No.
3μ Water Block Filter	WB-3	1μ Filter Bag	PFB-30-1
10μ Water Block Filter	WB-10	5μ Filter Bag	PFB-30-5
3μ Fine Filter	FF-3	10μ Filter Bag	PFB-30-10
10μ Fine Filter	FF-10	25μ Filter Bag	PFB-30-25
25μ Fine Filter	FF-25	75μ Filter Bag	PFB-30-75
		250μ Filter Bag	PFB-30-250
		800μ Filter Bag	PFB-30-800

MTC SYSTEM INTEGRATION:

