

MTC 500 AFR

Mobile Tank Cleaning System



Mobile Tank Cleaning and Fuel Restoration Systems clean tanks while reconditioning, stabilizing and decontaminating diesel, biofuels, light oils and hydraulic fluids. MTC systems remove water, sediment and sludge that naturally form and accumulate in tanks. They are compact, heavy-duty, multi-stage industrial systems for long-term reliable service. MTC systems clean tanks and restore fuel to its "Clear & Bright" pristine condition without the need for anyone to enter the tank.



Mobile Tank Cleaning Systems feature:

- Multi-Stage Cleaning
- Minimal Consumables Used
- Low Operating Costs
- Compact Industrial Design
- Negligible Fuel Loss
- No Tank Entry Needed

AXI's MTC Systems offer Three Stages of Fuel Conditioning

- Stage 1:** The separator/coalescer removes water and particulate that clog filters and harm injectors.
- Stage 2:** The ALGAE-X® Fuel Conditioner reconditions and stabilizes the fuel, reversing the process of fuel deterioration and buildup of tank sludge.
- Stage 3:** The industrial type water block fine filter removes emulsified water and very fine solids down to 3 microns.

MTC Systems are built with industrial quality components mounted on a heavy-duty aluminum cart. A clear suction hose and rotor sight glass show fuel flow and clarity. The large drip tray is designed to prevent spillage. Fuel can be polished without using any consumables by connecting the discharge hose to the quick disconnect bypassing the filter. An optional Digital Flow Meter can be added to measure the volume of liquid processed.

MTC 500 AFR SPECIFICATIONS

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| Flow Rate | Adjustable Flow Rate 180-480 GPH |
| Separator | Maintenance Free Centrifugal Water Separator/Coalescer |
| Spin-on Final Filter | 1, 3, 10 or 25 μ Fine Filter 3 or 10 μ Water Block |
| Fuel Conditioner | LG-X 1500 |
| Pump | Self priming gear pump with variable speed drive |
| Power | 115V 60Hz 15A or 230V 50Hz 15A |
| Ports | 3/4" Quick Disconnect |
| Clear Suction Hose | 3/4" 25 ft |
| Discharge Hose | 3/4", 25 ft |
| Dimensions | 48" x 22.5" x 25" (122 x 57 x 63 cm) |
| Weight | 150 lbs |
| Not for use with fluids that have a flash point below 100°F. | |

MTC 500 AFR Principal Components

The **principal components** are a self-priming gear pump with variable speed drive, maintenance free centrifugal water separator/coalescer, spin-on fine filter and water block filters, and an ALGAE-X Fuel Conditioner.

MTC Options

AXI customized Pre-Filter Assemblies have a large contaminant holding capacity to save time and accelerate the cleaning of tanks with large amounts of sludge, rust, scale and sediments. They are equipped with a basket strainer that accommodates a variety of easy-to-replace filter bags from 1-1500 micron.

AXI Spill Containment Berms protect the environment and are industrial quality, easy to use and fold up for storage and transportation.

AFC-705 Fuel Catalyst is a broad-spectrum fuel additive concentrate that enhances the breakdown and removal of sludge, slime and bio-fouling from tank walls and baffles.



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Wherever fuel is being used or stored