

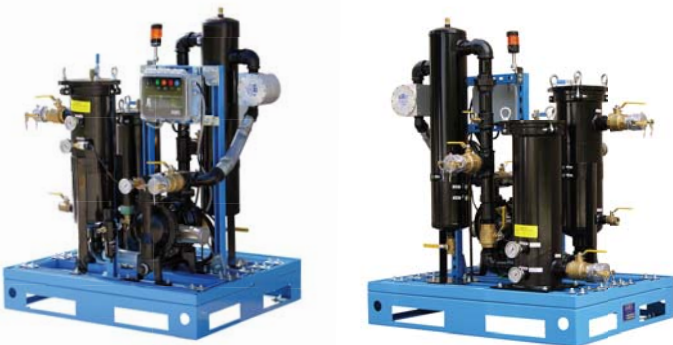
MTC-HC50 high capacity, modular tank cleaning systems are used to recondition, stabilize, and decontaminate Diesel Fuel, Bio-Diesel, Light Oils and Hydraulic fluids

MTC systems efficiently remove water, sludge, and sediments that naturally accumulate in tanks. They clean tanks, while **restoring your fuel to its “Clear & Bright” condition.**

AXI’s mobile tank cleaning systems excel in combining **High Capacity Filtration & Water Separation with Compact Design and Low Operating Cost** to provide Optimal Fuel Quality for Peak Engine Performance and Reliability.



*Shown With Optional Controller



- Compact design
- High Capacity Fluid Processing
- Variable Flow-Rate (25-75 GPM)
- Sludge & Solids Up to 1/4” (6mm)
- Large Contaminant Holding Capacity
- Fully Automated (Optional)

| | |
|---|---|
| System Capacity | Adjustable Flow Rate 25 – 75 GPM (Depending on air supply) |
| Primary Filter | Carbon Steel Pre-Filter Housing Quick Release 3-Bolt Swing Cover Drain Valve & Air Vent Perforated SS Strainer Basket 9/64” (3.5mm) for use with Filter Bags or SS Liner |
| Liner & Filter-Bags | Replaceable Filter Bags (10 - 1500 Micron) SS Basket Liners (60 - 850 Micron) |
| Secondary Filter | Carbon Steel Filter Housing Quick Release 3-Bolt Swing Cover Drain Valve & Air Vent |
| Filter Elements | Fine Filters 1 - 100 Micron Coalescing/Water Block Filters 1 - 100 Micron |
| Pump | Adjustable Flow Rate Air Driven, Double-Diaphragm Pump Filter / Regulator & Air Pressure Gauge Handles Solids up to 1/4” (6.4 mm) |
| Air Requirements | 50gpm - 25cfm @ 90psi 75gpm - 50cfm @ 90psi 1/2” Air Hose Connection |
| Fuel Conditioner | LG-X 4000 |
| Water Separator | RCM 1500 with Drain Valve & Air Vent |
| Ports | One Suction, Multiple Discharge & Sample Ports |
| Connectors | Cam & Groove Fittings and Covers |
| Hoses | 25ft Clear Suction Hose (ID 2” - OD 2.5”) 25ft Discharge Hose (ID 2” - OD 2.5”) |
| Skid | Powder Coated Carbon Steel Lifting Eyes & Forklift Channels Drip Tray with Drain |
| Dimensions* | L36 x W45 x H58 inch L91 x W114 x H147 cm |
| Weight* | 500 lbs / 227 kg |
| Instrumentation & Automation | Vacuum Gauges on Primary Filter Pressure Gauge on Pump Discharge Pressure Gauges on Secondary Filter AXI Watect 550 Water Sensor Alarm Module (optional) |
| Smart Filtration Controller | SFC-50MTC (optional) |

* Depending On Configuration

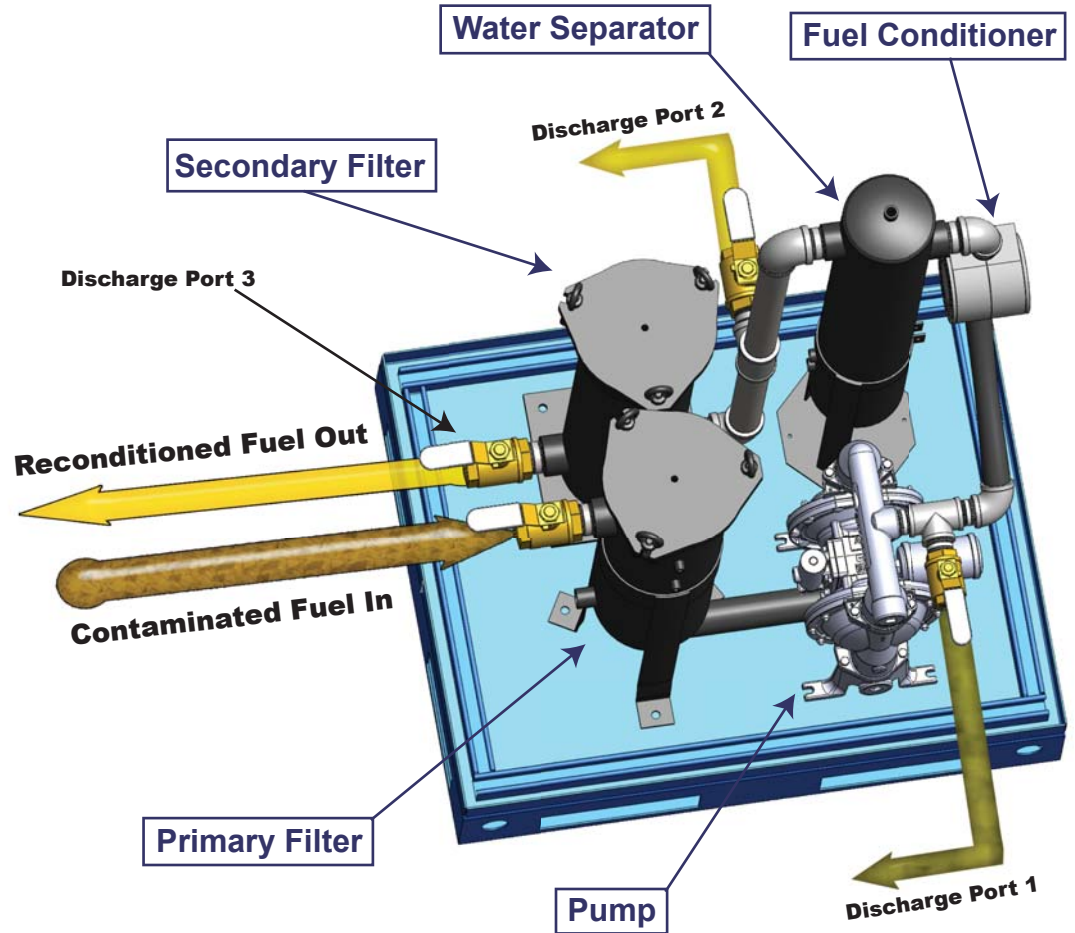


The **MTC-HC50** is equipped with a double diaphragm pump rated at a maximum of 75 GPM. An air filter regulator adjusts the pump's speed and flow. The system's maximum flow rate depends on factors such as: suction lift, discharge head, hose length & diameter, pressure drop over the primary/secondary filters and separator. Ultimately, the available air flow and pressure will determine maximum system capacity.

HC50 systems are used to efficiently clean tanks, remove water & sludge and restore fuel quality; or to simply transfer fuel from one tank to another. At a low pump rate, using **Discharge Port 1** the **HC50** will easily remove sludge and water from the bottom of your tank without creating a "Milk Shake Effect" by mixing fuel, water and sludge. Discharge Port 1 can also be used to transfer fuel to another tank while processing it through the primary filter.



Processing fuel through the Primary Filter, Fuel Conditioner, Separator and back to the tank through **Discharge Port 2** reconditions the fuel and cleans tanks at a high flow rate. Returning the fuel back to the tank from **Discharge Port 3** after the secondary filter, completes the fuel dialysis and reconditioning process. Depending on the job, Algae-X offers a choice of filter bags for the primary filter and a variety of fine filters, coalescing filters and water block elements for the secondary filter.



Available Options:

- Smart Filtration Controller
- Digital Flow Meter
- Additional Hoses
- Sample Ports
- Skid Casters
- Spill Prevention Berms
- Air Compressor



Automation

The **SFC-50MTC** is a fully automated Smart Filtration Controller with digital text readout of operating & alarm status. It provides an instant visual status report of system power, pump operation and alarms for high pressure, high vacuum and high water levels.

Installed on the MTC-HC50, the controller is equipped with a pendant power ON/OFF switch for remote control and a highly visible strobe light alarm.

ALGAE-X® Total Fuel Management Systems

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