



Mobile Tank Cleaning System MTC-500

The **MTC-500** is a three stage, industrial Mobile Tank Cleaning System to recondition, stabilize and decontaminate **oil, hydraulic fluids and diesel fuel**. It efficiently removes water, sludge, particulate and sediment that naturally accumulate in tanks. The MTC-500 excels in **low operating cost** and **compact design**. This high performance machine is shipped complete and “Ready to Go”.



- Stage 1:** The separator / coalescer removes water and particulate that are easily drained by opening the valve on the bottom.
- 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-500	
Pump Rate	8 gpm 480 gph
Self priming rotary vane pump, integrated, adjustable bypass valve	
Viscosity	Up to 500 cSt
Discharge Pressure	Adjustable, up to 80 PSI
Ports / Quick Disconnect	1" & 3/4"
Clear Vacuum Suction Hose	1", 25ft
Flexible HP Discharge Hose	3/4", 25ft
Motor *	115V / 230V
EN & CE approved Requires single phase 20A circuit	
LG-X Model	1500
Weight	140 lbs
Dimensions (H x W x D)	48" x 22.5" x 25"
Separator	Maintenance free, centrifugal water separator / coalescer
Spin-on filter	Water block filter: 3 or 10 mic. Fine filter: 3, 10, or 25 micron

* Not for use with fluids that have a flash point below 100°F (e.g. Gasoline, ...)

ALGAE-X[®] MTC Systems are built with **industrial quality components** mounted on a **heavy-duty aluminum cart**. The clear suction hose shows flow and clarity. A large drip tray is designed to prevent spillage. **Fuel and Oil can be polished without using any consumables** by connecting the discharge hose to the quick disconnect bypassing the filter. A **pressure gauge** is installed on the spin-on filter head to ensure **optimal filter usage**. The vacuum gauge monitors the water separator's condition and the Y-Strainer protects the pump.

ALGAE-X[®] Fuel Catalyst (AFC-705) The use of **AFC-705** is an **essential part of any tank cleaning procedure**, to more rapidly and efficiently decontaminate and clean the **entire fuel system**. AFC-705 removes sludge, slime and bio-fouling from tank walls and baffles that can't be reached with the suction line. **AFC-705 is a full spectrum fuel additive** containing combustion catalyst, surfactant, detergent, dispersant, corrosion inhibitor, lubricity enhancers and fuel stabilizer that **eliminates the need for expensive toxic biocides**.

Larger capacity fuel polishing and tank cleaning systems are available.

DIESEL FUEL DOCTOR