



MTC HC-300

High Capacity Mobile Fuel Polishing System



The MTC HC-300 is a high capacity mobile fuel polishing system designed to efficiently clean and restore fuel to pristine condition. While connected to a fuel storage tank, the MTC HC-300 act as a dialysis system effectively removing contaminants from such as sludge, particulate, sediment, and water. The system features isolation valves to allow for a multi-phased fuel polishing process and continuous operation during filter changes. The MTC also features a variable frequency drive to control pump motor speeds allowing for a flow rate range of 10 - 300 GPM.



◆ MTC HC-300 FEATURES:

- Multi-Stage High Capacity Filtration Vessels
- High Flow Rate Vane Pump/Motor Assembly
- Adjustable Flow Rate (VFD Controller)
- 200 Gallon Leak Basin with Drain
- Smart Filtration Controller
- Unique Safety & Alarm Features

◆ MTC HC-300 SPECIFICATIONS:

Nominal Flow Rate	10 - 300 GPM (27.9 - 1,135.6 LPM)
Primary Filter	Four- Bag Filter Vessel, Liner Basket for use with 1-800µ Filter Bags
Secondary Filters	Four- Cartridge Filter Vessel, 2-30µ Particulate, 10-30µ Water Block Filters, or 3-10µ Microglass Filters
Fuel Conditioner	Inline 3" Magnetic Conditioner
System Controller	SFC80 Smart Filtration Controller with Safety and Alarm Features
Pump	15 HP Sliding Vane Pump
Power	240V/60Hz/3Ph, or 480V/60Hz/3Ph
Plumbing	Black Iron
Ports	4" Cam & Groove In 4" Cam & Groove Out
Suction Hose	25ft (7.6 m), 4" Diameter
Discharge Hose	25ft (7.6 m), 4" Diameter
Skid	Powder Coated Carbon Steel, Filter Service Deck, and 200 Gallon Leak Basin with Drain
Dimensions	≈ 96" x 54" x 82" (H x W x D) (244 x 137 x 208 cm)
Weight	≈ 5,500 lbs (2,495 kg)
Not for use with fluids that have a flash point below 100°F (37.8°C).	

◆ REPLACEMENT FILTER OPTIONS:

Primary Filter	Part No.	Secondary Filters	Part No.
1µ Filter Bag	PFB-150-1	2µ Particulate	618-2-W
5µ Filter Bag	PFB-150-5	10µ Particulate	618-10-W
10µ Filter Bag	PFB-150-10	10µ Water Block	WA618-10-W
25µ Filter Bag	PFB-150-25	30µ Particulate	618-30-W
75µ Filter Bag	PFB-150-75	30µ Water Block	WA618-30-W
250µ Filter Bag	PFB-150-250	3µ Micro Glass	G618-3-SR
800µ Filter Bag	PFB-150-800	7µ Micro Glass	G618-7-SR
		10µ Micro Glass	G618-10-SR



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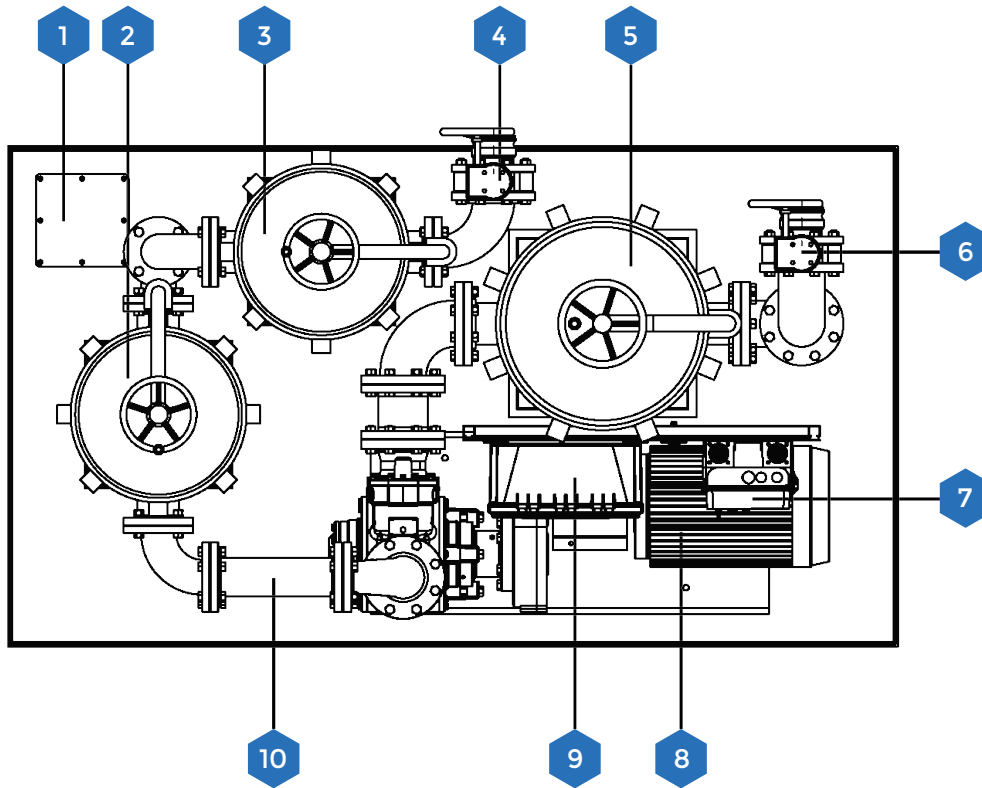
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High Capacity Mobile Fuel Polishing System



1. Leak Basin Access
2. Secondary Fine Filter Vessel #1
3. Secondary Fine Filter Vessel #2
4. Fuel Outlet (To Tank)
5. Primary Bag Filter Vessel
6. Fuel Inlet (From Tank)
7. Variable Frequency Drive (VFD)
8. Motor with Coupled Vane Pump
9. Smart Filtration Controller
10. inline Fuel Conditioner



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