

Njord Mobile Fuel Polishing Systems

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Njord mobile Tank Cleaning Systems are recommended for cleaning (bio)diesel fuel tanks as well as the fuel in various applications WITHOUT tank entry. Both above ground and underground tanks can be cleaned using our systems. Depending on the tank size a different flow rate is recommended. When cleaning the tank and fuel we recommend to use our Fuel Additive Diesel UltraClean to clean the tank walls, dissolve tank sludge and stabilize the fuel.

Key Features:

- Heavy Duty prefilter or coalescer to separate water and heavy sediments
- Compact design and low weight
- Absolute filtration in final filter
- Two step water separation

- Fuel Conditioner to stop micro-organism growth and stabilize fuel
- Fuel Quality required for Common Rail engines
- Including suction and return hoses
- Prefilter optional
- Filtration Controller optional
- Flow meter optional

Each fuel tank is its own biosphere. Diesel fuel is naturally unstable and forms sediments over time. As water enters the tank with the consumption of fuel, micro-organism contamination is always a threat. The drastic reduction of sulfur and addition of bio-components to diesel fuel in recent years have further reduced shelf life and increased fuel related headaches. To make sure your engines or burners run reliably and efficiently on (bio)diesel, it is strongly recommended to recirculate each fuel tank a few times per year.

To bring and keep the fuel in spec and meet the engine manufacturers' fuel cleanliness requirements, it is essential to keep water below 70 ppm and reach at least an 18-16-13 ISO 4406:1999 particle size distribution. Multi-pass filtration with a water absorber and absolute filter elements with a high Beta ratio for filtration below 5 micron are required. This is realized using the Njord Mobile Tank Cleaning Systems running in a parallel recirculation loop to the fuel tank.

	MTC 3600	MTC 6000	MTC 9000	MTC 18000 Skid
Flow rate	3600 lph	6000 lph	9000 lph	18000 lph
Ports	1" BSP in and out	1½" BSP in and 1¼" out	2" BSP in and 1½"out	2½" BSP in and 2" out
Primary filter	10 or 30 µ Separ or 30µ Coalescer	30 µ Coalescer	30 µ Coalescer	Bag Filter first, then 30 µ Coalescer
Pump	Rotary Vane Pump	Rotary Vane Pump	Rotary Vane Pump	Self Priming Centrifugal Pump
Secondary Filter	2 µ absolute water block	2 µ absolute water block	2 µ absolute water block	2 µ absolute water block
Fuel Conditioner	NFC-3000	NFC-3000	NFC-4000	NFC-5000
Power	110 or 230 VAC 15 A	110 or 230 VAC 20 A	110 or 230 VAC 25 A	400 VAC 40 A
Dimensions	H 1100, W 550 D 580 mm	H 1200, W 600 D 630 mm	H 1250, W 650 D 630 mm	H 1500, W 1140 L 910 mm
Weight	32 kg	90 kg	100 kg	230 kg
Certifications	CE	CE	CE	CE