



Pump rating	3000 Litres per hour
Power	220 - 240 AC, 50 Hertz cycle
Unit weight	62 Kgs
Height	1.2 Metre
Width	.6 Metre
Suction hose	7.0 Metre, clear, non marking, 25 MM ID size
Return hose	7.0 Metre, green, non marking, 25 MM ID size
Ball valves	High quality, stainless and brass
Hose coupling	Quick release, cam and groove style
Filtration unit	10 Micron, spin on, high flow
Strainer	800 Micron basket element, clear, quick open
Conditioner	Neodymium super power magnet cartridge
Separator	Powder coated, cyclone centrifuge design
Chassis	High strength alloy, pneumatic tyres
Fittings	Stainless and brass
Fuel type	Diesel only

Stage 1

Fuel will be drawn from the tank through the suction hose and into the first stage FuelTurbo cyclone separator unit. Due to the specially designed diversion plates any water and large contamination will be separated from the fuel, this contamination will settle in the lower section of the unit and is removed by the valve on the separator unit.

Stage 2

In our clear FuelTurbo strainer all solid particles above 800 microns in size are filtered, additional water gets trapped in the unit which is easily removed by opening a drain valve on the unit. The strainer unit features a quick open cover for easy basket removal and cleaning.

Stage 3

In the FuelTurbo magnetic conditioner larger clusters fuel molecules, algae and bacteria are separated while passing through the unit. We use neodymium rare earth magnets which are the strongest magnets available.

Stage 4

The final stage of the diesel polishing is the FuelTurbo filtration unit, this high performance spin on filter unit removes all fine contamination particles down to 10 microns in size. The clean fuel is returned to the tank via the return hose. The filter restriction gauge will advise the FuelTurbo technician when the filter requires replacement.

Most diesel engine problems occur because of poor fuel quality which ends up as expensive repairs with out of service equipment. The source for 90 % of all engine failures is poor diesel fuel quality. Removing and disposing of contaminated diesel fuel and purchasing new fuel is a very expensive proposition, even when contaminated fuel is removed you still have a contaminated tank and just refilling the tank with new fuel does not solve the problem. Unless the tank insides are thoroughly cleaned the new fuel becomes contaminated by the remaining contents in the tank from the old fuel. With the use of our FuelTurbo diesel polishing equipment you can safely recover, recycle and reuse diesel fuel in a cost effective and environmentally friendly manner. Diesel fuel in storage will remain stable for a period of between 6 –12 months, if the fuel is not used it will become contaminated and a major source of engine problems. Diesel fuel management is a new profitable business to be involved in and has many avenues of business applications. The FuelTurbo system can be easily transported in the back of a small utility truck or trailer or used at your existing workshop or marina facility. The unit is a complete ready to go business straight out of the box. Low cost, low maintenance, great results, great returns. The only items needed to run the FuelTurbo are filters that can be purchased from us or sourced in your local area. Full operation manual and our booklet "Insider secrets to fuel polishing" are also provided. The FuelTurbo can be used to clean diesel fuel and tanks in marine applications, power generators, mining equipment, automotive equipment, construction equipment, storage tanks and many other applications. The FuelTurbo can be used in your existing business as a great extra profit generator, used on your own equipment or used to start a business cleaning and polishing diesel fuel and tanks in your local area.

