

Product Datasheet

## DIESEL DEFENCE DC70 FUEL CLEANING BUGGY



# Fast, effective cleaning for smaller diesel fuel tanks

## DC70 CLEANING BUGGY

### Mobile cleaning for small tanks

Standby gen-sets have a low workload. The fuel in their day tanks can be stored for months or even years. Such conditions encourage fuel contamination and threaten the reliability of the gen-set.

The DC70 Cleaning Buggy is an economical way to tackle contamination in smaller tanks. It can be wheeled between locations, keeping smaller fuel stores as clean and dry as the bulk tanks that feed them.

The DC70 is a self-contained unit that only needs a connection to a mains power supply. Its simple control panel is designed to be operated by general maintenance staff and does not require specialist knowledge.

### Remove water contamination

Advanced coalescing filters remove the free and emulsified water which can damage engine injectors.

### Multi-stage filtration

Multi-stage filtration removes solid and microbial contamination to 1 micron or less.

### Reliable fuel quality

Fuel is maintained to surpass ISO 4406's 18/16/13 standard of cleanliness and EN590's 200ppm level of water content.



Diesel Defence  
FUEL POLISHING



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## Technical Specifications

### Power

Voltage	110, 230
Frequency	50Hz
Maximum variations	Voltage: +/- 5% of the nominal value Frequency: +/-2% of the nominal value
Nominal wattage	1kW

### Pump

Motor protection	Thermal overload protection
Flow rate	70 litres per minute
Suction lift	2.5 metres
System pressure	Up to 2 bar

### Filtration

Particulate	1, 5, 20 micron filters available
Water	Dual element water absorption

### Environmental & Physical

Noise	Under normal working conditions the noise level does not exceed 70dB(A) at a distance of 1 meter from the electric pump.
Weight	165 kg
Dimensions	H: 1,180 mm W: 780 mm D: 670 mm
Pipework	1" pipework with 1" ISO B QRC inlet and outlet ports

### Permitted Use

Diesel fuel viscosity	2 to 5.35 centistokes @ 37.8°C
Minimum flash point (Pensky-Martens)	55°C

### Standard Features

- Water bypass to remove bulk water from fuel tanks (bypasses all filters)
- 7" bag filter for bulk filtration of dirty fuel
- Water absorption filtration (with bypass connection)
- Design for unattended operation:
  - Bund flooded shut off
  - Filter blocked shut off
  - Timed on/off 7 day cycles
- Dry break QRC couplings
- Inline flow meter

### Optional Features

- Particle counter:
  - Instant readout of particle counts
  - Cleanliness codes displayed in NAS 1638, ISO 4406 and SAE A5 4059
  - Trending software to log and display fuel cleanliness over time

### "High-Ambient" Model

Power supply	Single Phase 220V
Frequency	60Hz

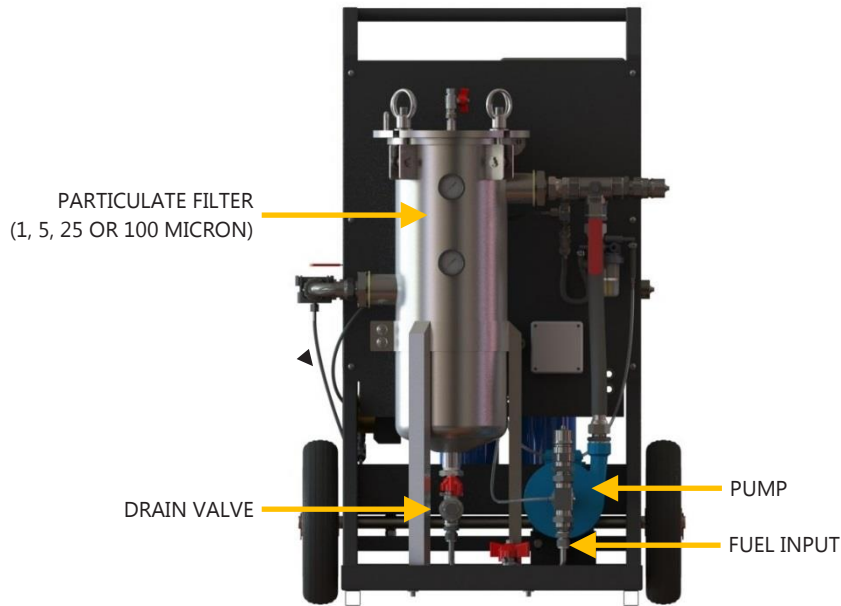
All other features are the same as the standard model.



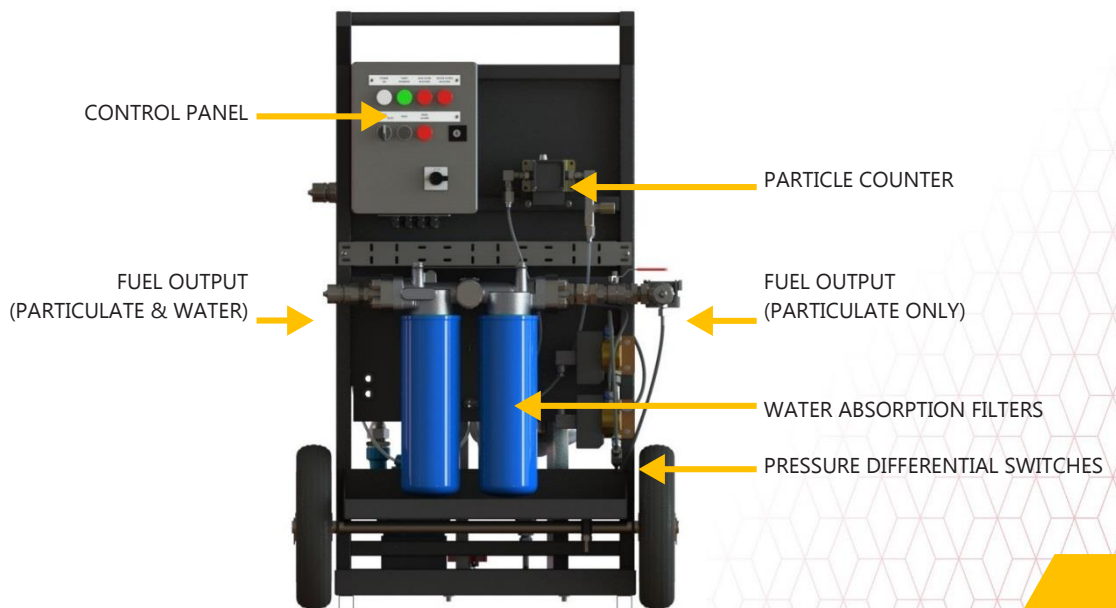
# DIESEL DEFENCE DC70 FUEL CLEANING BUGGY

## Layout

### Front View



### Rear View





*Protect your engine*

DS Activity S.A.

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