



# **Diesel Bowser Range**

**Models:** EL9524, EL9532, EL9499, EL9661, EL9503

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## 1. Introduction & Product Overview

Thank you for choosing the Diesel Bowser Tank. These units are designed to provide a safe, portable and reliable solution for storing and dispensing diesel fuel in industrial, agricultural and construction environments.

The tanks are manufactured from durable materials and are designed for convenient diesel refuelling in locations where a fixed fuel installation is not available. Depending on the model, units may include a lockable lid, integrated 12V pump, delivery hose and dispensing nozzle.

Some models may also be fitted with optional accessories such as inline fuel filters, flow meters, extended delivery hoses, or alternative voltage pumps.

Please read this manual carefully before installation and operation. Correct use and maintenance will ensure safe performance and long service life.

## 2. Key Features

- Portable diesel storage and transfer solution
- Integrated diesel transfer pump (typically 12V)
- Internal pick-up pipe with debris filter
- Delivery hose with dispensing nozzle
- Robust tank construction for site use
- Optional accessories including filters and flow meters
- Models available with or without lockable lids

Additional features on 440L model include:

- Automatic shut-off nozzle to prevent overfilling
- Forklift tine entry slots for easy transport
- Higher flow rate 12V pump
- Standard lockable lid

### 3. Technical Specifications (General)

- Capacity varies by model (100L to 440L typical range).
- Fuel Type: Diesel only
- Pump Voltage Options: 12V standard (24V and 230V optional)
- Dispensing Method: Electric pump with delivery hose and nozzle

Note: These units are designed exclusively for diesel fuel and must never be used with petrol or other flammable liquids.

### 4. Safety Information

Please read and follow all safety instructions before operating the unit.

- Ensure the tank is placed on a stable surface before operation.
- Keep the tank away from open flames, sparks or high heat sources.
- Ensure hoses and electrical cables are not damaged before use.
- Disconnect the power supply before carrying out maintenance.
- Do not operate the pump if the tank is empty.
- Always follow local fuel handling and storage regulations.

**WARNING:** This tank is designed for **DIESEL FUEL ONLY**. Do not use petrol or other fuels.

### 5. Installation Guidelines

- Position the diesel tank on a stable, level surface.
- Ensure the pump power cables are correctly connected to a suitable power supply (12V, 24V or 230V depending on model).
- Check that the delivery hose and nozzle are securely attached.
- Fill the tank with diesel fuel only.
- Ensure the tank lid is securely closed before transport.

## 6. Operating Instructions

- Ensure the tank contains sufficient diesel fuel.
- Connect the pump to the appropriate power supply.
- Insert the dispensing nozzle into the receiving fuel tank.
- Switch on the pump.
- Dispense diesel as required.
- Switch off the pump once dispensing is complete.
- Return the nozzle to its holder if fitted.

For units equipped with an automatic shut-off nozzle (440L model), the nozzle will stop dispensing automatically when the receiving tank becomes full.

## 7. Maintenance

Regular maintenance will ensure reliable performance and extend the life of the unit.

- Inspect hoses and fittings regularly for leaks or wear.
- Check the internal pick-up filter periodically and clean if required.
- Ensure electrical connections remain secure and undamaged.
- Keep the tank exterior clean.
- Drain and clean the tank periodically if contamination is suspected

## 8. Basic Troubleshooting

### No diesel coming out of the nozzle

Possible causes:

- Diesel level below the pick-up pipe inside the tank.
- Internal pick-up pipe may have become dislodged and is no longer connected to the pick-up flange.
- Pick-up filter inside the tank may be blocked with debris.

Recommended checks:

- Check the fuel level in the tank and refill if necessary.
- Inspect the pick-up pipe inside the tank and ensure it is securely connected to the metal flange using the hose clip.
- Remove and clean the internal pick-up filter if it is clogged.

### Pump not operating

Possible causes:

- Blown fuse.
- Power supply issue.

Recommended checks:

- Locate the fuse inside the black housing at the rear of the 12V pump. The fuse can be found by following the power cable into the pump housing.
- Inspect the fuse and replace if blown.
- Check the power supply connection and battery condition.

### Pump running but fuel flow is weak

Possible causes:

- Blocked pick-up filter.
- Kinked delivery hose.
- Air entering the pick-up pipe.

Recommended checks:

- Inspect and clean the pick-up filter.
- Check that the delivery hose is not kinked or crushed.
- Ensure the pick-up pipe connection to the flange is secure.

## 9. Warranty

- The Diesel Bowser Tank is supplied with a 1-year warranty covering manufacturing defects from the date of purchase.
- Pump is covered with a 2-year warranty from the date of purchase.
- Standalone pumps will also come with 2-year warranty from the date of purchase.
- The warranty does not cover damage caused by misuse, incorrect installation, contamination of fuel, lack of maintenance, or unauthorised modifications or repairs.

## 10. Identification Information

Each unit is fitted with product identification labels including:

- Serial number field
- Manufacturer contact details

Please record the serial number for warranty and service purposes.