

Operation Manual

Fuel Eco-Hub



Overview

A stand-alone, central hub for fuel management on-site.

The Fuel Eco-Hub is a robust, secure, weatherproof container for safely storing fuel and monitoring its usage. A large capacity fuel tank, either 2000 litres or 3000 litres, can accommodate all machinery and vehicles on-site and reduces refill frequency.

A digital fuel management system that records usage data onto an app, including driver or operator name, date, mileage, and vehicle or machine. The data is stored on an online portal for real time usage monitoring and the ability to export reports.

Additional security bolts and lockable doors prevent fuel theft and solar panels on the roof of the unit ensure the Fuel Eco-Hub can be situated in any location on-site, for the ultimate off-the-grid fuel management solution.

Key Benefits

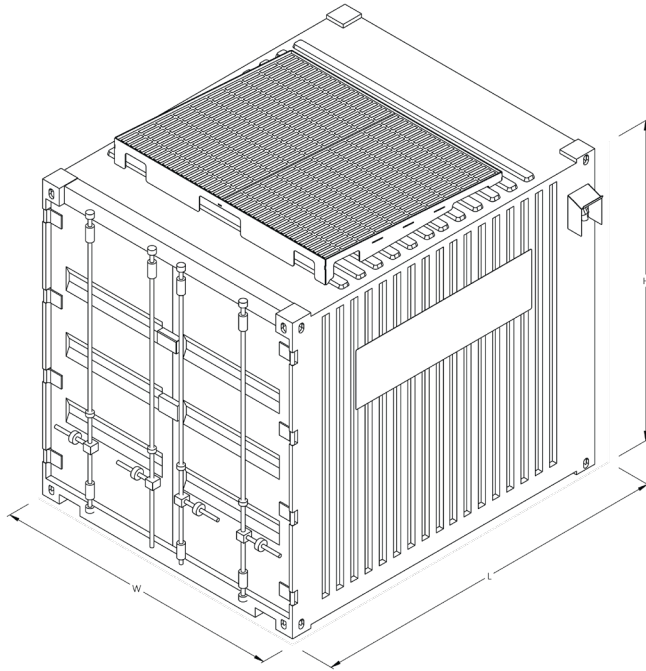
- Large capacity fuel tank: 2000-litre or 3000-litre options available.
- Solar panels ensure unit is fully stand-alone.
- Fuel is securely locked away, preventing theft.
- Fuel dispenser with K600 flow meter and 4m delivery hose.
- App supports online portal providing real time fuel usage recordings.
- Fire Extinguisher.
- Maintenance Spill Kit.

Optional Extras

- IBC for Ad Blue storage.
- Electric dispensing pump for Ad Blue.
- Electronic Tank Level Monitor.

Specification

Item	Product Code
Fuel Eco-Hub	ST140AB-16000



¹Working Load Limit.

Product Code	Height	Width	Length	Weight	WLL ¹	Fuel Tank Capacity
ST140AB-16000	2830mm	2570mm	2940mm	3150kg	10,000kg	2000 litres / 3000 litres

Operation Instructions

Important Usage Notes

- Make sure the Fuel Eco-Hub is secured at the end of each day.
- The fuel tank should be always locked so site personnel must use the electric pump to track fuel usage accurately.
- Check bund regularly for spills and only use Maintenance Spill Kit to clean them up.

Lifting with a Forklift

1. Before moving the Fuel Eco-Hub, check the shelves are empty.
2. To lift the Fuel Eco-Hub with a forklift, set the machine's forks to the correct width of the fork pockets. Make sure that they are equidistant from the centre.
3. Drive the forklift to the Fuel Eco-Hub aligning the forks with the fork pockets.
4. Move the forklift forward until the forks are fully inserted into the fork pockets. The Fuel Eco-Hub is now ready to lift.
5. Carefully raise the hub just off the ground and check for balance and security.
6. Carefully transport the hub to its required destination, taking care not to jolt.
7. When in position, the hub can be lowered onto firm, level ground.
8. Reverse the forklift back and clear of the hub.

Lifting with a Crane

1. Only crane-lift the Fuel Eco-Hub when the fuel bowser and the shelves are empty.
2. Attach a suitable four leg chain sling to the four lifting points.
3. Carefully raise the hub just off the ground and check for balance and security.
4. Carefully transport the hub to its required destination, taking care not to jolt.
5. When in position, the hub can be lowered on to firm, level ground.
6. Detach the Fuel Eco-Hub from the lifting chains.

Safety Advice

Basic Safety

A site-specific Risk Assessment, and lift plan where applicable, must be completed by the responsible person before using this equipment to control risks, produce a safe system of work and ensure safety for you, your colleagues and others. Your risk assessment will determine the correct Personal Protective Equipment (PPE) for the task you are doing. You must use it. Conquip recommends that you should wear:

- Suitable clothing
- Gloves
- Hard hat
- Protective footwear (steel toecaps)
- Safety glasses

Important Safety Notes

- Read these instructions before using this equipment. If there is anything you do not understand or if you have any concerns do not use this equipment.
- You must check that you have considered all the safety requirements for the task you are doing and that this equipment is suitable.
- You must protect bystanders and the general public by preventing access to the working area.
- Do not use this equipment if you are tired, unwell or under the influence of alcohol or drugs. If you are taking any medicine or undergoing treatment you should inform your supervisor.

Usage & Transportation

- Never unevenly load this equipment.
- The weight of the equipment, together with its attachments, must be added to the weight of the load when calculating the total load that will be imposed on the lifting apparatus / operating machine.
- This equipment must be used in conjunction with the load ratings of the lifting apparatus / operating machine. (Refer to the manufacturers' load ratings and original working instructions).
- Make sure you know how to use this equipment and understand all aspects of its operation in case of emergency.
- This equipment weighs more than 25kg. Do not lift or manhandle without machine assistance.
- Do not operate this equipment near overhead power lines.
- Take care in confined spaces, near ceilings or similar hazards. This equipment was designed for vertical lifting. Do not drag, or swing.
- Before operating this equipment, check that you have enough space for you to work safely and make sure that the working area is clear of hazards, obstructions and personnel.
- Before lowering equipment make sure that the landing zone is clear and capable of accepting the size and weight of the load.
- Crush Risk. Keep hands and feet clear of the equipment at all times to avoid injury.
- Do not exceed the maximum Working Load Limit (WLL) shown on the serial plate. Ensure that the WLL on the individual lift points is not exceeded.
- Before lifting, check that the load is secured, balanced and stable. Allow space for the equipment to move if the load shifts.
- Manoeuvre loaded or raised equipment carefully. Travel and turn slowly to avoid unit becoming unstable.

Personnel

- All personnel must wear relevant personal protective equipment.
- Do not wear loose clothing or jewellery and tie back long hair to avoid becoming tangled or trapped in this equipment. You must make everyone in the work area aware of what you are doing.
- All personnel involved in the lifting operation must be competent to do so and must have been briefed in conjunction with this User Guide.

Equipment Maintenance & Cleaning

- It is mandatory that the equipment is thoroughly examined regularly, by a qualified engineer, to ensure compliance with relevant regulation/s. We recommend to carry out thorough examination every six months).
- This product may incorporate various loose and detachable items of lifting gear. Refer to the separate requirements for the safe use of those items.
- When not being used, store the unit in a clean, upright condition and in a safe place where it will be protected from thieves and unauthorised users.
- This equipment must be inspected by the responsible person before each use and then regularly, as determined by your risk assessment or working practice. If you have any concerns about condition or suitability do not use.



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