

BauTank™ Smart Construction Container with Fuel Supply

Mobile tanks are the Nr. 1 problem for managing diesel use on building sites. Managers have not enough control over refueling and tank levels, and AdBlue creates now yet another supply requirement for the management to coordinate.

The secure storage and inventory of valuable tools and materials on site is the other main problem. Both issues are solved effectively with a BauTank™ subscription. The solution is managed by the Fuelitics Virtual Assistant, freeing up productive time for managers.



BauTank™, is a self-bunded diesel tank with space for AdBlue tank and construction site equipment storage, in a secure ISO shipping container equipped with solar power* and a Fuelitics C9 controller. The BauTank™ is provided with a Fuelitics Virtual Assistant for Fleet Managers service subscription.

Thanks to the managed solar power supply, security of the container's contents is maintained during transport as well, and due to the large capacity batteries, all features are available instantly after delivery on site.



The C9 Automated Refueling Controller uses the Fuelitics app on the user's mobile device to identify users and vehicles, inform the user, and to authorize filling. The rugged C9 controller has satellite and cellular data connectivity to the Fuelitics system and provides the basis of AI assisted carbon footprint control.

The controller maintains the autarch operation of the system by ensuring continuous function of the solar power equipment. This makes the use of a BauTank™ at remote construction sites or while waiting for the installation of site power mains practical.

The Fuelitics Virtual Assistant for Fleet Managers is an automated fuel management service supervised by an expert team. The system continuously analyzes transactional and measurement data and using Artificial Intelligence it fetches third party data when needed, to build a meaningful overview of the operations. The result of analysis is interpreted into action items, which are sent the relevant stakeholders. The system also supports the responsible person or team in taking the necessary action to resolve any issues that may arise. For example, the system may ask for permission to order fuel delivery to a site or remind the manager of maintenance issues or alert for security breaches in a clear message.

The Smart Container functionality helps securing high price equipment items like compactors, compressors, drills, welding equipment, etc. with the help of Bluetooth LE supervision technology. The stable and independent power supply also makes the recharging of cordless tools easier.

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