

DIESEL TANK IN A MARINE CONTAINER

Product in a ready-to-use configuration, with a short lead time



FOR WHOM?

The solution is ideal for organisations that need **easy, mobile and cost-effective access to fuel**, regardless of location or external conditions. Typically, these are small and large businesses operating in industries with high diesel consumption, such as construction, agriculture, emergency services, transport companies and other businesses with their own fleet of vehicles, machinery or back-up power in the form of generators. The specific nature of their operations requires:

- the fuel source to be as close as possible, preferably on site,
- the fuel infrastructure to guarantee environmental and operational safety,
- energy independence to be maintained, especially when these companies operate in difficult, isolated locations,
- solutions that guarantee flexibility, optimise costs and avoid time-consuming construction and installation work.





STANDARD EQUIPMENT

- Manhole DN 600 with gasket
- Manhole in the container roof for access to the tank
- Filling pipe DN 50 with Camlock coupling and attested overfill prevention valve
- Suction pipe DN 25 with non-return valve connected to a dedicated dispenser
- Vent pipe DN 50 ended outside the container
- Socket for manual measurement DN 50 with Camlock coupling
- Socket for electronic measurement with level and leak detection system
- DN 25 muff for connection of additional measuring equipment
- Pad foundations
- Electric box with overcurrent circuit breakers, differential circuit breaker and sockets
- CEE 230V electrical connection for power source
- Bracket in container wall for earthing connection
- 72L/min fuel dispenser with 4 m hose and self-sealing fuel nozzle
- Powerful, energy-saving LED interior lighting, switched on by motion detector
- Ventilation grilles in the container walls to allow fresh air inside



ADDITIONAL CUSTOMIZATION OPTIONS

- Electrical box cover to prevent unauthorised access to the electrical section
- PIUSI dispenser model CUBE 70
- Leak detection system made by the company SGB, with GSM communication (information about the leak via SMS)
- Bracket for attaching a long hose to the reel
- AFRISO electronic overfill prevention system, model GWG
- Drip tray on container floor (located under the dispenser and filling connection), with galvanised WEMA grating





ADVANTAGES OF A STEEL DIESEL TANK IN A MARINE CONTAINER

The steel diesel tank with fuel distribution system, secured in a marine container, is a practical and cost-effective product that meets the needs of many industries, ensuring ease of use and long, trouble-free operation.

Mobility and ease of transport

By placing the tank in a 20ft marine container, transport by land or sea is straightforward. The container's standard dimensions allow the use of a wide range of transport equipment, such as forklifts, cranes, gantry trucks, HDS or side loaders, significantly increasing flexibility and logistical efficiency.

Quick installation

The robust construction of the container means the tank can be set up in any terrain, making installation easier and reducing assembly costs. This tank does not require a time-consuming and labour-intensive foundation.

A complete product, ready for immediate use

The tank is fully instrumented with a fuel dispenser, automatic leak detection and lighting. This makes it ready for immediate use. The construction only requires the connection of a grounding system with appropriate resistance and a power source.

Increased operational safety

Placing the tank in an enclosed container limits unauthorised access and protects it from mechanical damage, theft and the effects of extreme climate conditions.

Multifunctionality

It can be used as a fuel storage facility, an independent, self-service filling station to supply your own fleet, or as a fuel backup for emergency generators. Once empty, the structure can be easily transported to another location where it is needed.

Cost optimisation

Its standardised design and equipment, simplified installation, mobility and short delivery time from order make it a highly cost-effective product. It guarantees robust quality, reliability and compliance with safety standards without the need for large investments in time, labour and capital.



CONTAINER TECHNICAL SPECIFICATION

general information	Standard 20ft marine container, colour RAL 7015
standard	in accordance with: ISO 668, ISO 1161, ISO 1496-1, ISO 6346
material	high quality steel
floor	durable 28 mm plywood
container dimensions W x H x L (mm)	2 591 x 2 438 x 6 058 mm
door opening dimensions W x H x L (mm)	2 286 x 2 278 mm



TANK TECHNICAL SPECIFICATION

general information	suitable for the storage of diesel fuel
standard	in accordance with: EN 12285-2
kształt	cylindrical, horizontal tank
shape	certified carbon steel
number of chambers	1
capacity (m³)	10 m ³
diameter (mm)	2000 mm
wall's structure	double -wall
work temperature	from -20 to +50°C
external coating	polyurea paint C3 class in acc. PN-EN ISO 12944-2
internal coating	as an option



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