

FUEL TANKS

SELF BUNDED RECTANGULAR FUEL TANKS

PRODUCT DETAILS

Our tanks are available with or without an integrated bunded pump bay and can be fully customized with a wide range of fuel dispensing, monitoring, and control equipment to suit your operational requirements.

Designed for maximum environmental protection and full regulatory compliance, our self-bunded fuel storage solutions provide safe, reliable, and efficient fuel management for a variety of applications.

Whether you require an auxiliary fuel tank to extend generator runtime or a complete plug-and-play fuel storage and dispensing system for fleet refuelling, we offer solutions tailored to your needs.

Standard models are available in 10 ft, 20 ft, 40 ft, and 48 ft container footprints. Custom sizes, capacities, and specifications can also be engineered and manufactured to meet specific project requirements.



BASIA باساية



STANDARD FEATURES

- Integrated bunded pump bay and tank access platform, providing convenient access to all tank functions from a single location.
- Rounded roof profile designed to prevent the accumulation of water, snow, and sand.
- CSC certified and plated for transport as a standard 10 ft, 20 ft, 40 ft, or 48 ft container.
- Fuel dispensing equipment securely housed within a lockable, bunded pump bay enclosure.
- Lockable container doors as standard, with optional roller shutter door configuration.
- Interstitial emergency relief vent fitted to protect the interstitial space between the primary and secondary tanks in the event of a fire.
- DN80 fill connection complete with Camlock male coupling, dust cap, and fire-safe full-bore ball valve.
- DN80 suction outlet complete with anti-siphon valve and two-piece fire-safe full-bore ball valve.
- DN80 mechanical overfill prevention valve with 12 V battery-operated overfill alarm system.
- Two 600 mm diameter access manways complete with integrated tank access ladder assembly.
- Surface preparation by abrasive blasting to SA 2 standard.
- Three-coat marine-grade protective coating system using Hempel or Jotun paint products.
- Standard external finish: RAL 9003 Signal White (other colours available upon request).
- Supplied with all mandatory statutory safety signage and decals applicable to the operating region.
- Available in standard 10 ft, 20 ft, 40 ft, and 48 ft container footprint models.
- Custom dimensions, capacities, fittings, and specifications available to meet project-specific requirements.



UL 142 LISTED

Key Features and Specifications

UL 142 Certified

Designed, manufactured, and certified in accordance with UL 142 requirements for aboveground steel fuel storage tanks, ensuring safety, reliability, and regulatory compliance.

Self-Bunded Double-Wall Construction

Robust double-wall (self-bunded) design providing integral secondary containment for enhanced environmental protection and spill prevention.

Containerized Design

Available in standard 10 ft, 20 ft, 40 ft, and 48 ft container footprints, enabling efficient transportation, installation, and site integration.

Optional Internal Baffles

Internal anti-surge baffles are available for applications where the tank may require transportation while partially filled.

Bunded Pump Bay

Available with either integrated or external clip-on bunded pump bay housing. The design incorporates removable side panels to facilitate multiple tank interconnections and fuel farm configurations.

Access Ladder and Platform System

Integrated ladder and access platform designed in accordance with AS 1657 requirements. The platform configuration allows ladder installation on either side of the tank for maximum site flexibility. Optional infill sections and stair modules enable the creation of continuous walkways and safe access systems across multi-tank installations.

CSC Certified for Transportation

CSC-plated and approved as a standard shipping container for transportation by sea, rail, and road, simplifying logistics and deployment worldwide.

Optimized Tank Profile

Rounded rectangular tank geometry maximizes storage capacity within the available footprint while maintaining full visibility of the secondary containment area for inspection and long-term fuel storage applications.

CODE	Volume (Liters)	Tank Dimensions (mm)			CONTAINER SIZE	NOTE
		Length	Width	Height		
BFT-12	12,000	2,991	2,438	2,896	10FT HIGH CUBE	
BFT-16	16,000	2,991	2,438	2,896	10FT HIGH CUBE	NO PUMP BAY
BFT--30	30,000	6,058	2,438	2,896	20FT HIGH CUBE	
BFT--38	38,000	6,058	2,438	2,896	20FT HIGH CUBE	NO PUMP BAY
BFT--65	65,000	12,192	2,438	2,896	40FT HIGH CUBE	
BFT--75	75,000	12,192	2,438	2,896	40FT HIGH CUBE	NO PUMP BAY
BFT--80	80,000	14,630	2,438	2,896	48FT HIGH CUBE	





BASIA باسية

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Key Features and Specifications

Manway Access

600 mm diameter access manways with integrated internal access ladders for inspection and maintenance. Tanks exceeding 12,000 litres are supplied with two manways to facilitate safe entry, ventilation, and degassing during maintenance activities.

Protective Coating System

Surface preparation by abrasive blasting to SA 2 standard followed by a three-coat marine-grade coating system:

- Primer: Hempadur 1530
- Intermediate Coat: Hempadur Hi-Build 4520
- Topcoat: Hempthane Enamel 55100

Standard finish: RAL 9003 Signal White

Minimum total dry film thickness: 120 microns.

Equivalent coating systems from Jotun may also be supplied upon request.

Integrated Tank Protection Systems

Factory-engineered and manufactured 80 mm (3") anti-siphon valve and overfill prevention valve provide enhanced operational safety and environmental protection.

Fill/ Suction Connections

80 mm (3") fill connection complete with:

- Schedule 40 steel pipework
- ANSI Class 150 flanges
- Camlock male coupling with dust cap
- Fire-safe full-bore isolation ball valve

Liquid Compatibility

Suitable for the storage and dispensing of:

- Diesel fuel
- Gasoline (petrol)
- Lubricating oils
- Waste oils
- Other compatible hydrocarbon-based liquids

Overfill Alarm System

Supplied with a 12 V battery-operated overfill alarm for additional protection during tank filling operations.

Custom Solutions

Tank capacities, compartment arrangements, dispensing equipment, monitoring systems, and accessory packages can be customized to meet specific project and operational requirements.

Multi-Compartment Configurations

Available with multiple internal compartments in all container footprints, allowing the storage of different fuel grades, lubricants, or liquid products within a single tank system.

UL 2085 FUEL TANK

SAFE. COMPLIANT. BUILT TO LAST.



UL 2085 LISTED

Designed and manufactured in accordance with UL 2085 for aboveground fuel storage, ensuring the highest standards of safety and performance.



SELF-BUNDED DOUBLE-WALL DESIGN

Integrated secondary containment provides superior protection against leaks and environmental hazards.



CONTAINERIZED & CSC CERTIFIED

Engineered to ISO container standards and CSC plated for safe and efficient transport by sea, rail, or road.



SAFE. RELIABLE. COMPLIANT.

Built for the secure storage and dispensing of diesel, gasoline, lubricants, and other compatible fuels.

We can supply UL 2085 listing for the tanks we manufacture. This enhances our complete product offering into the market. The tanks are double walled fire rated fire-protected above-ground storage tanks. The steel inner and outer walls provide the protection for the unique light weight thermal insulation material or concrete that exceeds the 4 hour fire test. The interstitial space can be monitored for leak detection. The system insulates product in the tank from ambient temperature variations, reducing emissions to the environment. The tanks manufactured under this program meet or exceed the following standards:

- UL 2085 Listed protected tank
- NFPA 30 AND 30A

The other features are the same as self bunded tanks (UL142)



UL 2085
LISTED



SELF-BUNDED
DOUBLE-WALL



CSC CERTIFIED
CONTAINER



ENVIRONMENTALLY
RESPONSIBLE



UL 2085
LISTED