THIELMANN
THE CONTAINER COMPANY

DOUBLE SHELL FUEL CONTAINER

SAFE, SECURE AND EXTREMELY ROBUST WHG APPROVED FUEL CONTAINER SOLUTION

STORAGE AND TRANSPORT SOLUTION FOR FUEL PRODUCTS, SUITABLE FOR USE IN EVEN THE HARSHEST CLIMATIC CONDITIONS

The THIELMANN Double Shell Container is a special tank container designed specifically to safely store and transport dangerous or potentially water pollutant goods as fuel.

This secure containment solution is WHG approved meaning that the DIBt (German Institute for Civil Engineering) authority in Berlin has determined that it fulfils the strict requirements and specifications that it contains the necessary provisions to sufficiently protect surface water and groundwater. This combined with an integrated leakage monitoring system means that external contamination is completely avoided. It also removes the need for additional time and cost investment in surface preparation, sealing, and leak detection as it is no longer required when using this product.

The THIELMANN Double Shell Fuel Containers feature an ISO frame and can be used individually as fuel storage containers, or in a scalable combination with one another on a so-called fuel farm, short to long term.

The robust double-walled tanks are suitable for both stationary and mobile use and are easily transportable. They have been designed to operate in even the most extreme climatic operating conditions worldwide, such as Antarctica.

PRODUCT DESCRIPTION

- Special tank container according T Code T4
- Tank in ISO frame
- Double-walled tank with WHG approval (the WHG contains provisions on the protection of surface water and groundwater)
- Leakage monitoring to avoid contamination of the environment
- Suitable for use for transportation and stationary storage of dangerous or water pollutant goods as fuel.
- Can be combined as a short-term or permanent fuel farm
- Removes the need for additional investment: No surface sealing required for the storage of dangerous or water pollutant goods. The tank is self-surveilled and brings its own, integrated detention basin.
- Top filling and discharging connections
- Field-proven in extreme climatic conditions
- Surge baffle upon request for improved handling during transportation
- Working pressure: 1.76 bar / 25.52 PSI
- Tank Material: 1.4301 (304)

APPROVALS

- AD 2000-Regelwerk
- ADR / RID, IMDG (T4)
- ISO 1496-3 and UIC 592 as applicable
- CSC
- Customs
- WHG
- Lloyds Register

CARGO

- UN 1202 - Diesel
- UN 1203 - Petrol
- UN 1863 - Kerosin, Nato Fuel Codes (F34, F44) and Aviation Fuel Codes (Jet-A1, JP-8)
- UN 3082 - Kerosin F44
- UN 1268 - Petroleum

DIMENSIONS

	Metric	US
Length	6058 mm	238.50 in
Height	2591 mm	102.00 in
Width	2438 mm	95.98 in
Capacity	24000 L	6349.20 gal
Tank Diameter	Ø 2350 mm	Ø 92.51 in
Tare Weight	4960 kg	10934,81 lbs
Max. Gross Weight	30480 kg	8051.96 gal

TOP-QUALITY THIELMANN CONTAINERS MADE OF HIGH-GRADE STAINLESS STEEL FOR DEMANDING BRANDS

In a sector that demands excellence, THIELMANN sets the standard for double-shell stainless steel containers for the safe transport and storage of goods.

We specialize in providing integrated systems combining liquid/gas storage with ancillary services, such as pumps, specialist linings, filtration, telemetry as well as heating and cooling systems.

These multi-modal solutions can be transported worldwide across road, rail and sea handling systems in extreme temperature and climatic conditions.

To find out more about how our containers can add value to your products by simplifying their storage and transport, contact us with no obligation.

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THIELMANN
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CHEMICAL SLUDGE CONTAINER

DEDICATED CONTAINER FOR THE REMOVAL OF CHEMICAL AND LANDFILL SLUDGE

FLEXIBLE AND SECURE SOLUTION FOR THE CHEMICAL AND WASTE MANAGEMENT INDUSTRY

The THIELMANN Chemical Sludge Container is dedicated for use within the Recycling and Chemical Industry as a solution for the removal of landfill sludge, contaminated sludge, as well as contaminated leachate with solids and suspended solids, in line with T Code T7.

The tank is designed for certain solids, crystallizable or high viscosity substances and is ideal for use in the processes of removing contaminated chemical sludge and for soil and surface remediation. The container also conveniently features a hook arm system for changing truck superstructures.

PRODUCT DESCRIPTION

- Special tank container for chemical sludge according T Code T7
- Frame with hook-lift capability according to DIN 30722-1 / clear length 5500 mm
- Light weight design for hook-liftlable frame
- The tank is designed for solids, crystallizable or highly viscous substances
- Suitable for use of the removal of contaminated chemical sludge
- Surge baffle upon request for improved handling during transportation
- Cleaning opening bottom near, Ø 500 bolted
- Bottom discharge DN 80 - Storz B
- Filling opening near bottom DN 80 - Storz B, remotely operated from below
- Ventilation DN 50 - Storz C, can be operated remotely from below. Connection at ground level
- Manhole DN 500
- Safety Relief Valve pressure/vacuum
- Overfill protection
- Filling level indicator
- Working pressure: 2.66 bar / 38.57 PSI
- Tank material: 1.4571 (316Ti)
- Valves material: 1.4571 (316Ti) or higher

APPROVALS

- ADR / RID, IMDG (T7)
- Lloyds Register
- DIN 30722-1

CARGO

- UN 1556 - Arsenic Compound (liquid PG III)

DIMENSIONS

	Metric	US
Length	5900 mm	232.28 in
Height	2400 mm	94.48 in
Width	2500 mm	98.42 in
Capacity	7950 L	2103,17 gal
Tank Diameter	Ø 1500 mm	Ø 59.05 in
Tare Weight	3310 kg	7297,22 lb
Max. Gross Weight	12000 kg	26455,2 lb

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THIELMANN
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ENVIRONMENT PROTECTION CONTAINER

HEATABLE AND COOLABLE SECURE CHEMICAL CONTAINMENT SOLUTION

WHG APPROVED STAINLESS STEEL CONTAINER DESIGNED FOR THE STORAGE AND TRANSPORT OF INTERMEDIATE CHEMICAL PRODUCTS

The THIELMANN Environment Protection Container is a special tank container purpose built for the safe containment and transport of chemicals, according to T Code T20. It features a secure and robust double-walled tank and an integrated leakage monitoring system designed to detect and avoid accidental leakages.

The tank containers are WHG approved meaning that the DIBt (German Institute for Civil Engineering) authority in Berlin has determined that they fulfil the strict requirements and specifications to ensure that the necessary provisions are in place to adequately safeguard surface water and groundwater. It also removes the need for additional constructional investment in case of an accidental spill.

The Environment Protection Container is a flexible and mobile buffer storage solution for intermediate products. Whilst being stored, chemical products can be steam heated or cooled through a system in the inner tank jacket before being allowed to flow back into the usual production processes. The container can also be used for the recording of residual quantities and for decanting purposes.

PRODUCT DESCRIPTION

- Special tank container according to T Code T20
- Double-walled tank with WHG approval (the WHG contains provisions on the protection of surface water and groundwater)
- Leakage monitoring to avoid contamination of the environment
- Suitable for use as a mobile storage and transport container
- Mobile buffer storage for production processes
- Removes the need for additional constructional investment
- Steam heating or cooling system on inner tank jacket
- Top filling and discharging connections
- Surge baffle upon request
- Working pressure: 6,66 bar / 96,57 PSI
- Tank material: 1.4404 (316L)

APPROVALS

- ASME VIII Div. 1, U-Stamp
- ADR / RID 6.7, IMDG (T20), 49CFR
- ISO 1496-3, UIC 592 (afaa)
- CSC
- Customs / TIR
- LR
- WHG

CARGO

- UN 1242 - Methyl Dichlorosilane
- UN 1295 - Trichlorosilane
- UN 2998 - Chlorosilane (Triazine Pestizide, liquid Toxic)

DIMENSIONS

	Metric	US
Length	6058 mm	238.50 in
Height	2591 mm	102 in
Width	2438 mm	95.98 in
Capacity	7490 L	1981,48 gal
Tank Diameter inside	Ø 1350 mm	Ø 53.14 in
Tank Diameter outside	Ø 1500 mm	Ø 59.05 in
Tare Weight	6365 kg	14032,27 lb
Max. Gross Weight	36000 kg	79365,6 lb

TOP-QUALITY THIELMANN CONTAINERS MADE OF HIGH-GRADE STAINLESS STEEL FOR DEMANDING BRANDS

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THIELMANN
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HOOK ARM FUEL STATION

WHG APPROVED MOBILE OR STATIC FUEL FILLING AND STORAGE STATION

IDEAL FOR USE WITHIN FIRE PREVENTION FACILITIES, DURING EMERGENCY OPERATIONS AND ON COMPANY PREMISES

The THIELMANN Hook Arm Fuel Station is a flexible fuel filling and containment solution which can be operated either remotely from a truck or stationary. The station is ideal for use at locations without the necessary infrastructure for safe and secure fuel filling and storage, thanks to its self sufficient and completely autonomous operation.

The Hook Arm Fuel Station is especially useful during emergency operations where it can be used for a variety of different applications such as refuelling fire engines, helicopters or power generators. The mobile fuel station has also been designed to work seamlessly within fire brigade operations.

The Hook Arm Fuel Station is WHG approved meaning that the DIBt (German Institute for Civil Engineering) authority in Berlin has decided that no structural measures (like underground preparation and sealing) are required in order to operate this container. The approval according to WHG outlines the requirements and specifications that need to be met in order to ensure the necessary provisions are in place to protect surface water and groundwater. This approval represents a truly safe and secure fuel storage and dispensing solution.

The double shell is designed to protect against pollution to the external environment, catching up cargo in case of a leakage of the inner tank. As an approved WHG container, it includes a leakage monitoring system that provides an alarm and a chip system that can calculate and automatically invoice individual quantities delivered. Due to this functionality, the Hook Arm Fuel Station can also be used on company premises as a filling station.

PRODUCT DESCRIPTION

- Frame with hook-lift capability according to DIN 30722-1 / clear length 5500 mm
- Double-walled tank with WHG approval (the WHG contains provisions on the protection of surface water and groundwater)
- Leakage monitoring to avoid contamination of the environment
- Suitable for use as either a mobile or static fuel station
- Fire brigade technical loading
- Pump unit for use as “filling station” only
- Fuel terminal with chip
- Nozzles for passenger car and truck each, including 20 meter hose
- Dispensing point for refuelling via dry coupling system with 200 L/min - 70 meter hose
- Autarkic system can only be operated via a power generator or mains connection
- Operation in mounted condition possible via folding platform
- Unpressurized
- Tank Material: 1.4301 (304)

APPROVALS

- EN 13094
- ADR
- DIN 30722-1
- CCC / TIR
- WHG
- LR

CARGO

- UN 1202 - Diesel
- UN 1863 - Kerosin, Nato Fuel Codes (F34, F44) and Aviation Fuel Codes (Jet-A1, JP-8)
- UN 3082 - Kerosin F44
- UN 1268 - Petroleum

DIMENSIONS

	Metric	US
Length	6058 mm	238.50 in
Height	2100 mm	82.67 in
Width	2438 mm	95.98 in
Capacity	5750 L	1521,16 gal
Tank Diameter	Ø 1400 mm	Ø 55.11 in
Tare Weight	4600 kg / 1215.19 gal	10141,16 lb
Max. Gross Weight	12000 kg / 3170.06 gal	26455,20 lb

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ORGANIC PEROXIDES CONTAINER T23

SUITABLE FOR THE STORAGE AND TRANSPORT OF ORGANIC PEROXIDES (T23)

SECURE, INSULATED AND TEMPERATURE CONTROLLED TANK CONTAINER SOLUTION FEATURING INDEPENDENTLY CONTROLLED HEATING AND COOLING SYSTEMS

The THIELMANN Organic Peroxides Container is a special tank container solution suitable for the transportation of organic peroxides according to T Code T23.

The tank comes equipped with two independently operated heating and cooling devices each, which maintain the safe and secure operation of each container in the event of a failure of one unit. This also provides the facility to transport cargoes in a temperature range controlled to +/- 4°C, also guaranteeing the quality of transported goods.

The container features high quality insulation, with PU foam and stainless steel cladding. It has the customizable option of adding surge baffles, depending on your unique requirements.

PRODUCT DESCRIPTION

- Special tank container for organic peroxides
- Two cooling and heating units each, working independently from one another
- Two independent cooling/heating channel systems
- Temperature control of the transported goods within a control variance range of +/- 4°C
- Tank equipped with overpressure safety device
- High quality insulation with PU foam and stainless steel cladding
- Surge baffles
- Tank in ISO frame
- Working pressure: 4 bar / 58 PSI
- Tank material: 1.4571 (316 Ti)

APPROVALS

- ADR 2000 - Regelwerk
- ADR / RID / GGVSEB / IMDG T23 / GGVSee
- ISO 1496-3 and UIC 592 as applicable
- CSC
- Customs
- BAM / TÜV

CARGO

- Organic Peroxides, Ketone Peroxides, Dialkyl Peroxides, Diacyl Peroxides, Peroxyesters, Hydroperoxides, Peroxydicarbonates.
- UN 3109
- UN 3119
- UN 2286
- UN 3295
- UN 1262
- UN 1120

DIMENSIONS

	Metric	US
Length	6058 mm	238.50 in
Height	2591 mm	102 in
Width	2438 mm	95.98 in
Capacity	19000 L	5026,45 gal
Tank Diameter	Ø 2250 mm	88.58 in
Tare Weight	7.600 kg	16754,96 lb
Max. Gross Weight	30.480 kg	67196,20 lb

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