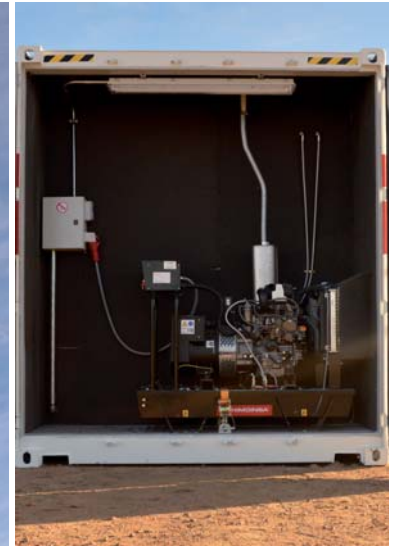




- Fully autonomous Mobile Service Station
- Commissioned in 2 hours
- Built to European safety standards
- Made to order and customizable

Ref.	Description
SM002015	Basic Container Diesel Service Station 20' with 18.500L tank and 40L/min Dispenser
SM002040	Basic Container Diesel Service Station 40' with 44.000L tank and 40L/min Dispenser
SG000010	Gasoline Equipment (ATEX Electric Installation, Grounding and Vapour Recovery Stage I)
CDC02200	Complete Double tank compartment, with double dispenser, piping and valves
UP000500	Unloading pump (500L/min) with valves and piping
SSB00080	Extra charge for 80L/min Dispenser
SSB00130	Extra charge for 130L/min Dispenser
SSM00010	Integrated Diesel Genset inside an acoustic isolated cabinet



Specifications:

- Cabinet made from 1st trip ISO Container 20' or 40' High Cube. Equipped with Ventilation Grids, Roof's Access Cover to tank's manhole.
- Retention Tray and non-slip grating under dispenser area.
- Double Wall Tank, fully tested and certified according EN 12285-2 Class A, with leak detector.
- Steel piping welded and tested.
- Suction Line 1.1/2" equipped with a mesh filter, anti-siphon valve and cut valve.
- Fuel Loading line 3", inlet near dispenser area, with CAMLOK connection, down pipe and overfill prevention valve.
- Venting: 2" vent pipe with atmospheric vent valve and filter.
- Level gauge, dipstick and capacity table.
- Dispenser TOKHEIM valid for retail.



General description:

Compact fuel installation for the storage and supply of fuel to vehicles. Built according to the overall criteria of Petroleum Product Installation Regulations.

Easy transportation, fast commissioning and reduced works.

Specifications:

- Double Wall Tank, according to EN 12285-2 Class A, fully tested and certified.
- Capacity range from 1.000 to 120.000 Litres.
- Coating with one hand of zinc primer and other hand of Polyurethane.
- Electric Box IP-55 with circuit breakers.
- Leak detection by vacuum.
- Complete piping and valves for loading, venting and dispense.
- Supports saddles and manhole access ladder.
- Project tailor-made to meet the requirements of each user.
- Containerised option.

DOUBLE WALL FUEL STORAGE TANKS

Double Wall Underground Tanks EN 12285-1

CALDERERIA S.L.
Terns



General Specifications:

- Tanks manufactured according to EN 12285-1 Class A, fully tested and certified.
- Capacity range from 1.000 to 120.000 Litres.
- High quality welds by submerged arc SAW.
- All built in carbon steel S235JR (according the EN 10025-2) of high mechanical strength and deformation capacity, allows absorption of shock, vibration, traffic, moderate movements of terrain, etc. It also allows an appropriate resistance to modern additives.

Superficial finish:

EXTERNAL:

- Coating with CFC free Polyurethane to a minimum thickness of 800 microns
- High resistance coating against corrosion and hydrocarbon spills too

INTERNAL:

- Clean

Leak detection:

STANDARD SUPPLY:

- Leak detection by vacuum and vacuumeter
- Vacuum realisation in factory

OPTIONAL SUPPLY:

- Monitored detection by liquid
- Monitored detection by vacuum

Possibility of changes:

- Special manhole connections and additional manholes.
- Special access shafts.
- Multi-compartment.
- Special diameters and lengths.
- Different possibilities of coatings up to 2mm of thickness.

DOUBLE WALL FUEL STORAGE TANKS

Double Wall Underground Tanks BS EN 12285-1 Class A

General specifications

- Workshop fabricated steel tanks. Horizontal cylindrical double skin tanks for the underground storage of flammable and non-flammable water polluting liquids.
- All tanks are fully tested and certified to BS EN 12285 specification.
- Capacity range from 1.000 to 120.000 Liters.
- Coating: 800 microns of solvent-free polyurethane, and 6.000V high voltage surface tested.
- Fluid leak detection system with alarm supplied.

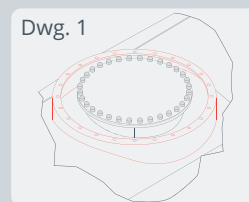
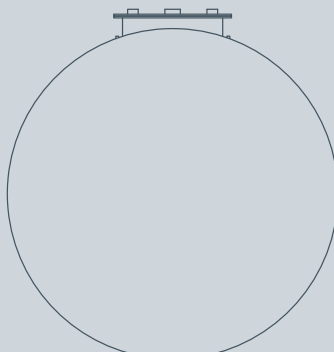
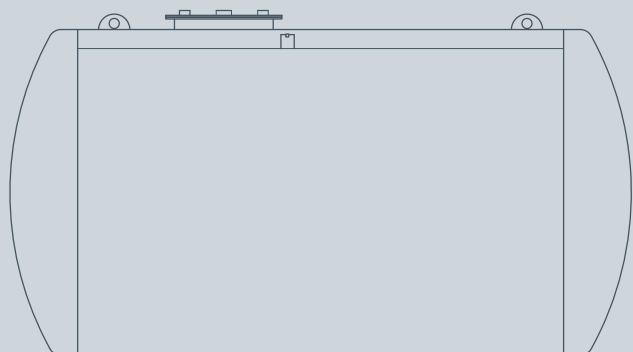
Options

- Multi-compartment to provide multi-fuel usage.
- Supports for Watertight tank chambers (Dwg. 1)
- Internal lining for AdBlue.
- Metallic base frame fitted to the tank for concrete reinforcement, with offloading slings, shackles and guide ropes.

Capacity (l)	Ø (mm)	Length (mm)	Weight (kg)	Inner Skin Thk. (mm)	Outer Skin Thk. (kg)		Manhole Ø (mm)	Min. capacity compartment (l)
					Head	Shell		
1.500	1250	1600	600	5	3	3	300	-
2.000	1250	2000	700	5	3	3	300	-
3.000	1250	2800	900	5	3	3	300	1100
4.000	1250	3600	1100	5	3	3	300	1100
5.000	1500	3200	1250	5	3	3	600	1600
6.000	1500	3800	1450	5	3	3	600	1600
8.000	1900	3300	1900	6	3	3	600	2800
10.000	1900	4000	2200	6	3	3	600	2800
12.000	1900	4800	2500	6	3	3	600	2800
15.000	1900	5800	2900	6	3	3	600	2800
22.000	2500	4850	3800	6	5	4	600	5300
27.000	2500	5850	4400	6	5	4	600	5300
30.000	2500	6900	5000	6	5	4	600	5300
40.000	2500	8900	6300	6	5	4	600	5300
50.000	2500	10900	7600	6	5	4	600	5300
60.000	2500	12900	8900	6	5	4	600	5300
80.000	3000	11900	11100	7	5	4	600	8500
100.000	3000	14800	13500	7	5	4	600	8500

Standard manhole ND300 treated connections: 2x Ø50/60 and 3x Ø40/50

Standard manhole ND600 treated connections: 3x Ø50/60, 1x Ø40/50 and 1x Ø80/90



DOUBLE WALL FUEL STORAGE TANKS

Double Wall above Ground Tanks EN 12285-2

CALDERERIA S.L.
Terns



General Specifications:

- Tanks manufactured according to EN 12285-1 Class A, fully tested and certified.
- Capacity range from 1.000 to 120.000 Litres.
- High quality welds by submerged arc SAW.
- Supports saddles and manhole access ladder.
- All built in carbon steel S235JR (according the EN 10025-2) of high mechanical strength and deformation capacity, allows absorption of shock, vibration, traffic, moderate movements of terrain, etc. It also allows an appropriate resistance to modern additives.

Superficial finish:

EXTERNAL:

- Coating with one hand of zinc primer and other hand of Polyurethane.

INTERNAL:

- Clean.

Leak detection:

STANDARD SUPPLY:

- Leak detection by vacuum.
- Vacuum realisation in factory.

OPTIONAL SUPPLY:

- Monitored detection by liquid
- Monitored vacuum or pressure leak detection.

Possibility of changes:

- Special manhole connections and additional manholes.
- Special ladders and platforms.
- Multi-compartment.
- Special diameters and lengths.
- Containerised tanks.
- Different possibilities of coatings up to 2mm of thickness.

DOUBLE WALL FUEL STORAGE TANKS

Double Wall above Ground Tanks BS EN 12285-2 Class A

General specifications

- Workshop fabricated steel tanks. Horizontal cylindrical double skin tanks for the aboveground storage of flammable and non-flammable water polluting liquids.
- All tanks are fully tested and certified to BS EN 12285 specification.
- Capacity range from 1.000 to 120.000 Liters.
- Coating: primer and bi-component white polyurethane.
- Fluid leak detection system with alarm supplied.

Options

- Multi-compartment to provide multi-fuel usage.
- Internal lining for AdBlue.
- Custom projects with dispenser, cabinet, access platform, piping...

Capacity (l)	Ø (mm)	Length (mm)	Weight (kg)	Inner Skin Thk. (mm)	Outer Skin Thk. (kg)		Manhole Ø (mm)	Min. capacity compartment (l)
					Head	Shell		
1.500	1250	1600	600	5	3	3	300	-
2.000	1250	2000	700	5	3	3	300	-
3.000	1250	2800	900	5	3	3	300	1100
4.000	1250	3600	1100	5	3	3	300	1100
5.000	1500	3200	1250	5	3	3	600	1600
6.000	1500	3800	1450	5	3	3	600	1600
8.000	1900	3300	1900	6	3	3	600	2800
10.000	1900	4000	2200	6	3	3	600	2800
12.000	1900	4800	2500	6	3	3	600	2800
15.000	1900	5800	2900	6	3	3	600	2800
22.000	2500	4850	3800	6	5	4	600	5300
27.000	2500	5850	4400	6	5	4	600	5300
30.000	2500	6900	5000	6	5	4	600	5300
40.000	2500	8900	6300	6	5	4	600	5300
50.000	2500	10900	7600	6	5	4	600	5300
60.000	2500	12900	8900	6	5	4	600	5300
80.000	3000	11900	11100	7	5	4	600	8500
100.000	3000	14800	13500	7	5	4	600	8500

Standard manhole ND300 treated connections: 2x Ø50/60 and 3x Ø40/50

Standard manhole ND600 treated connections: 3x Ø50/60, 1x Ø40/50 and 1x Ø80/90

