

Steel storage tanks

We manufacture pressureless storage tanks in accordance with DIN EN 12285, our own general construction approvals/general construction type approvals (DIBt) and according to customer requirements.

The tanks are supplied with test marks or CE marks and also specific acceptance certificates.

Find out about our standard storage tanks:

- page 21:** Above-ground storage tanks in accordance with DIN EN 12285-2
- page 22:** Double-walled underground storage tanks, accessible, DIN EN 12285-1
- page 26:** Vertical storage tanks – single and double-walled with general technical DIBt approval
- page 27:** Double-walled tanks with bottom outlet
- page 28:** Rainwater and fire water tank



For filling stations we supply containers for the storage of various fuels and for the NO_x reducing agent AdBlue®.



Fire water storage and rainwater utilization can be combined with our tanks.



Above-ground tank systems in accordance with DIN EN 122852, class B, tank type D for heating oil and diesel fuel – complete with saddle feet, fittings and leak sensor

Double-walled cylindrical storage tanks made of steel with RAL-GZ 998 seal of quality for above-ground storage of heating oil and diesel fuel.

Container inside raw, outside blasted, primed and painted in a defined RAL color. Double jacket monitored with control liquid.

Complete tank system equipped with:

- ▶ Dome DN 600
- ▶ optical leakage indicator including test cock and control liquid for refilling
- ▶ Welded saddle feet
- ▶ Ladder with pedestal, galvanized
- ▶ Tank fitting consisting of:
 - Filling tube 2"
 - Suction combination up to max 150 l/h for fuel oil or 1 1/4" suction pipe for diesel fuel
 - Venting connection with 1 1/2" cap
 - Dipstick 1" with feeler rod
- ▶ Limit transmitter

For tank diameters 2500 mm and larger, the tank fittings, the limit transmitter and the leakage indicator are supplied with a 10 l container of control liquid and must be screwed to the tank on site.



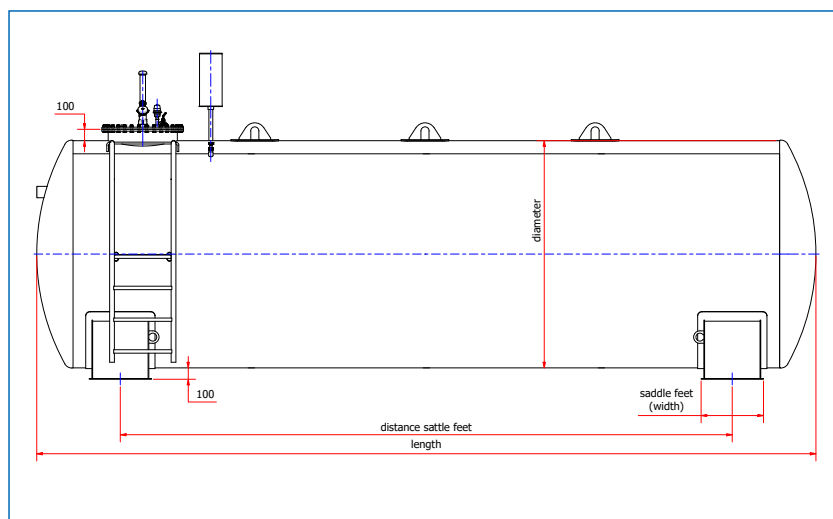
Diesel tank with platform and suction line

Article no.	Nominal content l	Diameter mm	Length mm	Dimensions saddle feet		Weight without attachments approx. kg
				Distance mm	Width mm	
100205	5,000	1,600	2,750	1,770	300	1,265
100210	7,000	1,600	3,750	2,770	300	1,580
100215	10,000	1,600	5,350	4,290	300	2,105
100220	13,000	1,600	6,950	5,625	475	2,650
100225	16,000	1,600	8,530	7,135	475	3,170
100230	20,000	2,000	6,870	5,395	550	3,860
100235	25,000	2,000	8,420	7,005	550	4,575
100240	30,000	2,000	9,970	8,615	550	5,280
100245	40,000	2,500	8,710	6,760	900	7,640
100250	50,000	2,500	10,680	8,820	900	8,990
100255	60,000	2,500	12,650	10,880	900	10,335
100260	80,000	2,900	12,800	10,295	1,300	15,060
100265	100,000	2,900	15,930	13,360	1,300	18,030

Additional equipment for diesel tank systems

Article no.	Description
900030	Column pedestal for dispenser
900081	Filling tube 3" instead of 2"

Suction line 1 1/4" or 2" with siphon protection and stopcock pulled down to the column pedestal as well as dispenser (without assembly) at extra charge.



Steel storage tanks

Underground steel tanks in accordance with EN 12285



Technology on the outside, future on the inside

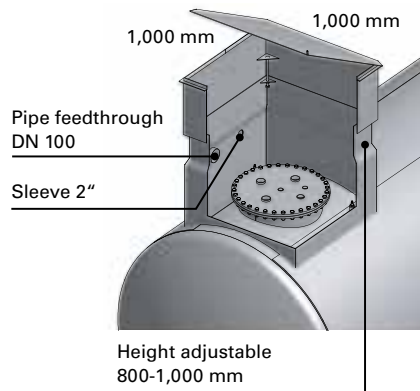
Cylindrical storage tanks made of steel in accordance with EN 12285 are double-walled and approved for the storage of many different media. The standards include extensive media lists.

Inner and outer tanks are made of high-quality steel – upon request also with additional internal corrosion protection.

The containers are protected on the outside by plastic insulation (Endoprene) in accordance with EN 12285-1.

The monitoring space is monitored with a vacuum leak detector. Pressure monitoring is also possible upon request. For special requirements, the tanks can be made of stainless steel.

Prefabricated manhole height adjustable, cover walkable, galvanized



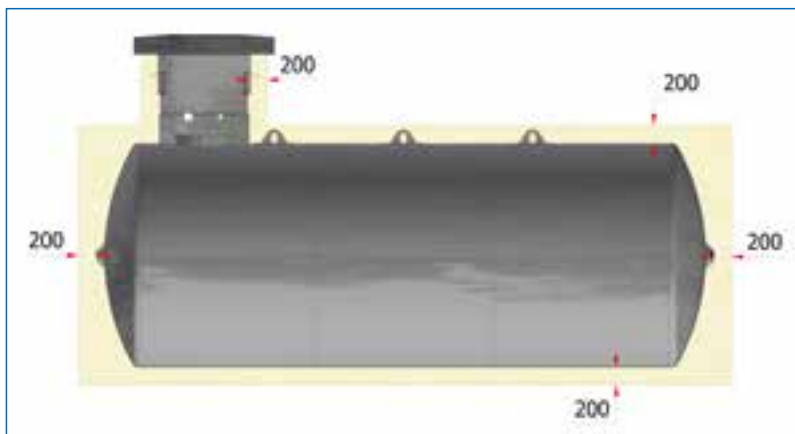
Prefabricated manholes for steel tanks

Liquid-tight welded-on manhole collars or base parts for prefabricated manholes are mandatory under water law, and are included in the scope of delivery for complete tanks. They can be combined with any underground storage tank.



Storage of the tanks

Article no.	Description
900140	Shaft 600 mm high, not height-adjustable, cover can be walked on
900144	Shaft height adjustable 800-1,000 mm, cover can be walked on

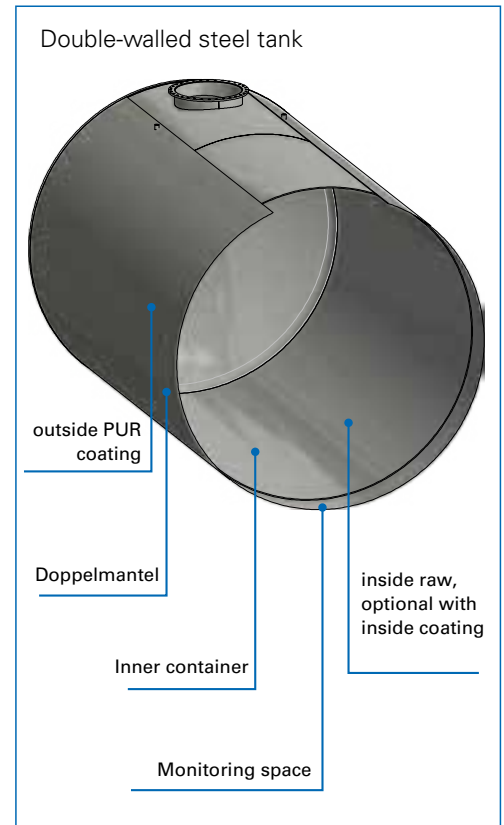


The dimensions of the pits must be such that the tanks are surrounded by at least 200 mm of sand with a grain size of < 2 mm. Depth depends on the selected prefabricated manhole. The base is to be constructed in such a way that the tank is stored with a gradient of approx. 1% towards the end of the dome (largely horizontal in the case of multi-chamber tanks). If groundwater occurs or in flooded areas, the tank must be secured accordingly.

As an additional service, we offer the required insulation test and storage monitoring. A crane for laying the tank and sufficient backfill material must be provided by the customer.

Double-walled steel tanks in accordance with EN 122851

Article no.	Nominal capacity liters	Tank diameter mm	Length mm	Weight kg
100510	5,000	1,600	2,750	1,170
100520	7,000	1,600	3,750	1,490
100530	10,000	1,600	5,350	2,015
100540	13,000	1,600	6,950	2,510
100550	16,000	1,600	8,530	3,000
100531	10,000	2,000	3,770	2,070
100541	13,000	2,000	4,550	2,550
100551	16,000	2,000	5,520	3,190
100560	20,000	2,000	6,870	3,610
100570	25,000	2,000	8,420	4,335
100580	30,000	2,000	9,970	5,170
100561	20,000	2,500	4,570	4,020
100571	25,000	2,500	5,580	4,800
100581	30,000	2,500	6,740	5,410
100590	40,000	2,500	8,710	6,840
100600	50,000	2,500	10,680	8,250
100610	60,000	2,500	12,650	9,810
100591	40,000	2,900	6,680	7,370
100601	50,000	2,900	8,170	9,040
100749	60,000	2,900	9,630	10,410
100620	80,000	2,900	12,800	13,670
100625	100,000	2,900	15,930	16,586



Edelstahlbehälter für AdBlue®

For safe storage of the high-purity aqueous urea solution "AdBlue®", Dehoust offers the combination of stainless steel (inner tank) and standard steel (outer tank). This tank, known as a "black and white tank", is a low-maintenance solution compared to a double-walled steel tank with internal coating; regular inspection of the internal coating is not required. 6608/2 or EN 12285 explicitly provides for this combination of materials.

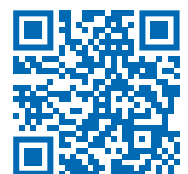
The seal of compliance eliminates the need for costly suitability certificates.

Examples for AdBlue® Containers:

Article no.	Nominal capacity liters	Diameter mm	Length mm	Weight kg
940100	5.000	1.600	2.750	1.170
940105	7.000	1.600	3.750	1.490
940110	10.000	1.600	5.350	2.015
940115	20.000	2.000	6.870	3.610



**GREATER SAFETY AND CLARITY
THROUGH DIBt APPROVAL**



The described material combination up to stainless steel grade 1.4571 is also suitable and approved for the storage of other water-endangering, flammable and non-flammable liquids in accordance with the positive liquid list of EN 12285-1, Appendix B.

Storage tanks

Vertical steel tanks with general technical DIBt approval



Above-ground vertical tanks offer the advantage of placing large storage volumes in a small footprint.

Special designs and variants within the diameters and volumes are possible. Depending on your requirements, we supply filling and suction lines, platforms with access ladders as well as heaters and safety fittings. Additional corrosion protection inside and outside is available upon request.



All dimensions are subject to change, in case of order we will provide a detailed drawing.

Give us a call – our project engineers will be happy to give you any advice you need at 0049 5021-970350



Vertical storage tanks made of steel or stainless steel

- ▶ For unpressurized operation
- ▶ Vertical on 4 tube feet
- ▶ Approved for the storage of liquids hazardous to water in accordance with the positive list of DIN EN 12285-1, Appendix B, media density up to 1.6 kg/dm³
- ▶ The tanks are designed for indoor and outdoor installation up to and including wind and snow load zone 2 in accordance with DIN 1055

Vertical single-walled tanks

Z-38.11-241 and Z-38.11-323

Article no.	Nominal capacity liters	Diameter mm	Height incl. feet mm	Weight kg
104010	5,000	1,600	3,410	980
104020	7,000	1,600	4,400	1,180
104030	10,000	1,600	6,000	1,520
104040	13,000	1,600	7,590	1,940
104050	16,000	1,600	9,190	2,260
104051	16,000	2,000	6,010	2,290
104060	20,000	2,000	7,570	2,910
104070	25,000	2,000	9,120	3,410
104080	30,000	2,000	10,670	3,880
104081	31,000	2,500	7,450	4,000
104090	42,000	2,500	9,740	5,450
104100	52,000	2,500	11,710	6,350
104110	61,000	2,500	13,680	7,250
104091	45,000	2,900	8,010	4,800
104101	58,000	2,900	10,010	6,140
104120	78,000	2,900	13,010	7,460
104130	98,000	2,900	16,010	8,800
104126	85,000	3,200	11,810	9,850
104140	103,000	3,500	11,910	11,230

Vertical double-walled tanks

Z-38.12-260 and Z-38.12-270

Article no.	Nominal capacity liters	Diameter mm	Height incl. feet mm	Weight kg
104015	5,000	1,600	3,410	1,450
104025	7,000	1,600	4,400	1,770
104035	10,000	1,600	6,000	2,290
104045	13,000	1,600	7,590	2,960
104055	16,000	1,600	9,190	3,490
104056	16,000	2,000	6,010	3,340
104065	20,000	2,000	7,570	4,170
104075	25,000	2,000	9,120	4,920
104085	30,000	2,000	10,670	5,630
104086	31,000	2,500	7,450	5,940
104092	42,000	2,500	9,740	8,160
104105	52,000	2,500	11,710	9,550
104111	61,000	2,500	13,680	10,940
104096	45,000	2,900	8,010	7,420
104106	58,000	2,900	10,010	9,490
104125	78,000	2,900	13,010	11,710
104136	98,000	2,900	16,010	13,920