

UNDERGROUND FUEL TANKS



FOR WHOM?

Underground tanks are designed to storage fuels and various types of toxic and non-toxic, caustic and poisonous liquid substances used in:

- fuel distribution points for road traffic,
- industrial facilities and agricultural facilities,
- transport companies,
- military units and facilities.





ADDITIONAL CUSTOMIZATION OPTIONS

- Traffic zone sump 920x920, H950 mm
- Traffic zone sump 1400x740, H950 mm
- Traffic zone cover 920x920mm with concrete ring
- Waterproof traffic zone cover 1400x740 mm, 400 kN with concrete ring
- Green zone sump 1200x1400 mm, H1100 mm
- Adaptation of a compartment for storage of AdBlue



STANDARD EQUIPMENT

- Manhole DN 600
- Suction pipe DN 50 or DN 40
- Venting pipe DN 50 with venting valve
- Drain pipe DN 40
- Filling pipe DN 50 - DN 100 with overflow prevention valve DN 50 and camlock
- Socket for manual measurement DN 50 with camlock
- Socket for automatic measurement DN 100 with camlock





STANDARD DIMENSIONS OF UNDERGROUND TANKS

Nominal capacity	Outer diameter of internal tank	Length of wall	Total length of tank	Class A (S1, S2)	Class B (S1, S2)	Number of lifting lugs [min]
[m ³]	[mm]	[mm]	[mm]	[mm]	[mm]	[pcs.]
3	1 250	2 300	2 720	5	5	1
5	1 250	3 900	4 320			1
3	1 600	1 500	2 040	5	5	2
5	1 600	2 500	3 040			2
8	1 600	4 000	4 540			2
10	1 600	5 000	5 540			2
13	1 600	6 500	7 040			2
16	1 600	7 900	8 440			2
10	2 000	3 000	3 660	6	6	2
13	2 000	4 000	4 660			2
16	2 000	5 000	5 660			2
19,7	2 000	6 000	6 660			2
25	2 000	8 000	8 660			2
30	2 000	9 500	10 160			2
35	2 000	11 000	11 660			2
20	2 500	4 000	4 800	6	7	2
25	2 500	5 000	5 800			2
30	2 500	6 000	6 800			2
40	2 500	8 000	8 800			2
50	2 500	10 000	10 800			2
60	2 500	12 000	12 800			2
70	2 500	14 000	14 800			2
30	2 900	4 100	4 900	7	9	2
40	2 900	6 000	6 900			2
50	2 900	7 500	8 400			2
60	2 900	9 000	9 900			2
70	2 900	10 500	11 400			4
80	2 900	12 000	12 900			4
100	2 900	15 000	15 900			4
120	3 000	17 000	17 960			4

S1 – thickness of the inner tank shell

S2 – thickness of the inner dish end

At the customer's request, we can make tanks with other diameters and capacities.



TECHNICAL SPECIFICATION OF THE TANK

general information	<ul style="list-style-type: none"> preparation of the outer and internal surfaces by blasting to grade Sa 2.5 acc. to ISO 8501-1 adaptation of the tank to the wet or dry method of leakage detection system
standard	produced in accordance with EN-12285-1, DIN 6608
construction	horizontal, cylindrical tank
material	certified carbon steel S235JR
number of compartments	from 1 to 8
capacity (m³)	from 3 to 200 m ³
diameter (mm)	from 1000 to 3600 mm
wall's structure	double wall or single wall
work temperature	from -20°C to +50°C
external coating	with Endoprene tested for breakthrough of 6.000 V
internal coating	as an option
designation	<ul style="list-style-type: none"> storage of fuels at fuel distribution points storage of other flammable, caustic or poisonous liquids



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