ABOVEGROUND **FUEL TANKS**

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FOR WHOM?

Aboveground fuel tanks are dedicated to:

- fuel distribution stations for road traffic and watercraft units,
- production facilities, agricultural facilities and other entities from the industrial sector, in order to meet the needs related to the storage of toxic and non-toxic, flammable and non-flammable liquid substances used in current operations,
- fuel supply of military vehicles.

ADDITIONAL
CUSTOMIZATION OPTIONS

- Side lights LED ATEX
- Leakage detection system
- Loading gasoline pump
- Adaptation of a compartment for storage of AdBlue (application of an internal heater, external insulation of a tank and pipeline, and application of heating cables on a pipeline)
- Insulation with mineral wool and aluzinc plates
- Platform and roof for distribution

TANK'S STANDARD
EQUIPMENT

- Manhole DN 600
- Suction pipe DN 25 - DN 50 with mechanical or electromagnetical anti-siphon valve
- Venting pipe DN 50 with venting valve
- Filling pipe DN 50 - DN 100 with overfill prevention valve DN 50 and Camlock
- Socket for manual measurement DN 50 ended with camlock quick connector
- Socket for automatic measurement DN 50 - DN 100 ended with internal thread (muff)
- Ladder and service platform with railings
- Foundations
- Grips on the foundations for grounding connection

STANDARD DIMENSIONS
OF ABOVEGROUND HORIZONTAL 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]
[m³]	[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	7	9	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	• preparation of the outer and internal surfaces by blasting to grade Sa 2.5 acc. to PN-EN ISO 8501-1 • adaptation of the tank to the wet or dry method of leakage detection system
standard	• horizontal tank: produced in accordance with EN 12285-2 or DIN 6616 • vertical tank: produced in accordance with DIN 6618
construction	horizontal or vertical cylindrical tank
material	certified carbon steel S235JR
number of compartments	horizontal tank: from 1 to 8 vertical tank: 1
capacity (m³)	from 3 to 120 m³
diameter (mm)	from 1600 to 2900 mm
wall's structure	double wall or single wall
work temperature	from -20°C to +50°C
external coating	Polyurea paint C3,C4 or C5 class in acc. PN-EN ISO 12944-2
internal coating	as an option
designation	• fueling distribution points for road and water traffic • fuels storage by entities supplying fuels to distribution stations • storage of other flammable, corrosive and poisonous liquids

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