

# ABOVEGROUND FUEL TANKS



## 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 overflow 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]
[m <sup>3</sup> ]	[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
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

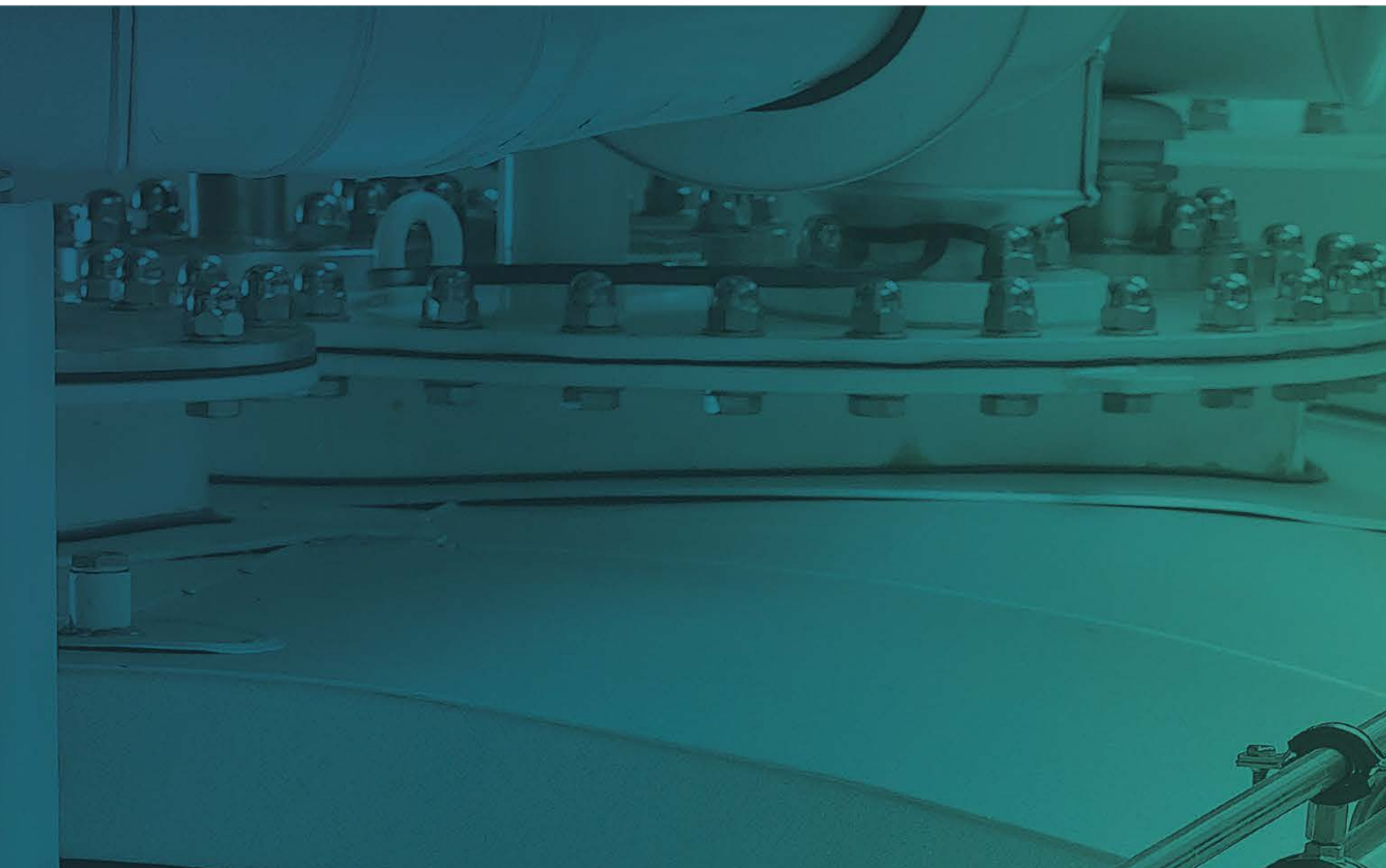
S2 – thickness of the inner dish end

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



## TECHNICAL SPECIFICATION OF THE TANK

<b>general information</b>	<ul style="list-style-type: none"> <li>preparation of the outer and internal surfaces by blasting to grade Sa 2.5 acc. to PN-EN ISO 8501-1</li> <li>adaptation of the tank to the wet or dry method of leakage detection system</li> </ul>
<b>standard</b>	<ul style="list-style-type: none"> <li>horizontal tank: produced in accordance with EN 12285-2 or DIN 6616</li> <li>vertical tank: produced in accordance with DIN 6618</li> </ul>
<b>construction</b>	horizontal or vertical cylindrical tank
<b>material</b>	certified carbon steel S235JR
<b>number of compartments</b>	horizontal tank: from 1 to 8 vertical tank: 1
<b>capacity (m<sup>3</sup>)</b>	from 3 to 120 m <sup>3</sup>
<b>diameter (mm)</b>	from 1600 to 2900 mm
<b>wall's structure</b>	double wall or single wall
<b>work temperature</b>	from -20°C to +50°C
<b>external coating</b>	Polyurea paint C3,C4 or C5 class in acc. PN-EN ISO 12944-2
<b>internal coating</b>	as an option
<b>designation</b>	<ul style="list-style-type: none"> <li>fueling distribution points for road and water traffic</li> <li>fuels storage by entities supplying fuels to distribution stations</li> <li>storage of other flammable, corrosive and poisonous liquids</li> </ul>



**Manufacturer:**

Ekonstal Sp. z o.o. Sp. k.  
ul. Słoneczna 30, 88-230 Piotrków Kujawski, Poland

**Sales office:**

ul. Słoneczna 21, 86-031 Osielsko, Poland  
+48 690 810 304  
sales@ekonstal.pl

**[EKONSTAL.PL/EN/](https://Ekonstal.PL/EN/)**