

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



TANK'S 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 - 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		Class B		Number of lifting lugs [min]	Weight of one-chamber tank class A
[m³]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[szt]	[kg]
3	1 250	2 300	4 600	5	5	5	5	1	1 120
5	1 250	3 900	6 200					1	1 800
3	1 600	1 500	9 300	5	5	5	5	2	680
5	1 600	2 500	10 300					2	1 160
8	1 600	4 000	11 800					2	2 260
10	1 600	5 000	12 800					2	2 950
13	1 600	6 500	14 300					2	3 700
16	1 600	7 900	15 700					2	4 700
10	2 000	3 000	18 800	6	6	6	6	2	2 260
13	2 000	4 000	19 800					2	2 600
16	2 000	5 000	20 800					2	2 950
19,7	2 000	6 000	21 800					2	3 400
25	2 000	8 000	23 800					2	4 000
30	2 000	9 500	25 300					2	4 800
35	2 000	11 000	26 800					2	6 200
20	2 500	4 000	26 000	6	6	7	7	2	4 900
25	2 500	5 000	27 000					2	5 600
30	2 500	6 000	28 000					2	6 900
40	2 500	8 000	30 000					2	7 750
50	2 500	10 000	32 000					2	9 100
60	2 500	12 000	34 000					2	10 500
70	2 500	14 000	36 000					2	10 500
30	2 900	4 100	26 100	7	7	9	9	2	6 500
40	2 900	6 000	34 000					2	9 100
50	2 900	7 500	35 500					2	10 500
60	2 900	9 000	37 000					2	12 400
70	2 900	10 500	38 500					4	13 400
80	2 900	12 000	40 000					4	14 400
100	2 900	15 000	43 000					4	16 940
120	3 000	17 000	17 960	7	7	9	9	4	19 200

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



TANK'S TECHNICAL SPECIFICATION

general information	- 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, dry, vacuum or overpressure method of leakage detection system
standard	accordance with EN-12285, DIN 6608
construction	horizontal, cylindrical tank
material	certified carbon steel S235JRG2
number of compartments	1 - 8
capacity (m³)	from 3 to 200 m³
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	- storage of fuels at fuel distribution points - storage of other flammable, caustic or poisonous liquids



Producer:

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

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