

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 |
| 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 | |
| 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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