

SNIGO

MODULAR POLYETHYLENE TANKS





High quality production

SNIGO tanks are manufactured from polyethylene by modern process of rotational moulding. The automatic production method ensures the perfect stability and allows to avoid manufacturing failures caused by human factor. All finished products are made with the highest accuracy. Polyethylene material used for the production can be easily recycled thus reducing waste and environmental impact.

Incomparable flexibility

SNIGO underground polyethylene tank is a perfect solution for many applications: domestic wastewater treatment, rainwater harvesting etc. Standard cylindrical modules are connected to get the required size of the tank. The tank volumes from 1000 to 12000 liters are manufactured to suit to the customer needs. SNIGO tanks can also be supplied with the integrated baffles. To facilitate the installation the inlet and outlet pipes can be connected from the end or from the top.

TYPES OF SNIGO TANKS

SNIGO 1000

Volume: 1000 liters
Weight:
S - 67 kg | R - 107 kg



SNIGO 1600

Volume: 1600 liters
Weight:
S - 89 kg | R - 145 kg



SNIGO 2200

Volume: 2200 liters
Weight:
S - 110 kg | R - 183 kg



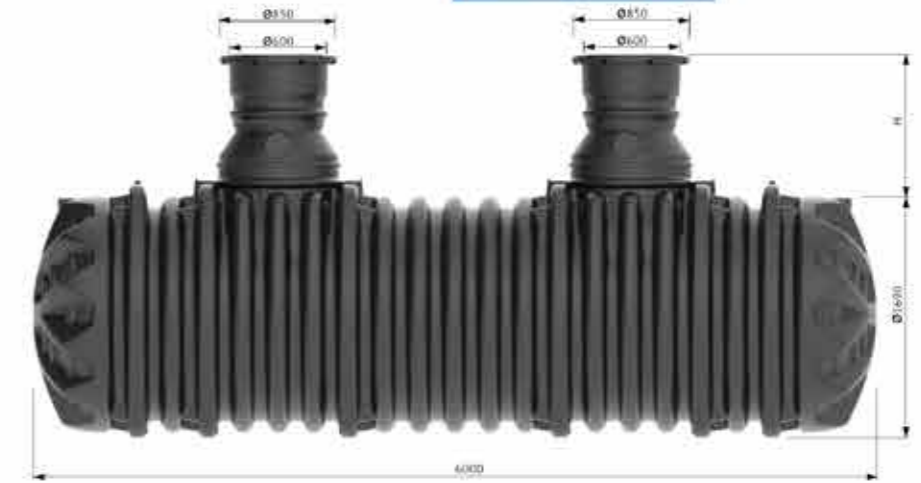
SNIGO 3200

Volume: 3200 liters
Weight:
S - 151 kg | R - 244 kg



SNIGO 12000

Volume: 12000 liters
Weight:
S - 434 kg | R - 695 kg



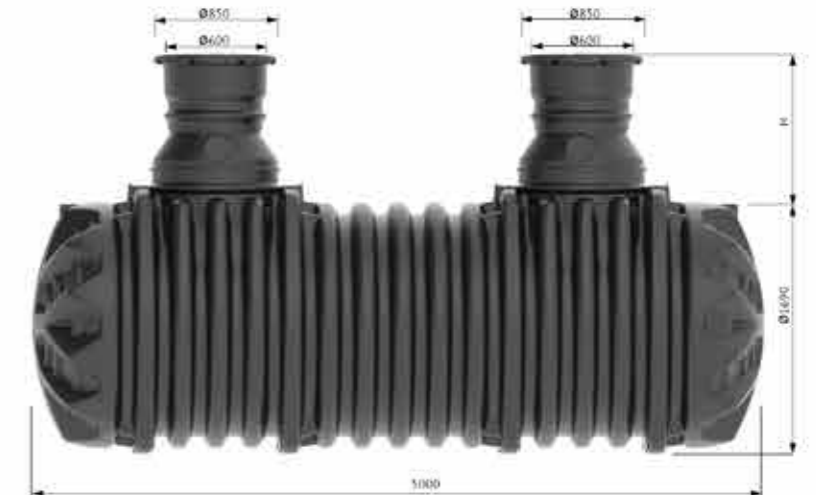
SNIGO 4600

Volume: 4600 liters
Weight:
S - 186 kg | R - 298 kg



SNIGO 10000

Volume: 10000 liters
Weight:
S - 359 kg | R - 574 kg



SNIGO 6600

Volume: 6600 liters
Weight:
S - 248 kg | R - 398 kg



SNIGO 8700

Volume: 8700 liters
Weight:
S - 324 kg | R - 518 kg



H - height of the manhole shaft from the ground to the bottom of the inlet.
For standard SNIGO tanks H= 750...1500 mm, for reinforced SNIGO tanks H= 1500...2500 mm.

CONSTRUCTION

Stiffness guaranteed

SNIGO provide a perfect load bearing capacity by keeping the low weight of the product. The great stiffness of the tanks is achieved thanks to advanced design and structure of the ribs. Consistent quality of the product is ensured by the automatic manufacturing method. SNIGO is designed to withstand the heavy ground loads without any significant deformations. The tanks are groundwater-stable as well.

Design inspired by nature

SNIGO distinguished by the unique exterior design together by well-established British specialists. By developing the tanks the natural shapes have been implemented. The shape of a snowflake reflected in the tank's design is not only very elegant but also providing great resistance to the external loads.



Watertight to the ground surface!

SNIGO is equipped with two special seals. The first seal is located between tank body and manhole shaft, the second seal is between the manhole dome and telescope. The seals ensure that no liquid droplet will penetrate into the tank or from the tank.

Adjustable maintenance shaft

Telescopic maintenance shaft is designed to adjust the manhole cover flush with the ground surface. The adjustment is helping the cover to avoid becoming an obstacle by cutting the grass or by making the paving. The height of the shaft can be adjusted in the range of 200 mm. The shaft is designed for connection with standard polyethylene or cast iron covers for load



Integrated ladder

SNIGO's manhole shaft is equipped with the integrated ladder ensuring easy and safe access into the manhole.



SNIGO-D

LARGE CAPACITY TANKS

Double-skin polyethylene tanks for storage of water, sewage and chemicals



Volume 20 to 100 m³

Benefits

- Complete watertightness
- Guaranteed stiffness
- Long-term durability
- Resistance against corrosion
- Good chemical resistance
- UV resistance
- Low weight
- Easy installation

Applications

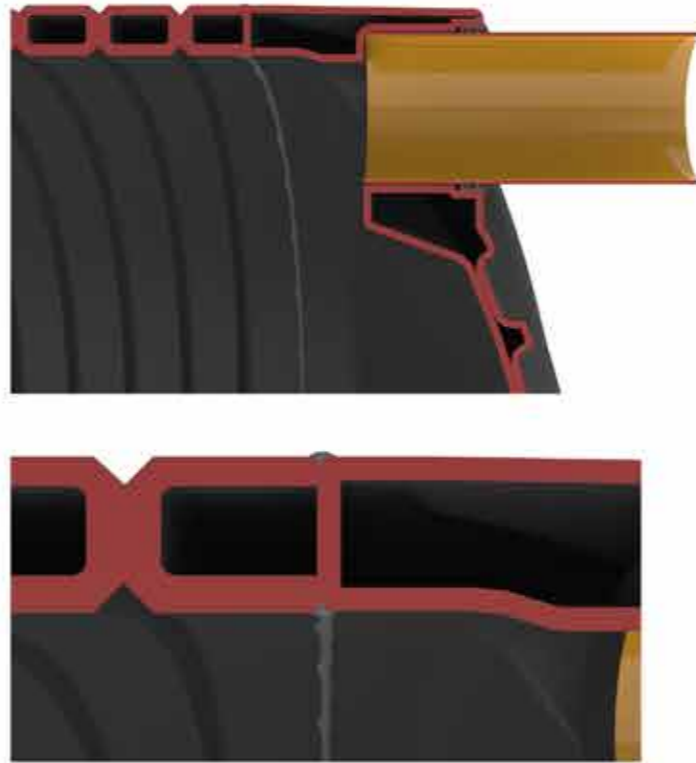
SNIGO tanks are used for collection and storage of following liquids:

- domestic and municipal wastewater,
- rainwater and fire-fighting water,
- drinking water,
- liquids for agriculture and food industry,
- liquid waste,
- aggressive industrial fluids.

DESIGN

Great stiffness of SNIGO-D polyethylene tanks is ensured due to double-wall structure and layout of the ribs. Spherical snowflake-shaped endparts are connected to the body by double welded connection thus reinforcing the edges of the tank. Robust design of SNIGO-D tank allows to withstand the heavy ground and groundwater loads without any noticeable deformations. One or few telescopic maintenance shafts can be fitted to the tank. The shafts can be equipped with plastic or cast iron lids for load classes from A15 to D400 according to EN 124. Inlet and outlet pipes can be connected from the end or from the top of the tank.

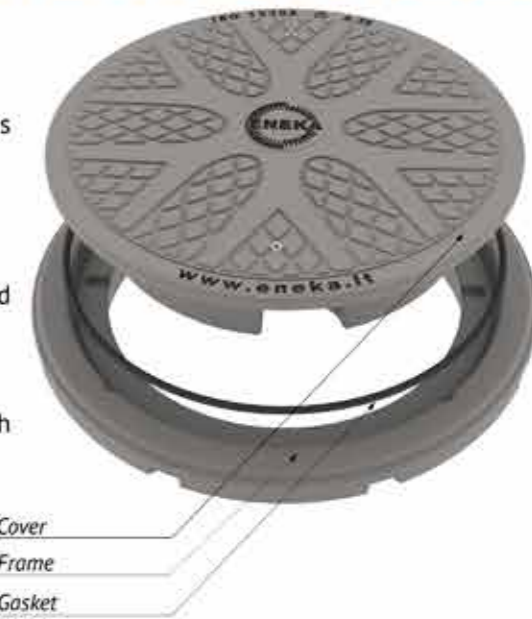
SNIGO-D tanks can also be manufactured with integrated baffles. Additional devices like closing valves, pumps and other process equipment can be installed in the tank.



Volume m ³	20	30	40	50	60	70	80	90	100
Diameter D, m	2,4	2,4	2,4	2,4	3,3	3,3	3,3	3,3	3,3
Length L, m	5,9	8,5	11,2	13,8	9,2	10,7	12	13,5	14,9
Weight, kg	1300	1750	2250	2740	3460	4000	4500	5050	5550

LIDS ENEKA DN600 & DN800

- The manhole lid consists of cover and frame.
- Two childproof stainless steel locks secure the cover into place.
- Application: inspection chambers in drainage and sewerage systems, mains water, communications manholes and other pipeline access products.
- Surface pattern provides antislip resistance.
- Good water runoff: no ice formation on the surface in winter.
- Integrated gasket (option): prevention of inflow into sewer system and containment of the odors from sewer.
- Simple combination with paving slabs.
- Light weight: easy to handle, no risk of worker injuries in comparison with cast iron or concrete covers.
- Durable: no corrosion or rust.
- Easy opening: no special tools.
- Plastic material eliminates the manhole lid theft.



**ISO15398
EN124-6**

Manufactured and tested according to requirements of the latest international standard ISO 15398:2012 and EN124-6:2015.



Installation: areas used by pedestrians, pedal cyclists and light vehicles on private household driveways (not part of the public highway).



The cover has successfully passed the low temperature impact test therefore it can be employed in regions of colder climate.



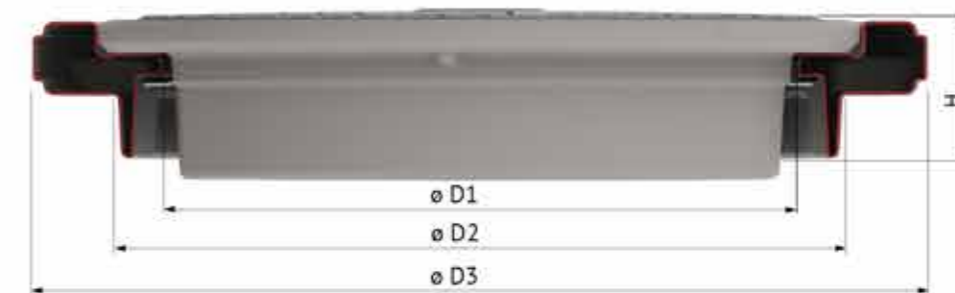
The product is certified by the international certification company TÜV-Süd. Stiffness is verified by the load and impact tests.



Special UV-resistant raw material enables application of the cover in regions with higher UV-radiation.



Polyethylene used as raw material for manufacturing can be easily recycled and reused reducing waste and environmental impact.



	DN600	DN800
Standard:	EN124-6:2015/ISO 15398:2012	EN124-6:2015
Dimensions (D1xD2xD3xH):	600 x 687,5 x 850x130	776 x 800 x 933x130
Weight:	13 kg	20,5 kg
Material:	Polyethylene.	Polyethylene.
Color:	Black, UV-resistant.	Black, UV-resistant.
Load class:	A35 (3,5 t).	A15 (1,5 t).
Locks:	2 pcs made of stainless steel	2 pcs made of stainless steel.

All dimensions and weights are approximate as subject of manufacturing tolerances.



UAB ENEKA export map



**Experience
Since
1998 y.**

Manufacturing of Oil/Water
separators
Grease separators
Pumping Stations
Waste Water Treatment Plants



Certificates

ISO 9001
ISO 14001
ISO 45001
SINTEF
SINGAPORE GREEN
BUILDING PRODUCT



Services

Custom Rotational Molding
Design and Manufacturing
of unique plastic products
according to customer needs

WE SPECIALIZE IN:

**WASTEWATER
TREATMENT
PLANTS**

**OIL/WATER AND
GREASE
SEPARATORS**

**RAINWATER
HARVESTING
SYSTEMS**

**POLYETHYLENE
TANKS**



Vandžiogalos pl. 94D, LT-47467 Kaunas, Lietuva
+37037377441 | info@eneka.lt | eneka.lt