



#### EXPERIENCE SINCE 1998 Y.

Manufacturing of  
Oil/Water Separators,  
Grease Separators,  
Pumping stations,  
Wastewater Treatment  
Plants



#### CERTIFICATES

CE  
TÜV SÜD  
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

#### PRESERVING WATER FOR FUTURE GENERATIONS



WASTEWATER  
TREATMENT PLANTS



OIL/WATER AND  
GREASE  
SEPARATORS



RAINWATER HARVESTING  
SYSTEMS



POLYETHYLENE  
TANKS



## MODULAR POLYETHYLENE TANKS

# SNIGO





## TYPES OF SNIGO TANKS

High quality production

Incomparable flexibility

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 easly recycled thus reducing waste and environmental impact.

SNIGO underground polyethylene tank is a perfect solution for many applications: domestic wastewater treatment, rainwater harvesting etc. Standart 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.



SNIGO-1000



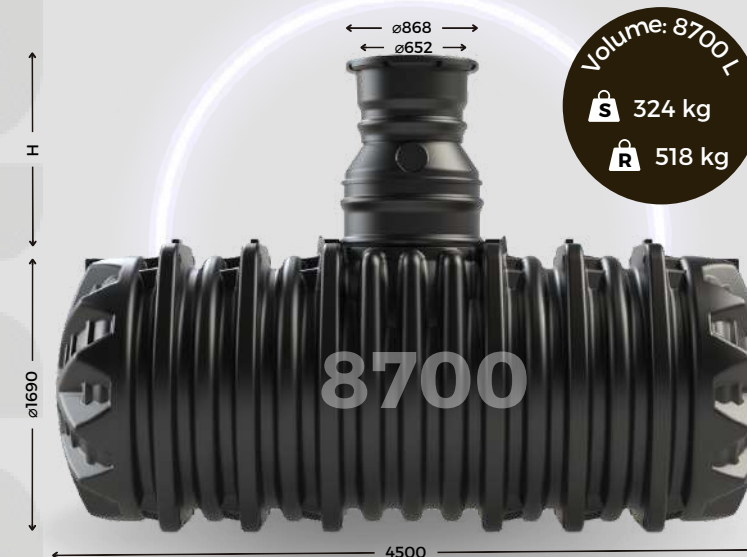
SNIGO-6600



SNIGO-1600



SNIGO-3200



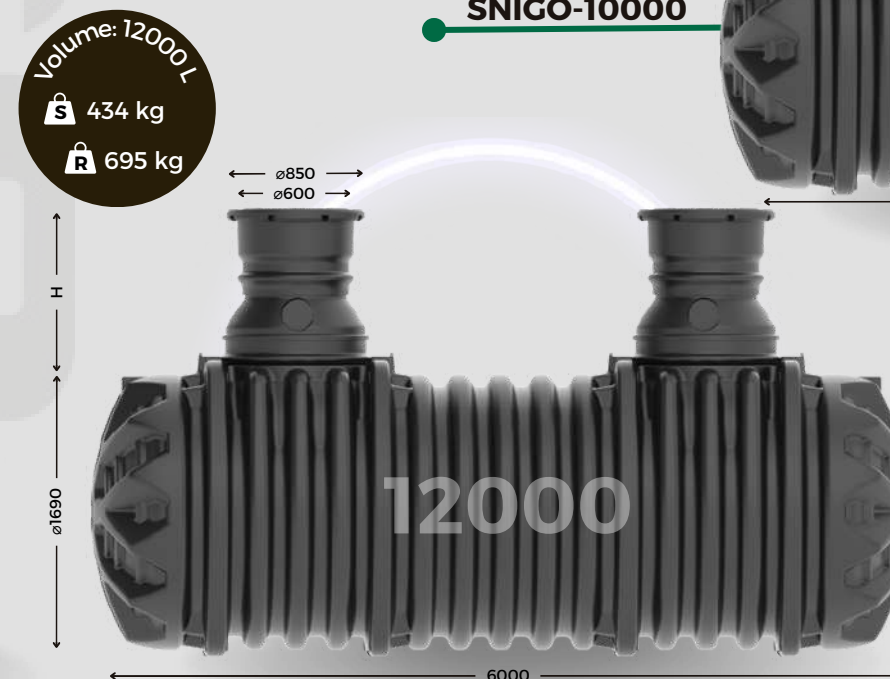
SNIGO-8700



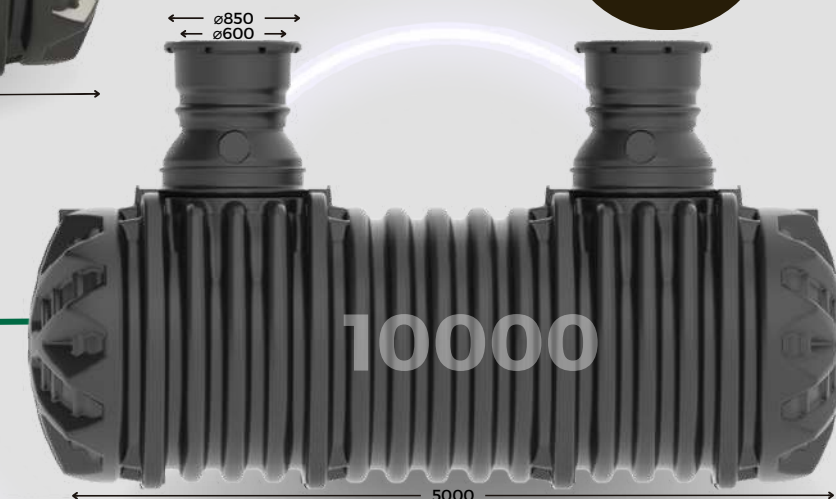
SNIGO-2200



SNIGO-4600



SNIGO-12000



SNIGO-10000

\*H - height of the manhole shaft from the ground to the bottom of the inlet.

\*For standart SNIGO tanks H=750...1500 mm, for reinforced SNIGO-R 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 the 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 no significant deformations. The tanks are groundwater-stable as well.



## DESIGN INSPIRED BY NATURE

SNIGO distinguished by the unique design made by well-established British specialists. By designing 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 the 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 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 and vertical chamber 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



## 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.



## BENEFITS

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



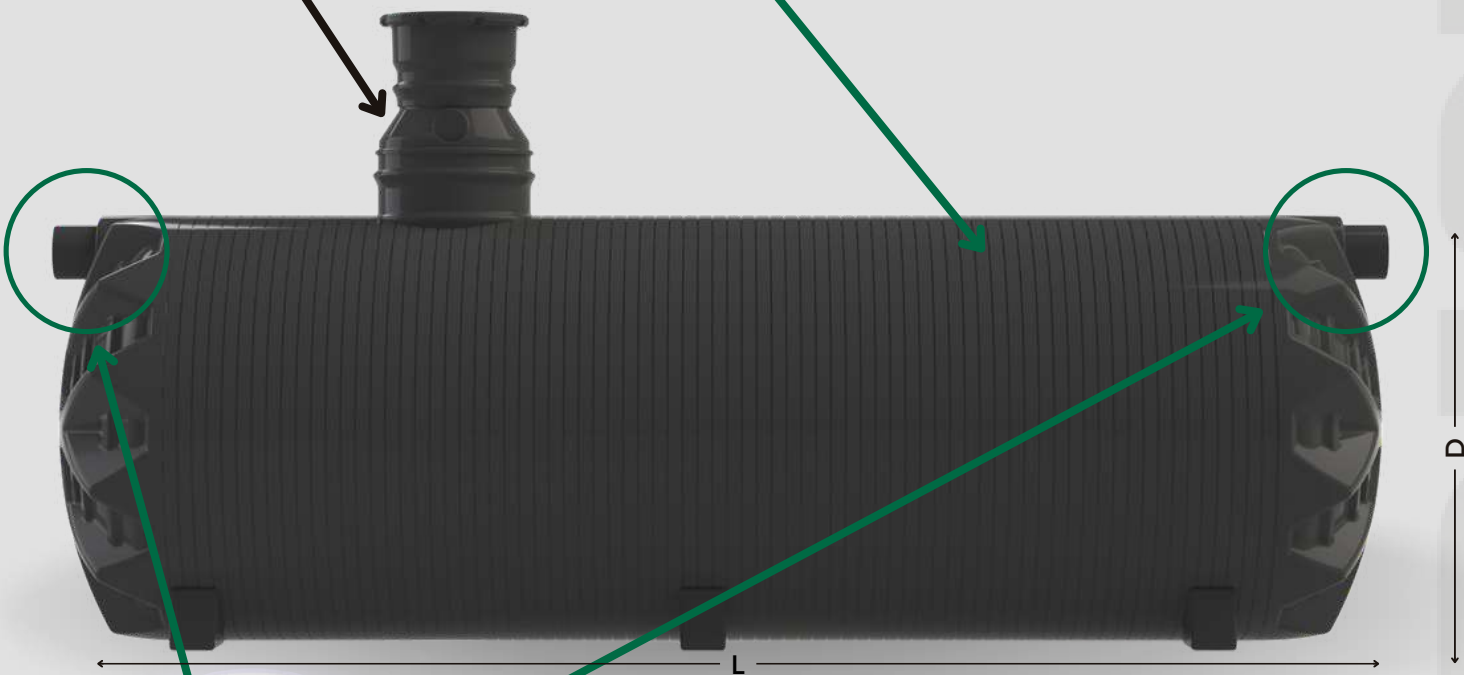
# SNIGO-D

## DESIGN

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.



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.



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.

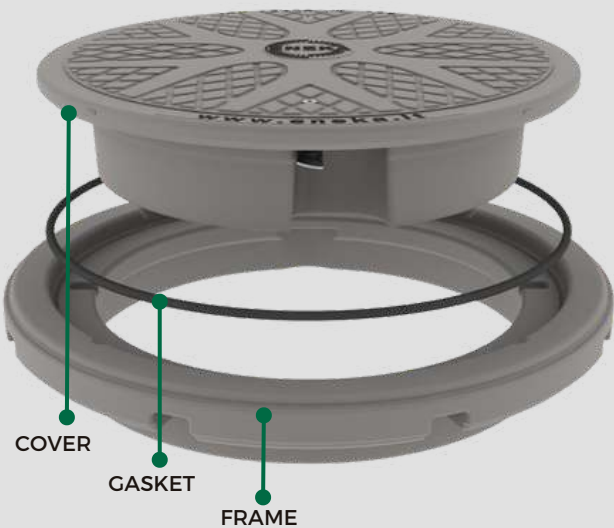
Volume m <sup>3</sup>	20	30	40	50	60	70	80	90	100
Diameter D, m	2,4	2,4	2,4	2,4	3,3	3,3	3,3	3,3	3,3
Length, L, m	5,9	8,5	11,2	13,8	9,2	10,7	12	13,5	14,9
Weight, kg	1300	1750	2250	2740	3460	4000	4500	5050	5550

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

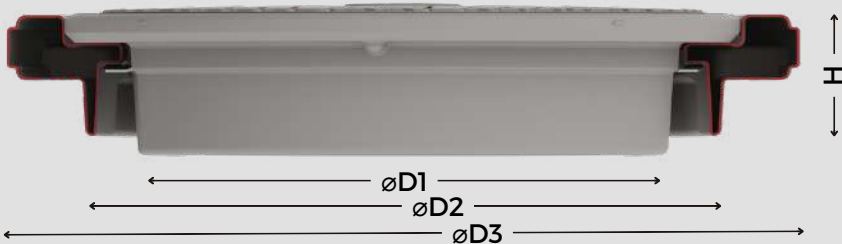


## LIDS ENEKA DN600 & DN800

- 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.
- Integrated gasket (option): prevention of inflow into sewer system and containment of the odors from sewer.
- Good water runoff: no ice formation on the surface in winter.
- Surface pattern provides antislip resistance.
- Light weight: easy to handle, no risk of worker injuries in comparison with cast iron or concrete covers.
- Simple combination with paving slabs.



- Durable: no corrosion or rust.
- Easy opening: no special tools.



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).



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



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.



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

	DN600	DN800
Standard	EN124-6:2015/ISO 15398:2012	EN124-6:2015
Dimensions (D1xD2xD3xH)	600 x 687.5 x 850 x 130 mm	776 x 800 x 933 x 130 mm
Weight	13 kg	20,5 kg
Material	Polyethylene	Polyethylene
Color	Black, UV-resistant	Black, UV-resistant
Load class	A35 (3,5t)	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.