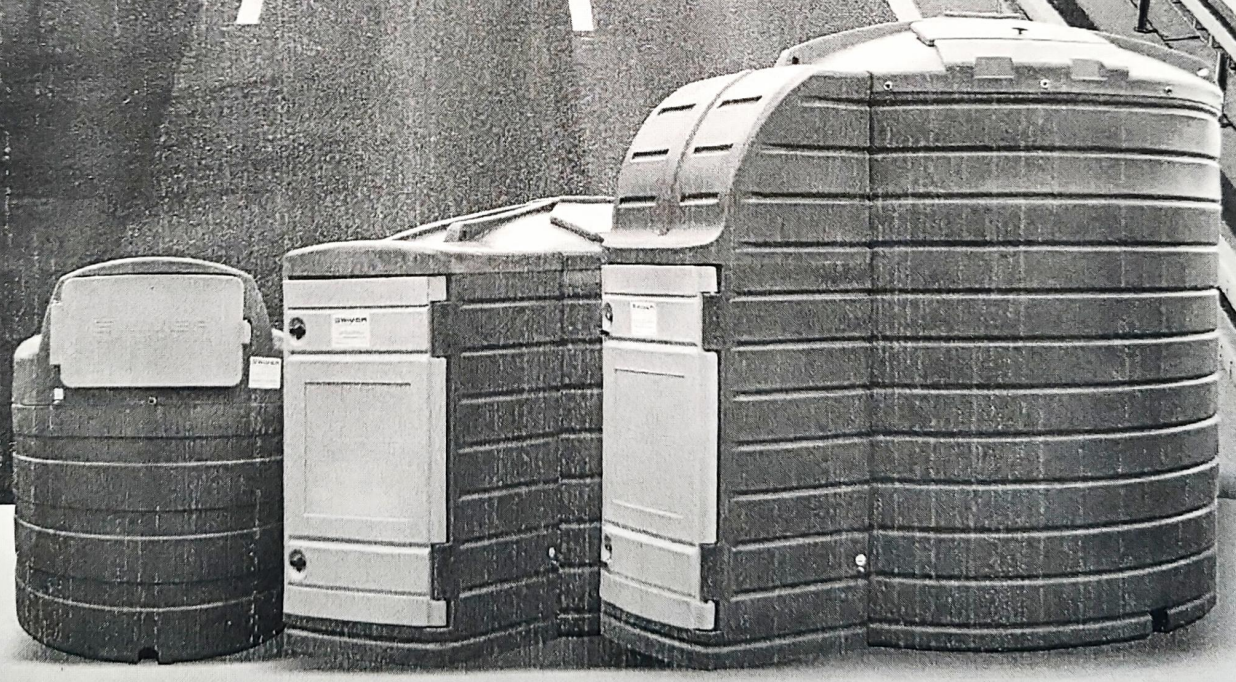


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# (SWIMER® Tanks & Hoses

User guide and technical informations  
Swimer Tank  
Swimer Tank ECO-Line



# User guide and technical informations

## Swimer Tank Swimer Tank ECO Line

### 1. General informations

#### 1.1 Apart from these instructions, the user should consider the following documents:

- Manufacturers user guides of the parts of dispenser system (pump, flow meter etc.)
- User guide of overfill protection
- User guide of bund alarm (if it is mounted)

Furthermore the user is obligated to obey the nationally, region construction and water law.

#### 1.2 Application and construction of the tank.

The tanks Swimer Tank 2500l, 3500l, 5000l, 7500l, 10000l and Swimer Tank Eco Line 1500l, 2500l, 5000l are made of polyethylene by rotational molding method. Design consists of two tanks – inner tank is inside the outer tank which is as a sump tray.

The tanks Swimer Tank, Swimer Tank Eco Line are designed to pressureless storage.

- diesel
- heating oil
- Biodiesel
- AdBlue®

Allowed working temperature of the tank (polyethylene resistance) is from -20°C to +40°C. Working temperature for dispenser system parts according to manufacturers user guides.

In case of storage the tank with AdBlue® outside or in non-heating space in the winter time, because of that kind if liquid feature – crystallizing in temperature -11,5°C, tank manufacturer recommend to use thermal insulation or heating.

The tanks Swimer Tank, Swimer Tank ECO Line are factory equipped with connection to fill the tank (tanks for diesel and heating oil – vk50 connection, tanks for AdBlue – optional TODO connection), vents and dispenser system (pump, hose, nozzle etc.), clock gauge/level sensor (depend of the model), overfill protection and bund alarm (tanks for diesel and heating oil as a standard, the rest as an option).

### 2. Tank setting conditions.

The tank setting conditions for different kind of liquids are contained in local/national regulations about construction, water and fire protection law.

Tanks could be set in buildings or outside, but not in potentially explosive area (zone 0 and 1).

On floodplains tank must be set in the way to prevent flooding.

Before use the tank the user is obligated to place on the tank the plate with an indication of the stored liquid, its density and concentration.

The tank must be set on flat (leveled), even and stable surface made of non-flammable material.

The base needs to be wider and longer than the tank at least 30cm, and its thickness should be at least 5cm.

### 3. Tanks transport.

Transport and storage of Swimer Tank, Swimer ECO Line Tank tanks is possible only in case if the tanks is empty and protect from mechanical damage.

Loading, unloading and adjusting the tank should be done by specialized machines/vehicles (eg. Forklift).

The tank can not be scrape, drop and put on the sharp objects.

In case of damage the user must immediately inform the manufacturer.

### 4. Tank setting.

The tank must be set stable and uniformly adhere to the substrate. Before setting up the tank should be thoroughly cleaned. The space between the walls or the other buildings elements and the tank as well as from each other must be such, that at any time it could be possible to inspect the tank to detect leaks and to check the liquid level. The tank needs to be grounded.

#### 4.1 Setting the tank outside.

The tanks Swimer Tank, Swimer Tank ECO Line are allowed to set up outside.

By setting the tanks outside to ensure, that they are not exposed to excessive wind pressure and to influence other atmospheric factors to minimal as possible.

If tanks are exposed to wind load must be lashed to the ground.

If the tanks are set outside, the surface must be done with requirements for the construction law and do not pass liquid.

### 5. Tank filling.

Before use all of the connections should be check for leaks.

The device can only be filled to its rated capacity, which is 95% of maximum volume.

Not be allowed to overfill the tank. Before filling, check the condition of vk50 connection (if it is mounted), liquid level in the tank and tank cleanliness.

### 6. Refueling.

Before use please read and follow the user guide of the tank and make a visual inspection of the tank and devices. If the tank or any device or part of its equipment is damaged, the fault must be out of operation until the fault has been rectified.

It is recommended to use tanks with possibility of using the level sensor.

The maximum permissible speed filling machine is 350 L / min. Higher speeds will damage the mechanical overfill protection.

Before using, make sure, that there is a liquid inside the tank, because the "dry" work will damage the pump (if the pump is mounted in the tank).

The vehicle that will be refueled should be set as close to the device in a way that does not hamper the conduct of any evacuation from the fire-zone.

### 7. Vents.

The tanks Swimer Agro Tank, Swimer Agro Tank ECO Line for setting outside is pre-installed vent (2").

It is in the intrer tank (not visible from the outside) and serves to equalize the pressure in the tank during refueling and filling.

### 8. Diesel, heating oil, Biodiesel and AdBlue® overfill protection.

The tanks for diesel, heating oil, Biodiesel and AdBlue® are factorz equipped with overfill protection (limit sensor).

This device consists of a probe in the upper part of the inner tank and plugs, which must be connected to the signaling exceeding the maximum level, or automatically tripping the pump unloading at the tanker. The device protects the portable tank distributor overfill and overflow during refueling tank.

### 9. Maintenance and cleaning of the tank Swimer Agro Tank, Swimer Agro Tank ECO Line.

Tanks Swimer Tank, Tank Swimer ECO Line does not require any special maintenance or anti-corrosion agents. Possible sediment accumulating on the bottom of the tank could be sucked through the inspection hatch.

### 10. Warranty.

The manufacturer guarantees the strength of the material and enforced in accordance with the warranty. Warranty is conditioned upon exact

compliance with this manual guide the transport, installation and maintenance, and all points of laws.

**11. Attachments to the user guide:**

- declaration of conformity
- technical drawings
- warranty card
- user guides of dispenser system parts