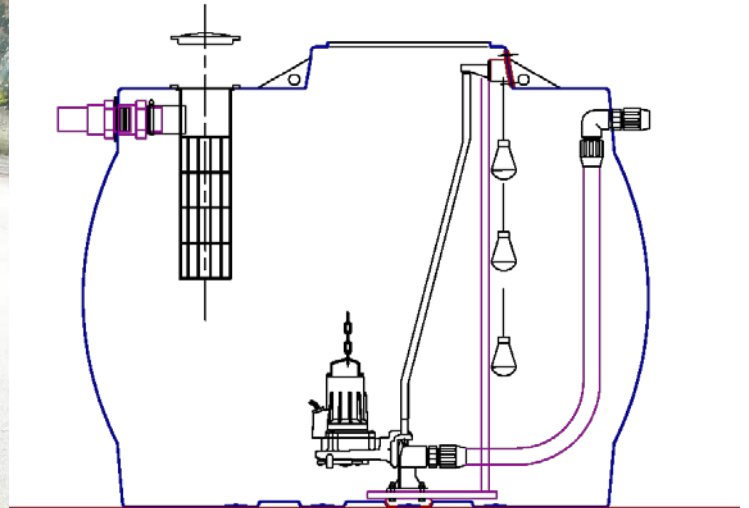


COMPACT WASTE WATER PUMPING SYSTEMS



**GREEN LIFT**



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GREEN LIFT stations are used for the accumulation and pumping of water. These pumping stations are designed in lightweight high density polyethylene which makes them easy to handle and install onsite.

Installed below ground, GREEN LIFT pump stations permit water to be conveyed, pumped, up to above ground water treatment plants. They can also function as equalization/homogenization chambers, a type of pretreatment, downstream of further treatment.

GREEN LIFT stations are supplied complete with submersible pump(s), piping, level regulators, control panel and all accessories necessary for service.

GREEN LIFT stations are ideal for installation in mobile or temporary settlements such as work camps, missions and villages.

**HOW IT WORKS**

GREEN LIFT stations are customized according to the project specifications and can be equipped with different types of pumps according to the type of water to be pumped and to the flow rate and head required. Usually grinding pumps are installed specifically to chop up large solids that might be found in civil waste water and thus avoid blockages in the pump station and following water treatment plants. As an additional measure, basket filters can be installed ahead of the pumps if required.

GREEN LIFT stations can be supplied with one or two pumps inside. The second pump allows for variable flowrates and guarantees back-up should maintenance be required on the other pump.

**Advantages:**

- EMWG lift stations come preassembled;
- GREEN LIFT stations are lightweight which facilitates easy handling and positioning onsite.

**Rapid installation:**

- Lightweight modules easy to unload, position and install;
- Once external connections are done the system can be considered ready to work;
- It is possible to unearth, clean and relocate the systems.

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**TECHNICAL DATA**

PARAMETERS	DATA
Water to be pumped	Civil waste water
Lift station volume	3 m <sup>3</sup> (*)
Lift station dimensions	2080 x 1600 x 1750 h mm
Type of electro pump installed	Grinder
Number of pumps installed	2 (*)
Flowrate	400 l/h (*)
Head	25 m (*)
Destination of pumped water	Further treatment or safe disposal
Installed power	2.4 kW (*)

(\*) = indicative data only, the lift station can be fully customized according to the client's requirements.

**SPARE PARTS & ACCESSORIES**

DESCRIPTION	AVAILABLE
UPVC piping with integrated connectors	✓ for external connections
Spare parts and consumables kits (1, 2 or 3+ year's supply)	✓
Training on-site or in Euro Mec Water Group facilities	✓
User and O&M manuals in languages other than English/Italian	✓

EMWG produces a wide range of water treatment plants which can be tailored to your needs.