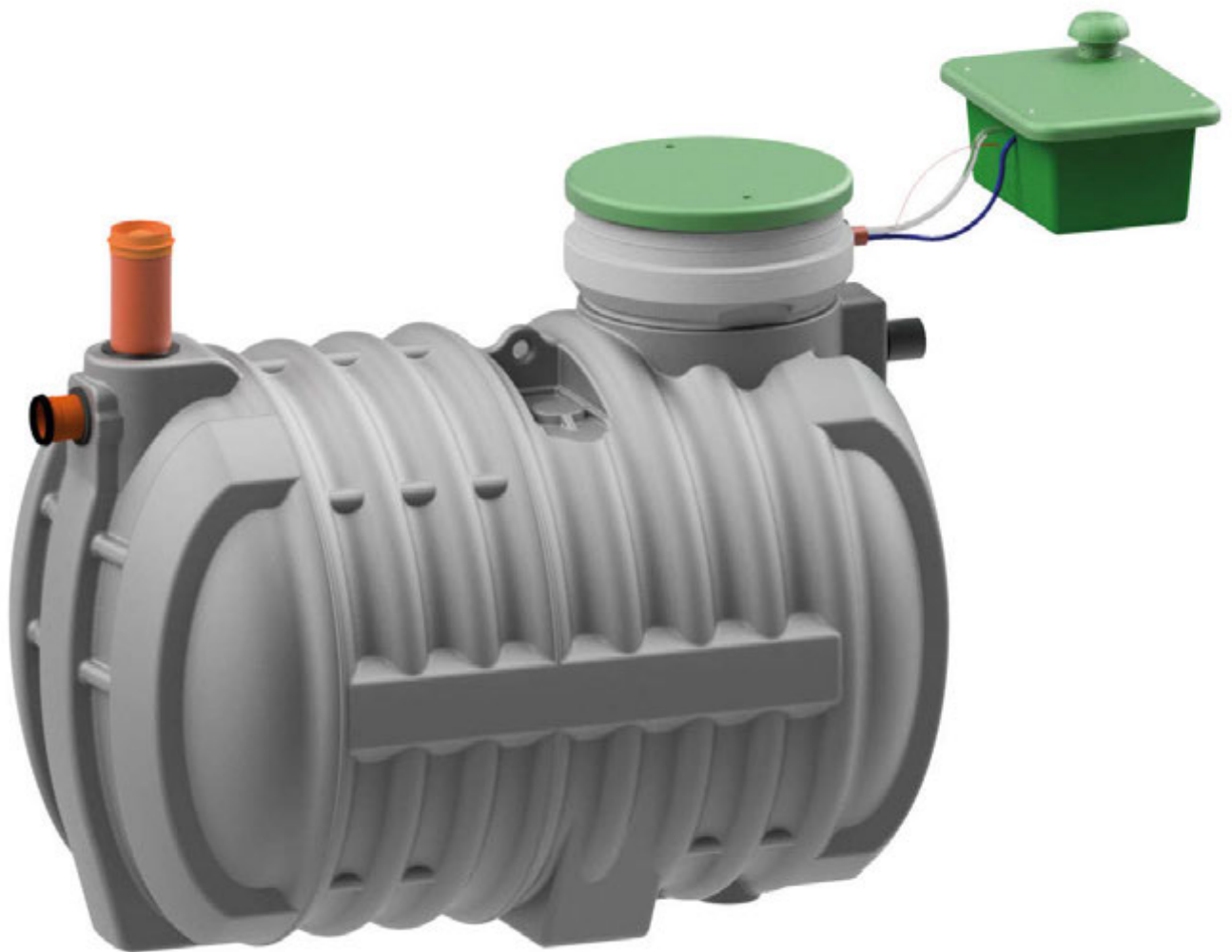


# Solido<sup>®</sup>

## SMART

The NEW generation in decentralised wastewater treatment



THE PARTNER OF CHOICE



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# The NEW Generation in Decentralised Wastewater Treatment.

The Solido® SMART from Premier Tech Aqua, is a decentralised wastewater treatment plant that is the perfect solution for residential and commercial projects where mains drainage is unavailable. Serving a population of up to 8PE and fast becoming the industry's system of choice; this low-profile unit offers a reliable design and low installation costs.

Installed to treat wastewater with minimal impact on the environment, typical applications include single dwellings, small communities or due to its very high performance, sites of special scientific interest (SSSI).

**Solido**®  
**SMART**

## Superior Technical Performance

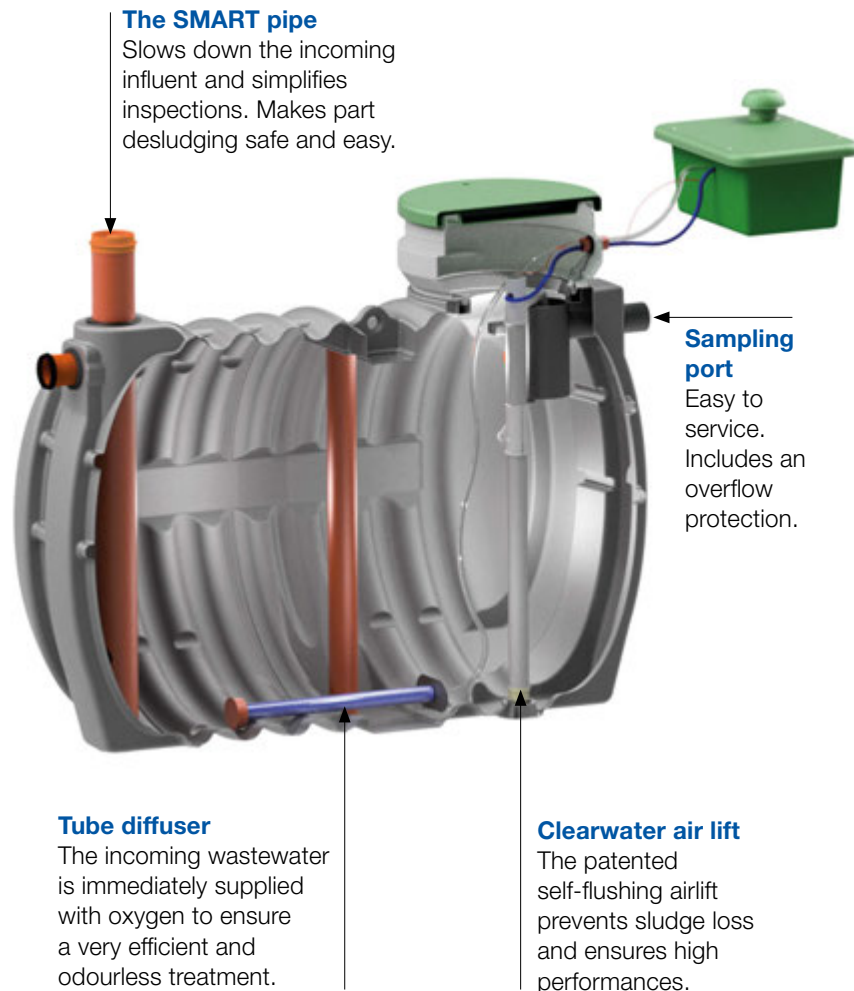
The highly successful Solido SMART is designed and tested in accordance with EN12566-3:2009 and in compliance with S.R. 66:2015. This plant will produce a final effluent quality better than 10:20:5 (BOD:SS:NH3) with a CE mark for 5:13:0.7

# Solido® SMART - State of the art SBR Treatment

## Advanced Technical Qualities

The Solido SMART solution makes decentralised wastewater treatment easier and more efficient than ever. Trust its high-quality design and durable components to provide long-term performances and peace of mind for you and your family.

- Low operational cost, offering you long term savings.
- Discrete and silent treatment plant.
- Reduced installation and maintenance costs, Solido SMART tanks are lightweight, compact and have low installation depth requirements.
- Fully CE marked. Designed and tested in accordance with EN 12566-3 and S.R. 66:2015.
- HDPE material - durable, recyclable and impact resistant.



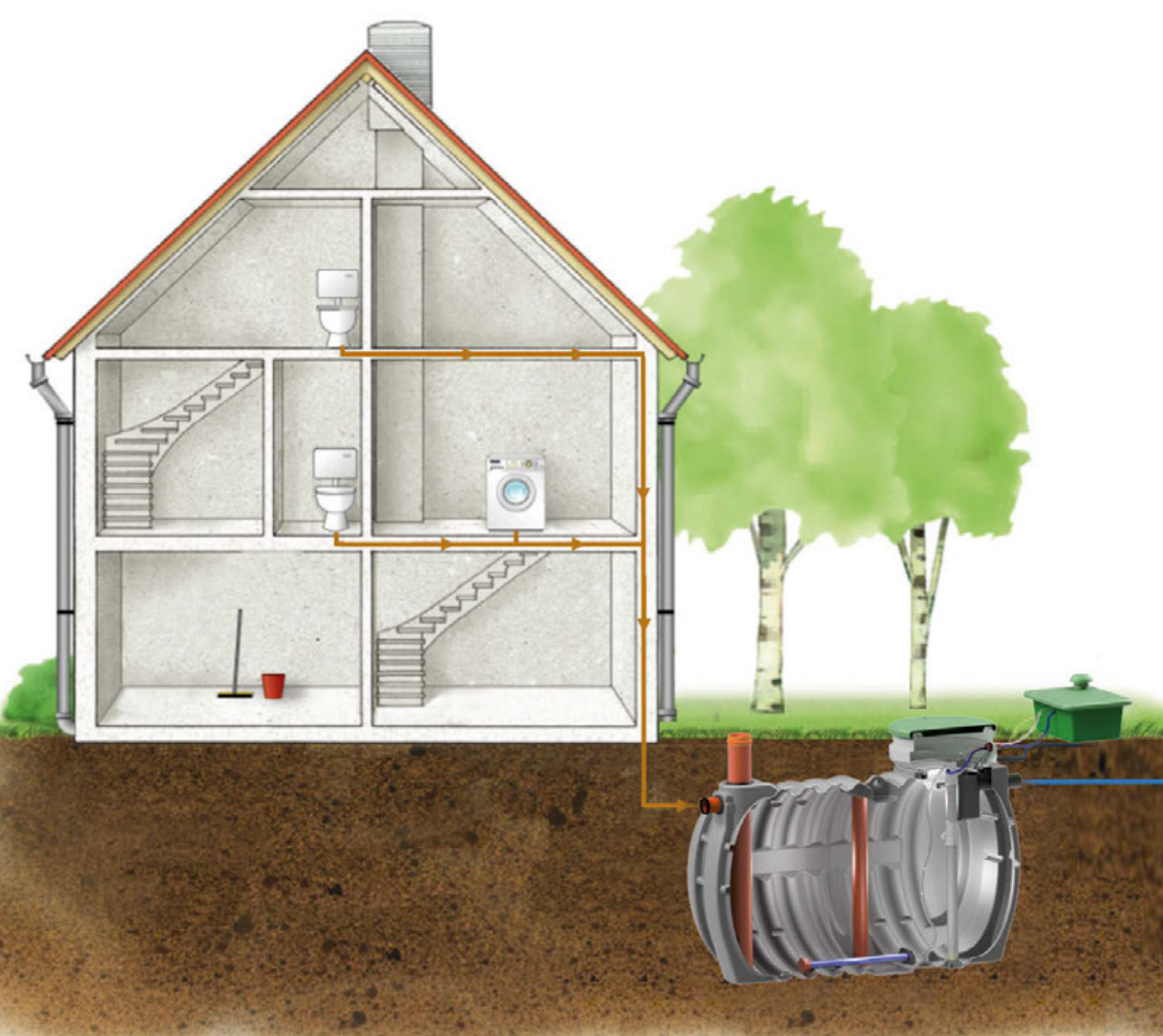
## How it works

Solido SMART combines the benefits of an ultra-compact solution with the trusted performances of Solido technology. Integrating with SBR technology comparable to large municipal applications, the proven technology operates with direct aeration of the wastewater and without the need for primary treatment. This simple principle provides efficient wastewater treatment results without the emission of any odours.

## Peripherals available

### Extension Kit

Deeper inverts can be accommodated by means of extension shafts. Extension shafts available can be supplied in 150mm and 300mm increments to give a maximum crown of tank burial depth of 1000mm.



	Length (m)	Width (m)	Height (m)	Weight (kg)	ø access (mm)	INLET height to base (m)	OUTLET height to base (m)	Pipe Diameter (mm)	Height (m)
m <sup>3</sup> (6 - 8 PE)	2.42 m	1.47 m	1.50 m	150 kg	600 mm	1.34 m	1.32 m	100 mm	0.3 m

## Installation

The Solido SMART Sewage Treatment Plant requires a relatively low cost and easy installation process. As the tank is super reinforced, concrete is not needed and the tank can be fully installed in free flowing granular backfill.

Premier Tech Aqua work closely with a nationwide network of installation partners and detailed installation guidelines are provided with each product.

All electric work should be carried out in accordance with current regulations.

WASTEWATER | RAINWATER HARVESTING | STORMWATER | STORAGE | PUMP STATIONS