

PP STORAGE TANK – S60.300 – S80.600

The units S60.300 and S80.600 are cylindrical tanks whose dimensions are respectively Ø 700 x H 1900 mm. (about 300 l. of capacity) and Ø 1000 x H 1900 mm. (about 600 l. of capacity), having two specific functions:

- temporary stocking the wastewater (water + ground food waste) coming from the free-standing waste disposal units (commercial food waste disposers)
- keeping an uniform density of the wastewater by means of a mixer with geared motor installed on the top of it



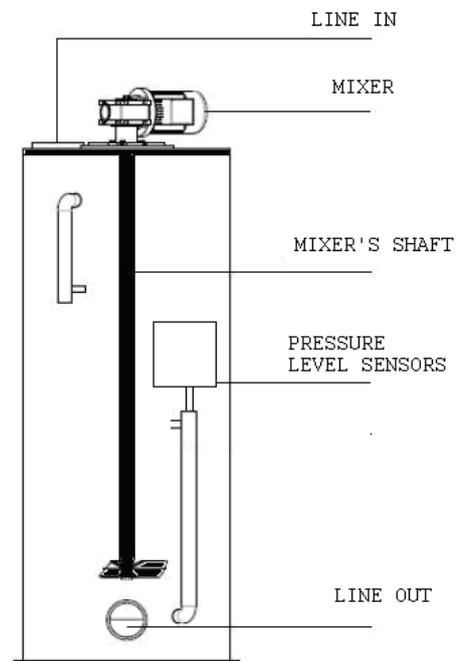
WORKING PRINCIPLE

The Storage Tank unit is designed to work remotely in a modular system (multiple free standing waste disposal units connected via a dedicated drainage line to a temporary storage tank and then to one or more de-watering units).

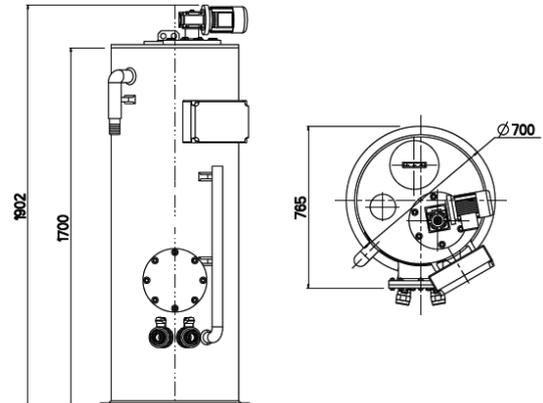
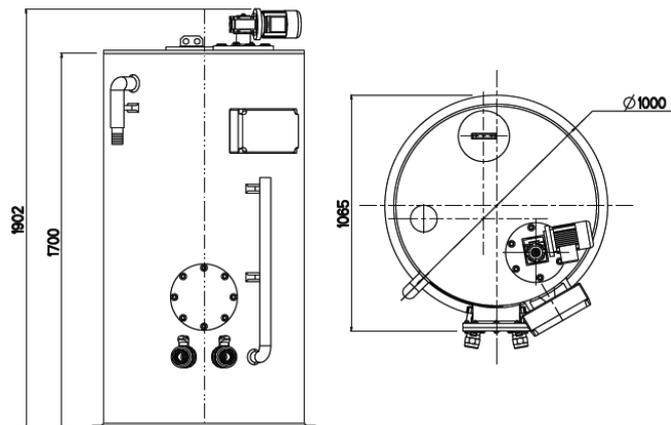
The wastewater (a mix of ground food waste and water) coming from food waste disposers reaches a temporary storage tank through a dedicated drainage line.

Here a mixer provides stirring the wastewater to prevent the setting-up of sediments.

The pressure level sensors record the pressure differences inside the tank and send appropriate signals to the PLC control panel of the dehydrating area determining the emptying of the tank, by means of a pump, and the starts of the dewatering unit which will perform the hydro-extracting process.



Overall dimensions and technical features

<p>S60.300</p> <p>Base : Ø 700 mm. Height : 1902 mm. Capacity: 300 l.</p>									
<p>S80.600</p> <p>Base : Ø 1000 mm. Height : 1902 mm. Capacity: 600 l.</p>									
<p>Mixer with geared motor: 0,22 kW</p> <p>Connections required:</p> <table data-bbox="102 1612 1527 1825"> <tbody> <tr> <td>Tank inlet opening</td> <td>Ø 110</td> </tr> <tr> <td>Tank drain outlet</td> <td>hose holder Ø 50</td> </tr> <tr> <td>Pump inlet</td> <td>hose holder Ø 50</td> </tr> <tr> <td>Overflow outlet</td> <td>hose holder Ø 40</td> </tr> </tbody> </table> <p>Warranty: 1 Year</p>		Tank inlet opening	Ø 110	Tank drain outlet	hose holder Ø 50	Pump inlet	hose holder Ø 50	Overflow outlet	hose holder Ø 40
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All the working parts of the unit are in compliance with CE rules, in particular the **PP STORAGE TANK: S60.300 - S80.600** is complying with the following pertinent rules and technical specification:

EC Machine Directive 2006/43/CE

EMC Directive 2004/108/CE – Electromagnetic compatibility directive

Main technical standards applied: **UNI EN ISO 12100-1 - UNI EN ISO 13857 - UNI EN 954-1 - CEI EN 60204-1**