



**SUNCOMBE**  
CIP, BIOWASTE & PROCESS SOLUTIONS

***pH Neutralisation  
Skids***



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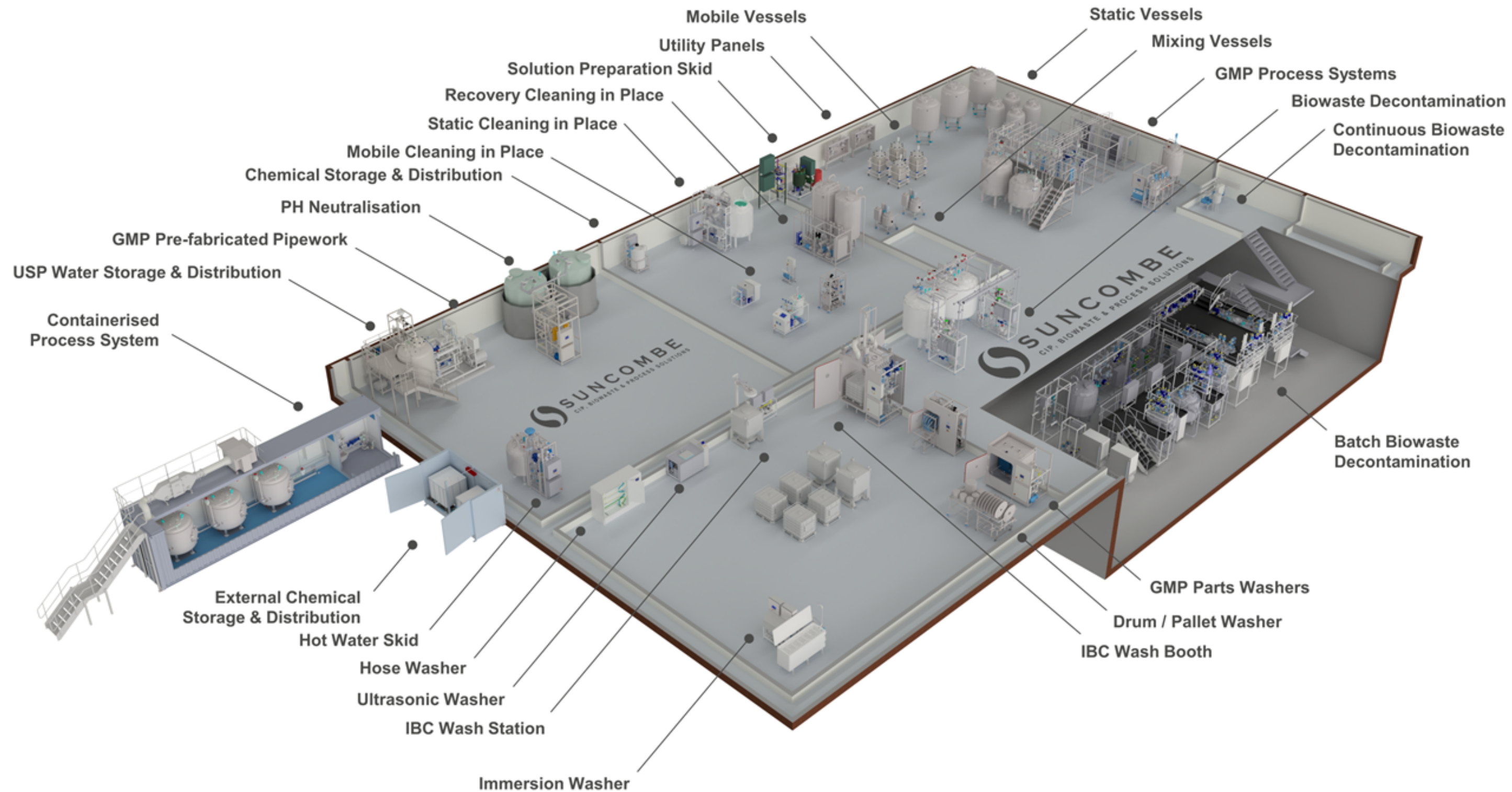
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**Typical Manufacturing Standards**

- Generally Sanitary Construction.
- 316 stainless steel pipework contact parts, 304 non-contact parts, T.I.G. Welding

See Manufacturing Standards Datasheet for full details

**Typical Equipment**

- HDPE Neutralisation Tanks
- 316 Stainless Steel pipework
- 316 Stainless Steel Valves, manual and air operated
- High flow pumps
- Calibrated Instruments

See Equipment Standards Datasheet for full details

**LEAN Technology**

Adopting LEAN principles, Suncombe systems are developed to minimise utility usage, whilst ensuring the safety of the operators and the efficiency of the processing. Our automated systems are configured to incorporate LEAN principles including Overall Equipment Effectiveness, Energy Lean and minimise downtime maintenance.

**Testing**

The equipment would be fully wet and dry tested and test results would be documented in the **'Pre-Factory Acceptance Test' (FAT)** protocol. Following successful completion of this protocol, the client will be invited to the FAT test, where all tests can be repeated or the pre-FAT tests results can be used.

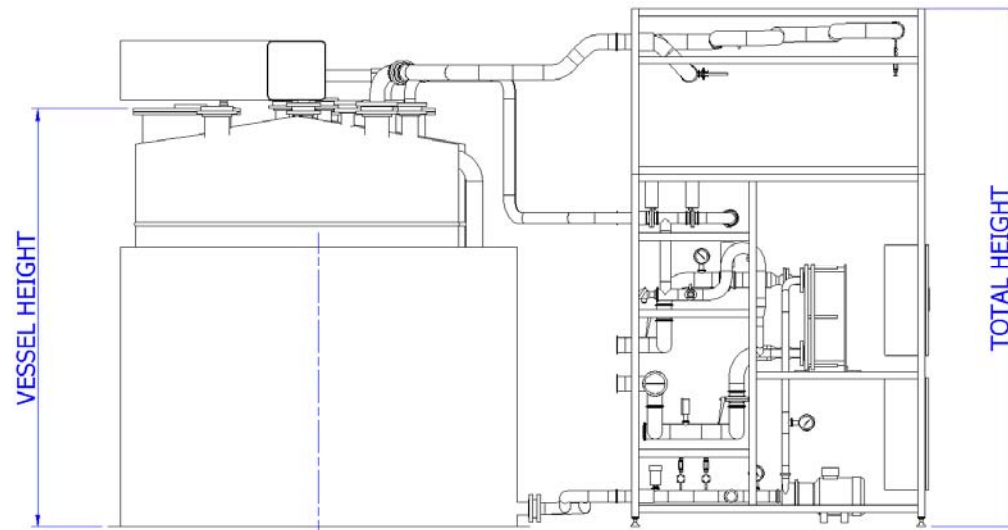
**Custom Versions and Layouts**

Custom versions and layouts are available, including systems with one, two, three or more tanks with layouts to suit your space availability.

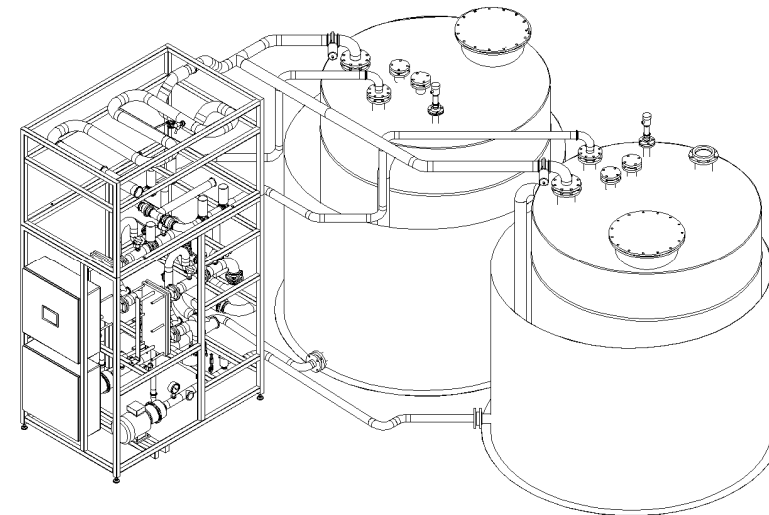
**Automation System**

The Integrated automation is designed to be operator friendly and simple to use whilst providing flexibility and optimisation. Reliable and robust, they have been developed over the last 20 years, they encompass all elements required to provide a controllable, repeatable automatic system. A range of automation levels are available, starting from entry level, through mid level PLC and HMI versions, to advanced validateable systems. All levels provide a repeatable automated cycle.

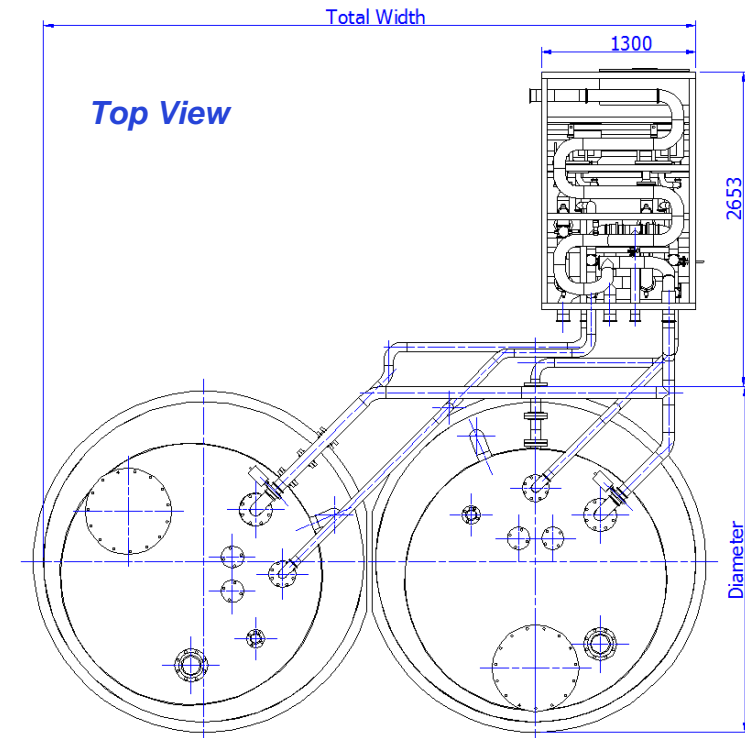
See Automation Datasheet for full details



Side View



3D View



Top View

Part #	Duty Details			External Dimensions mm			
	Tank Volume (litres)	Max. Inlet Flowrate (litres per minute)	Outlet Pressure (barg)	Width	Diameter	Total Height	Vessel Height
<a href="#">SUNpH™1000/2</a>	2 x 1000	150	0 - 3	4653	2000	2300	1500
<a href="#">SUNpH™1500/2</a>	2 x 1500	250	0 - 3	4953	2300	2300	1500
<a href="#">SUNpH™2000/2</a>	2 x 2000	400	0 - 3	4953	2300	2500	2000
<a href="#">SUNpH™3000/2</a>	2 x 3000	400	0 - 3	5153	2500	2900	2500
<a href="#">SUNpH™4000/2</a>	2 x 4000	1000	0 - 3	5453	2800	2900	2500
<a href="#">SUNpH™5000/2</a>	2 x 5000	1000	0 - 3	5553	2900	2900	2500
<a href="#">SUNpH™6000/2</a>	2 x 6000	1000	0 - 3	5553	2900	3200	2800
<a href="#">SUNpH™10000/2</a>	2 x 10000	1250	0 - 3	5553	2900	3300	2900