



**SUNCOMBE**  
CIP, BIOWASTE & PROCESS SOLUTIONS

# *BoothWasher™*



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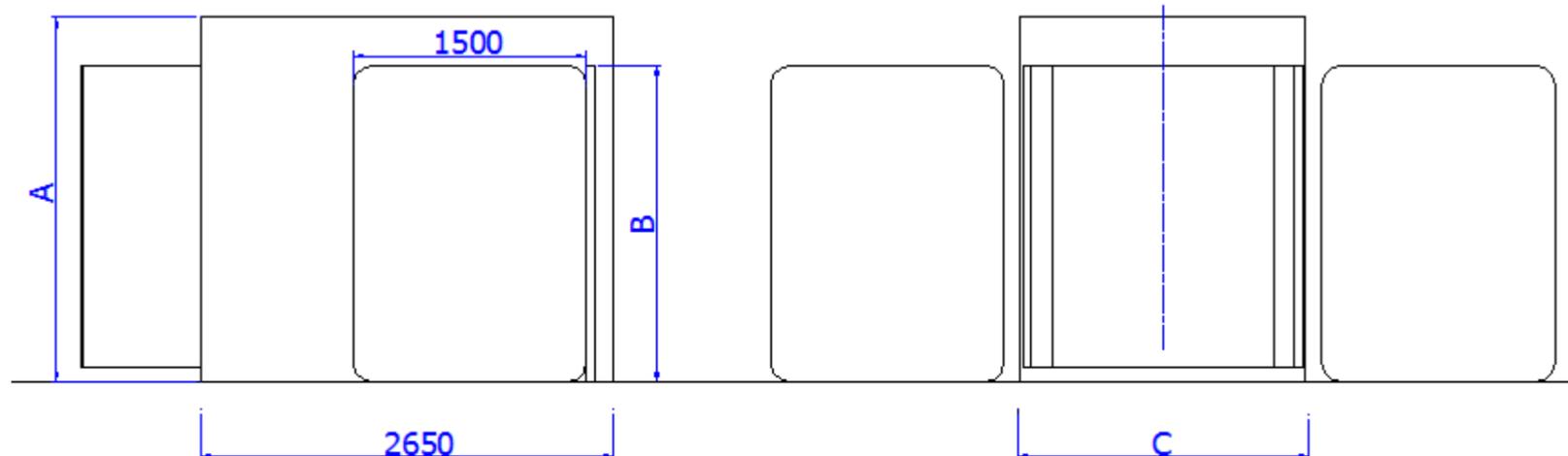
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### BoothWasher™ Introduction

Developed over the last 30 years, Suncombe BoothWasher™s are multipurpose washers available as single door or pass through versions, that offer a contained, validatable unit to clean and dry any combination of components. This range of washers are custom designed and manufactured around a generic standard, so that they are not actually bespoke products but individually engineered products based around a proven framework design. Used for many different cleaning applications including mobile vessels, fermentation containers, carboys, change parts, kegs, compression tools filling and packaging machine parts. Trolleys and racks can be supplied for loading smaller parts with options of inverters and high pressure models.

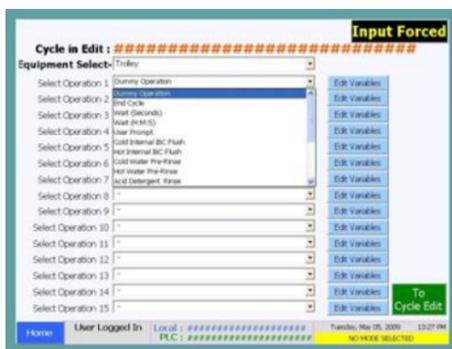
### Pit Mounted BoothWasher™ Layout



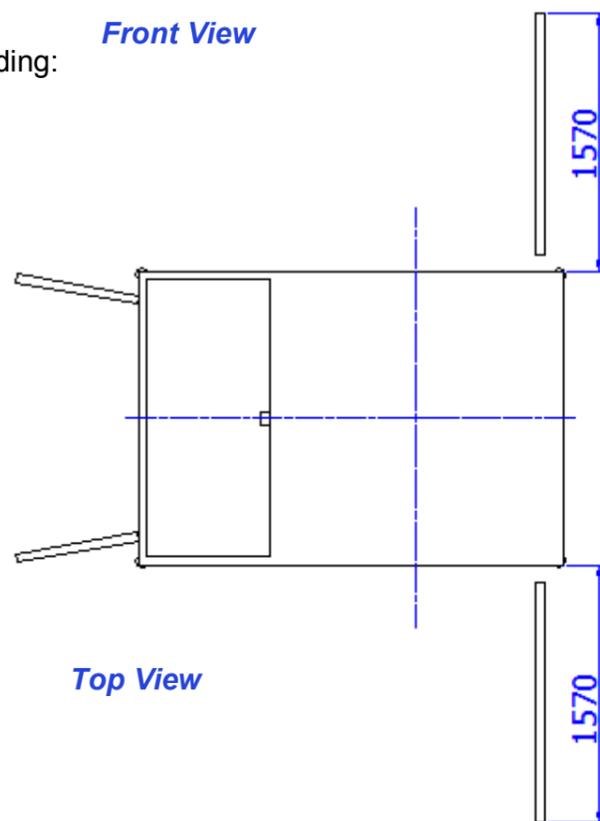
### ControlSuite™ 1000 to 4000 Versatile Recipe Control

Build your own recipe/operational method from sequences, including:

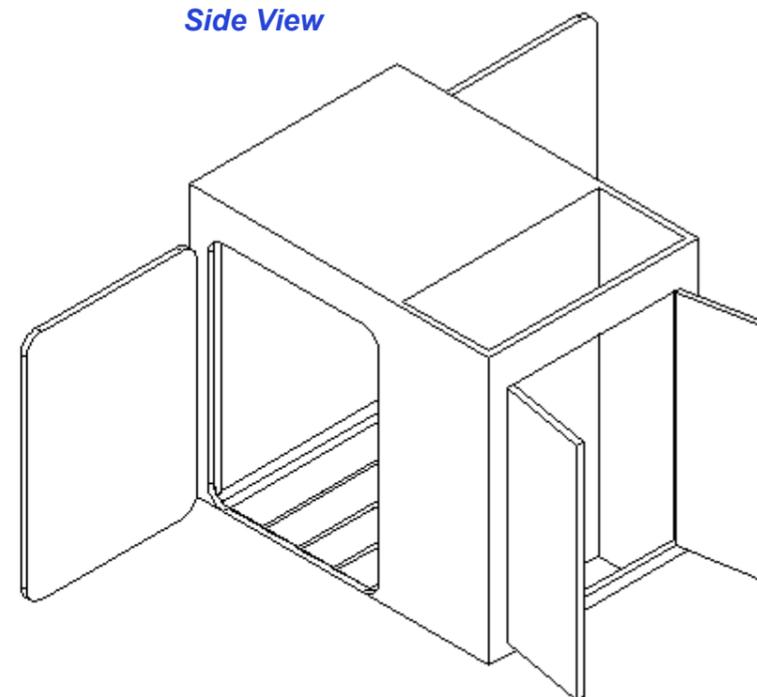
- Flush to drain
- Pre-rinse
- Chemical make-up
- Recirculation Cleaning
- Single Pass Cleaning
- Final rinse
- Drain
- Air Purge
- Self CIP



Front View



Side View

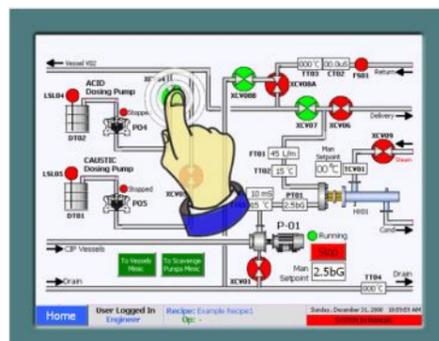


### Automation System

The Integrated CIPSuite™ automation packages are designed to be operator friendly and simple to use whilst providing flexibility and optimisation. Reliable and robust, they have been developed over the last 10 years in coordination with clients operations staff, engineers and validation staff. They encompass all elements required to provide a controllable, repeatable automatic system. A range of automation levels are available, starting from low level semi-automated systems, through low and mid level PLC and HMI versions, to advanced SCADA based systems. All levels are designed with the facilities required to provide a repeatable automated cycle.



Level 1000 Basic System



Level 3000 Advanced System

### Dimensions

Part #	Dimensions mm		
	A	B	C
<b>BoothWasher™ 1500</b>	2,100	1,500	1,850
<b>BoothWasher™ 2000</b>	2,600	2,000	1,850
<b>BoothWasher™ 2300</b>	2,900	2,300	1,850
<b>BoothWasher™ 2500</b>	3,100	2,500	1,850
<b>BoothWasher™ 2800</b>	3,400	2,800	1,850
<b>BoothWasher™ 3000</b>	3,600	3,000	1,850

### Height Note

Dryers can be located on top of the BoothWasher and/or self retracting spray devices. Both options would increase the height of the unit.

### Lean Technology

Adopting LEAN principles, all Suncombe products are developed to ensure they minimise utilities and time, whilst ensuring the safety of the operators and the efficiency of the cleaning. Utilising innovative fluid handling techniques, they incorporate a combination of traditional and new technologies to provide an environmentally friendly, low water and energy usage washing facility that is safe and ergonomic for the operators.

### Validation/ Documentation

The lifecycle approach is adopted (DQ, FDS, HDS, SDS, FAT, SAT, IQ & OQ) with validation being key to every stage of the development process, including Factory Acceptance Testing (FAT), SAT and Qualification.

### Trolleys and Racks

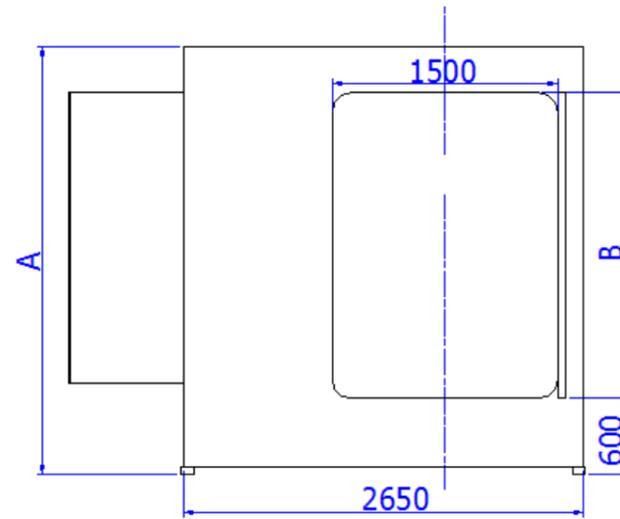
Standard trolleys and racks for drums, carboys, hoses and other process parts. Customised trolleys and racks to suit any equipment.



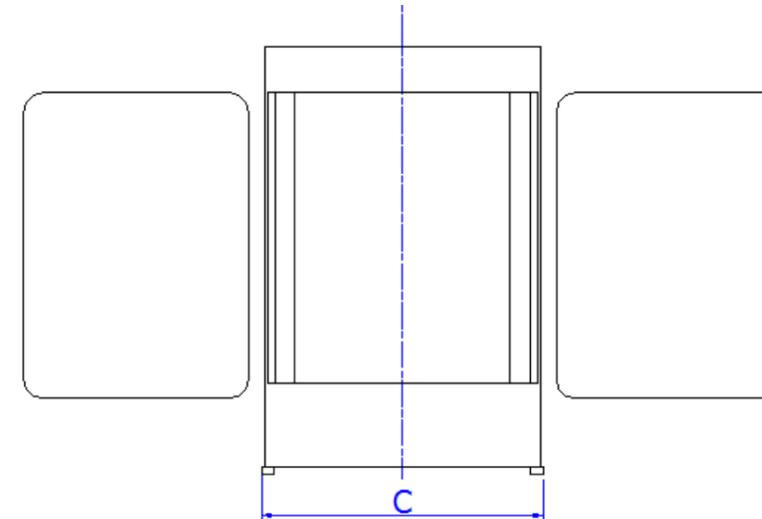
### Other Options

Sliding doors, internal conveyor system, drop down spray devices, split valve opening mechanisms etc..

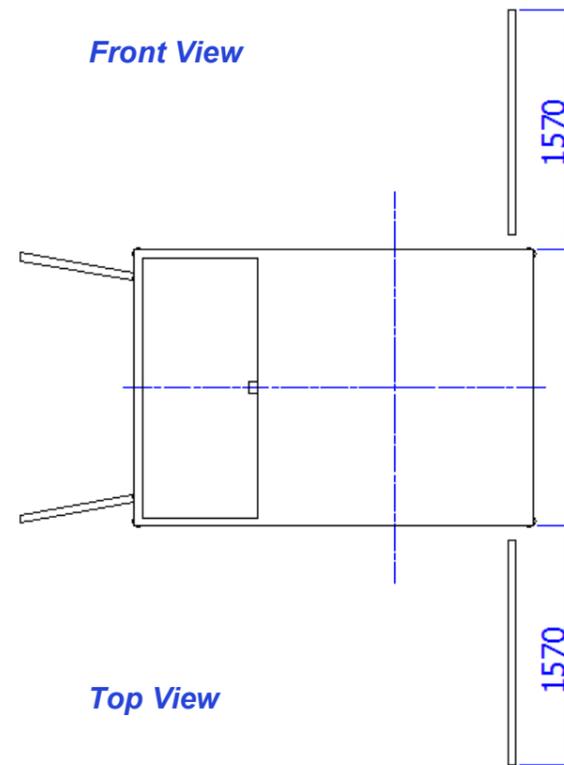
### BoothWasher™ Layout



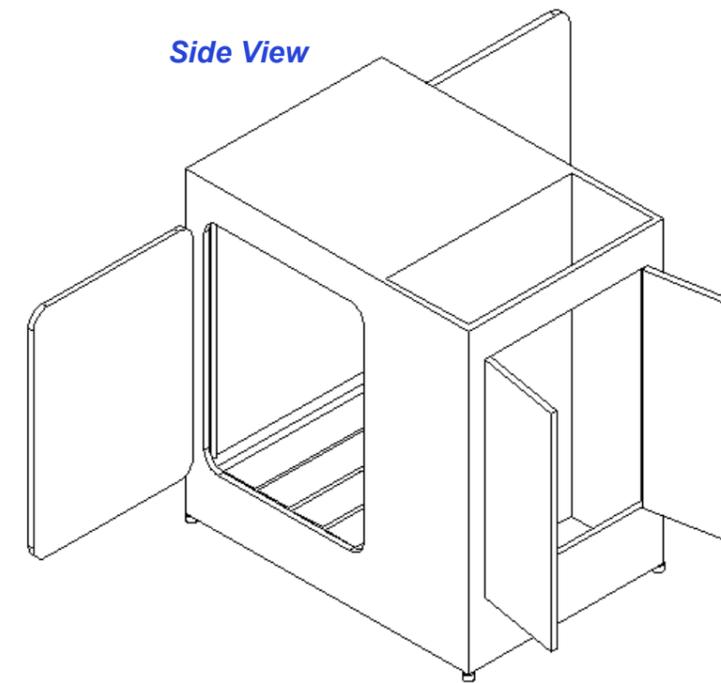
Front View



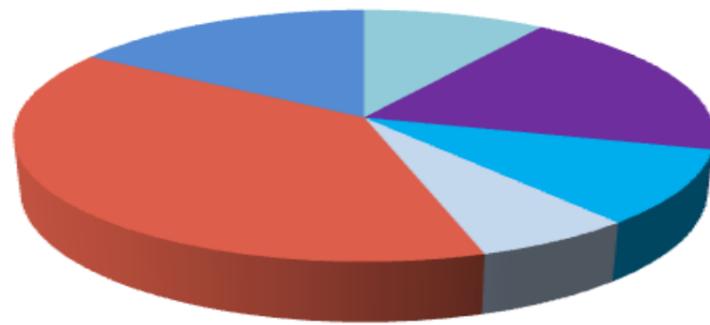
Side View



Top View



### Typical Wash Cycle Times



- Pre-Rinse (3 mins)
- Detergent Rinse (6 mins)
- Final Rinse (3 mins)
- Air Purge (2 mins)
- Drying (12 mins)
- Cooling (5 mins)

### Dimensions

Part #	Dimensions mm		
	A	B	C
<b>BoothWasher™ 1500</b>	2,700	1,500	1,850
<b>BoothWasher™ 2000</b>	3,200	2,000	1,850
<b>BoothWasher™ 2300</b>	3,500	2,300	1,850
<b>BoothWasher™ 2500</b>	3,700	2,500	1,850
<b>BoothWasher™ 2800</b>	4,000	2,800	1,850
<b>BoothWasher™ 3000</b>	4,200	3,000	1,850

### Custom Dimensions

Due to the flexibility of our manufacturing methodology, we are able to provide the range to client preferred dimensions. This can be requested to aid ingress into a building or due to building constraints.