



## **SYSTEM OVERVIEW**

Clean-in-Place (CIP) is an advanced method for cleaning the interior surfaces of pipelines, process vessels, equipment, filters, and associated components without the need for manual cleaning. This technology has transformed hygiene-critical industries by enabling efficient, consistent, and repeatable cleaning processes.

CIP systems are essential in sectors where strict sanitation standards are required, including dairy, beverage, brewing, food processing and pharmaceuticals. SEPAK's CIP solutions have evolved to incorporate fully automated control via programmable logic controllers (PLCs), integrated balance tanks, precision sensors, automated valves, heat exchangers, data logging systems, and purpose-built spray nozzles.

## **STANDARD FEATURES**

- Hygienic, food-grade system design
- High-efficiency heating system
- Fully, semi-automated or mobile operation with user-friendly HMI touchscreen interface.
- Sanitary-grade pumps, valves, and orbital welding throughout the CIP ring

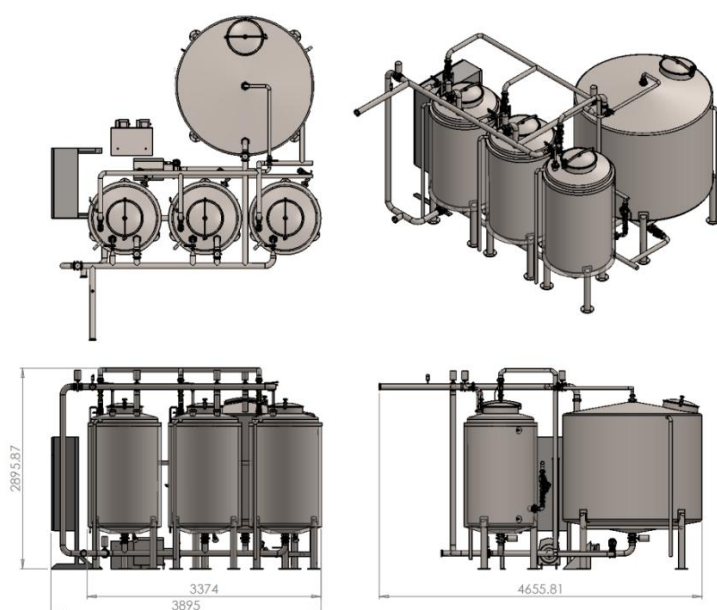
## **BENEFITS**

- Reduces labour requirements
- Minimises consumption of cleaning chemicals
- Lowers energy costs associated with heating
- Decreases environmental impact
- Shortens cleaning cycle times
- Minimises operator exposure to cleaning agents
- Cost efficient optional water recovery with first flush.

## TECHNICAL SPECIFICATIONS

	CIP200	CIP500	CIP1000
Supply Pump Size (50 Hz)	2.2kW Hygienic Centrifugal Pump	3.0kW Hygienic Centrifugal Pump	5.5kW Hygienic Centrifugal Pump
Supply Capacity	10,000-18,000L/h @ 2.2-1.6 bar	10,000-18,000 L/h @ 2.2-1.6 bar	10,000-18,000 L/h @ 2.2-1.6 bar
Return Pump Size (50 Hz) (OPTIONAL)	3kW Hygienic Self Priming Pump	3kW Hygienic Self Priming Pump	3kW Hygienic Self Priming Pump
Return Capacity	5000L/h	5000L/h	5000 L/h
Tank Capacity	200L	500L	1000L
Material	SS316	SS316	SS316
Finish	2B Food Grade	2B Food Grade	2B Food Grade
Operating Voltage	415 V / 3-phase / 50 Hz / 32 A	415 V / 3-phase / 50 Hz / 32 A	415 V / 3-phase / 50 Hz / 32 A
Total Power Consumption	18 kW	22 kW	25kW
Standard Connections	BSM / Tri-Clover	BSM / Tri-Clover	BSM / Tri-Clover
Overall Dimensions (L x W x H)	1300mm x 830mm x 1700mm	2200mm x 1000mm x 2250mm	3570mm x 1200mm x 2760mm

ALL SEPAK SYSTEMS ARE FULLY CUSTOMISABLE TO YOUR REQUIREMENTS. SPECIFICATIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE.



## OPTIONAL ITEMS

- Automatic Detergent Dosing
- Fully Automatic Operating System
- Semi-Automatic System
- Completely Mobile System
- Insulated Cladding
- Steam Heated or Hot Water Heated
- Stainless Steel Enclosure
- Any size tank or combination to suit your needs.
- Water recovery integration to reduce wastage.