

FOR YOUR PEACE OF MIND



Fixed CIP system (Cleaning-in-Place)

Clean your process line automatically without dismantling it



For reliable cleaning

What is a fixed CIP system ?

Packo designs and builds cleaning systems that clean a complete production line based on the Cleaning-in-Place (CIP) principles: automatically without opening or dismantling process equipment such as tanks, pipes, heat exchangers, and filling and mixing machines. The fixed CIP system contains several tanks in which the cleaning liquids are brought to the correct temperature and concentration. The system is permanently attached to the process line and can clean multiple installations.

Benefits

- › **Productivity:** our fixed CIP systems ensure a thorough cleaning thereby reducing the risk of breakdowns of your process systems.
- › **Hygiene guaranteed:** our CIP systems prevent any risk of contamination in your processes. They are designed with maximum attention to hygienic design (complete sloping, no dead corners). The CIP tanks themselves are also automatically cleaned.
- › **Reliable cleaning:** the cleaning is done automatically and therefore always subject to the same conditions.
- › **Efficient energy consumption:** the cleaning programs ensure optimum consumption of energy, water and cleaning products.
- › **Compatibility:** Packo designs custom made fixed CIP systems based on your requirements, for optimal integration into your production.
- › **Flexibility:** the cleaning steps and parameters are easy to adapt by means of user-friendly programs, in line with the cleaning needs of your processes.

Technical specifications

Description	Fixed CIP system
Capacity	300, 500, 1000, 1500, 2000, 3000, 4000 or 5000 litres for the CIP tanks
Insulation	Polyurethane or rock wool
Material	AISI304 or AISI316L Stainless Steel (product contact)
Heating	<ul style="list-style-type: none"> • Electric, hot water or steam • Heating of cleaning products through recirculation on CIP tank • Continuous temperature monitoring and thermal control during recirculation on the application to be cleaned
Cleaning products	<ul style="list-style-type: none"> • Dosing in CIP tank based on conductivity • Continuous conductivity monitoring and concentration control during recirculation on the application to be cleaned
Automation	Flexible program with modular structure of the cleaning program steps and the setting of the parameters
Logging	On USB stick or via network
Standards	Complies with BRC, IFS and other standards
Components	<ul style="list-style-type: none"> • One or more tanks (fresh water, recuperated water, acid, base, etc.) • Pumps • Valves • Pipes • Supply pipes (one or more pipes to various cleaning applications) • Sensors • Control cabinet



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