

Clean-In-Place Systems

Add flexibility to your production and cleaning schedule with a CIP system designed by DSL.



Designed for the shortest possible heating cycles using steam or hot water

C.I.P. control automatically adjusts the flow rate to balance the system

System frames are constructed of rigid stainless steel structural tubing

All systems are shipped completely pre-piped, pre-wired and pre-tested, ready for installation and commissioning

DSI Process Systems has the experience and skill to design, build, test and install your Clean-In-Place System.



DSI Process Systems
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*Compliant with 3A Sanitary
Accepted Practices*

Configurations

Design Options

Single Tank & Multi-Tank designs

Centralized Systems or Function
Dedicated Systems

Chemical Reclaim option

Rinse Water Recovery option

Individually sized to customer needs
for tank size and flow rates

Standard configurations available

Valve options include butterfly, single
seat, shut-off, mix-proof and dia-
phragm styles

Material Options

304 or 304L stainless steel

316 or 316L stainless steel

Electropolish and autowelding

Other materials upon request

Controls and Software

- Allen Bradley PLC control available in control Logix, SLC and PLC5 formats
- Several different touchscreen operator interfaces available including Intellution, Wonderware and Panelview with different security levels
- Printable C.I.P. reports generated to verify and document C.I.P. temperatures, cycle times and operations
- Options for supply conductivity, flow rate and PH monitoring and verification available
- Historical process variable trending available
- Supply and return temperature probes and return conductivity included on standard system configuration
- C.I.P. Editor program allows a "build your own" approach to C.I.P. routines, easy change of step times, chemical concentrations and temperature
- Commissioning, training, and phone modem support included
- Full documentation provided including material certificates, customer IQ/OQ documents and operation and maintenance manual

Process/CIP Design
Automation/Electrical Design
Fabricated Modules/Components
Installation
Project Management
Commissioning/Training
System Integration
Design/Build Projects



We serve the following industries:
Carbonated and Non-Carbonated Beverages,
Juice, Water, Food, Dairy, Pet Food, Personal
Care Products, Pharmaceutical, Household
Goods and Specialty Chemical.