

Container CIP Plant to clean Pipes, Vessels and Filling Machines

 Innovative Engineering –
Quality in Line.



Container CIP Plant

Compact CIP Plant

The cleaning depot as well as the pumps and valves are completely pre-assembled on a rack with ball feet as well as wired and function-tested.

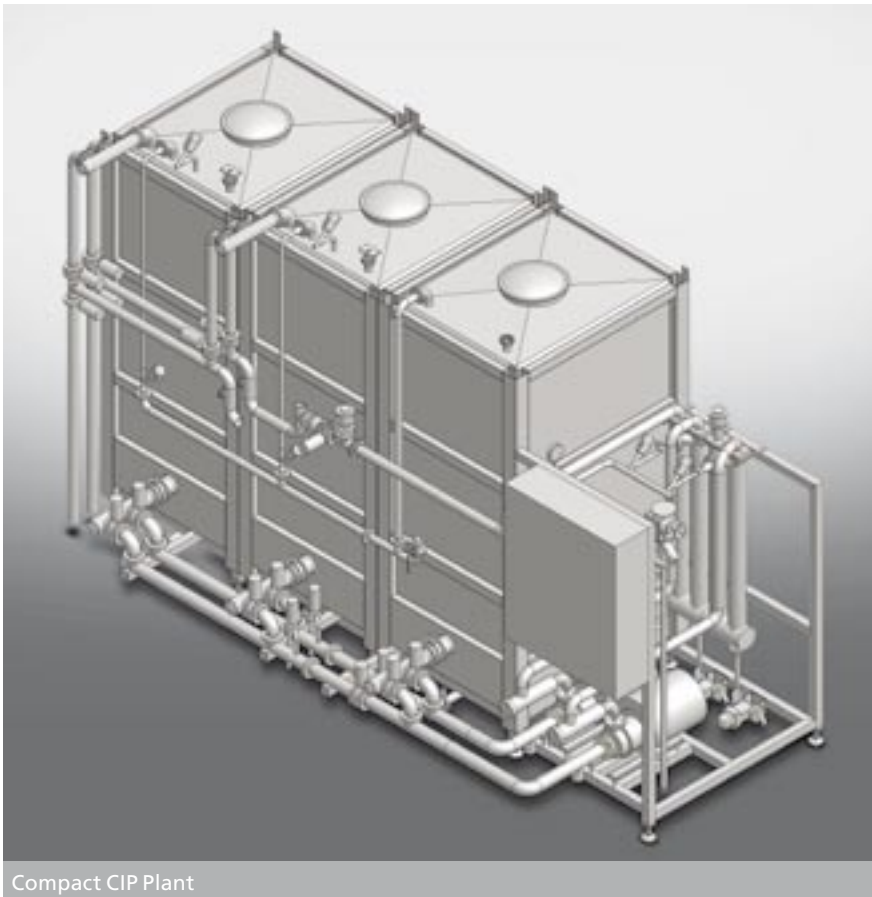
An extension of the plant to further cleaning circuits is of course possible.

The cleaning ring system is equipped with a conductance measurement system for the controlled phase break.

The automatic restrengthening of caustic and acid is effected by an internal circuit.

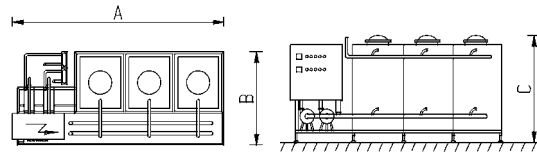
A GEA TDS maintenance-free "hair pin" heat exchanger is used for the heating of media.

Specific safety devices as for example dry-running protection of the feed pump, conductance supervision of the return and a lot of more guarantee a safe and uninterrupted cleaning procedure.



Compact CIP Plant





Type							
number of vessels	qty		1	2	3/2	3/3	4
size of vessels	m ³		2	2/2	2/2/2	2/3/3	2/2/2/2
A	length	mm	2,300	2,800	4,000	5,100	3,200
B	width	mm	1,800	1,800	1,800	1,800	3,000
C	height	mm	2,500	2,500	2,500	2,500	2,500
	weight empty	kg	800	1,000	1,200	1,250	1,950
	weight filled	kg	2,800	5,000	7,200	9,250	9,950

Dimensions in case of 2 cleaning circuits, adjustment to the number of vessels, size of vessels or vessel arrangement are of course possible.

Standard version

- operator panel
- PLC control type Siemens
- acid/caustic dosing unit
- pre-assembly on a rack
- fabrication according to DIN/ISO 9001

Options

- monitor
- recipe management
- wetting agent dosing
- dosing of germicide
- operative and fault message printer

Technical data CIP feed

feed pump 3.0 kW	
feed quantity	10,000 l/h
feed pressure	3.5 bar
temperature	max. 80° C
feed pump 4.0 kW	
feed quantity	15,000 l/h
feed pressure	3.8 bar
temperature	max. 80° C
feed pump 5.5 kW	
feed quantity	25,000 l/h
feed pressure	4,3 bar
temperature	max. 80° C





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To find out more about GEA TDS process
technology, see www.gea-tds.com

GEA

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