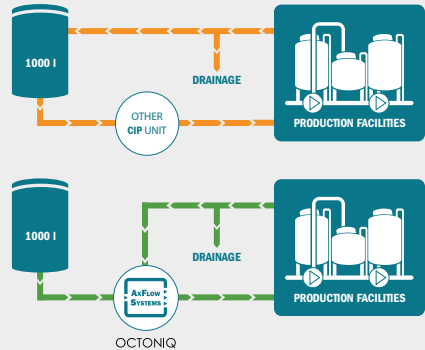




UP TO 30% SAVINGS ON WATER, CHEMICALS, AND ENERGY

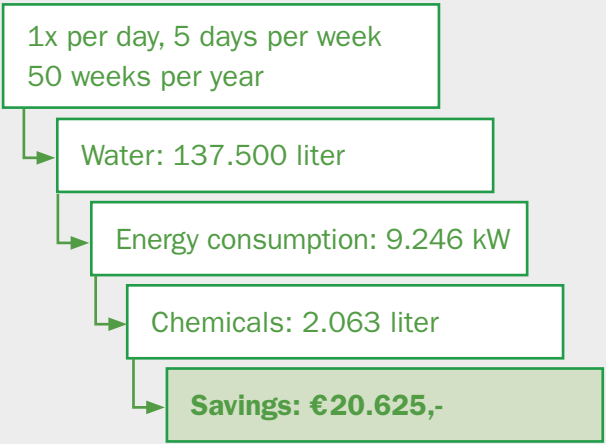
| OTHER CIP UNITS  |            | VS. | OCTONIQ                   |
|------------------|------------|-----|---------------------------|
| Flush            | 1000 liter |     | 1000 liter                |
| Lye circulation  | 1000 liter |     | System volume* +100 liter |
| Flush            | 700 liter  |     | 1000 liter                |
| Acid circulation | 1000 liter |     | System volume* +100 liter |
| Last flush       | 1000 liter |     | 1000 liter                |

\*System volume for example = 650 liter



CALCULATION EXAMPLE OF THE SAVINGS

|                     |             |
|---------------------|-------------|
| Calculation example |             |
| System volume       | 650 liter   |
| ΔT lye              | 50°C        |
| ΔT acid             | 65°C        |
| Water               | €0,20 m³    |
| Energy              | €0,20 kW    |
| Chemicals           | €10,- liter |
| Other CIP example   | 1000 liter  |
| OCTONIQ             | optimized   |



ACCESSORIES



**LIQUID TANKS**  
OCTONIQ can be expanded with various sizes of tanks for cleaning or rinsing liquids. Thanks to its modular design, OCTONIQ is easy to integrate into existing setups.



**VALVE MANIFOLD**  
The valve manifold ensures efficient, controlled distribution of CIP flows for cleaning various objects. The hygienic design supports a reliable and safe cleaning process.

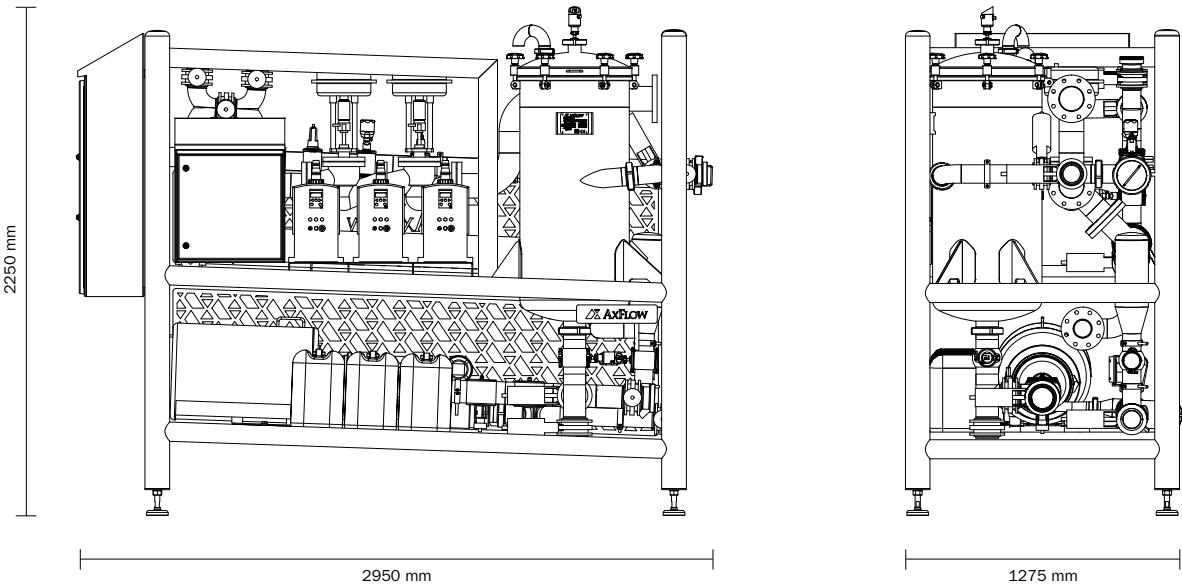


**CIP TROLLEY**  
The compact CIP trolley offers a mobile solution for performing CIP tasks. Equipped with pump and connections, the trolley can be used all across your installation.

OCTONIQ SPECIFICATIONS

|                               | OCTONIQ 40          | OCTONIQ 65           | OCTONIQ 100          |
|-------------------------------|---------------------|----------------------|----------------------|
| DN sizes of cleaning system   | DN10..DN40          | DN50..DN65           | DN80..DN100          |
| Nominal capacity              | 5,6 m³/h            | 21 m³/h              | 54 m³/h              |
| Nominal head                  | 25 m                | 35 m                 | 40 m                 |
| <b>Required connections</b>   |                     |                      |                      |
| Electricity                   | 16A                 | 32A                  | 63A                  |
| Steam capacity, recommended   | 600 kg/h @ 5 bar(g) | 1560 kg/h @ 5 bar(g) | 2370 kg/h @ 5 bar(g) |
| Steam connection              | DN40 PN16           | DN65 PN16            | DN80 PN16            |
| Compressed air                | ≥ 6 bar(g)          | ≥ 6 bar(g)           | ≥ 6 bar(g)           |
| <b>Materials</b>              |                     |                      |                      |
| Frame                         | 304 Stainless steel | 304 Stainless steel  | 304 Stainless steel  |
| Buffer tank                   | 316 Stainless steel | 316 Stainless steel  | 316 Stainless steel  |
| Piping                        | 316 Stainless steel | 316 Stainless steel  | 316 Stainless steel  |
| Seals                         | EPDM                | EPDM                 | EPDM                 |
| <b>Communication protocol</b> |                     |                      |                      |
| Communication protocol        | Ethernet            | Ethernet             | Ethernet             |

DIMENSIONS



Want to know more about how OCTONIQ can improve your process?

Go to [www.axflow.de](http://www.axflow.de) – our sales engineers will be happy to provide you with individual consultancy.



[www.axflow.de](http://www.axflow.de)

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OCTONIQ

CLEANING-IN-PLACE  
TURNKEY CIP SYSTEM



Clean. Intelligent. Progressive.





# OCTONIQ

## AXFLOW SYSTEMS CIP SYSTEM

OCTONIQ, the modular Cleaning-In-Place (CIP) system from AxFlow Systems, cleans your installation efficiently, hygienically, and without disassembly. You will save on water, energy, and chemical consumption while enjoying maximum flexibility.

With over 50 years of experience in process solutions, we combine proven technology with smart innovations in our revolutionary Cleaning-In-Place system: OCTONIQ

### FLEXIBLE & FUTURE-PROOF

OCTONIQ is modular and therefore easy to adapt or expand. The system is suitable for both small installations and large, multi-line production processes, in new and existing lines. New processes can be added without additional cleaning systems or extensive modifications.

### EFFICIENT & SUSTAINABLE

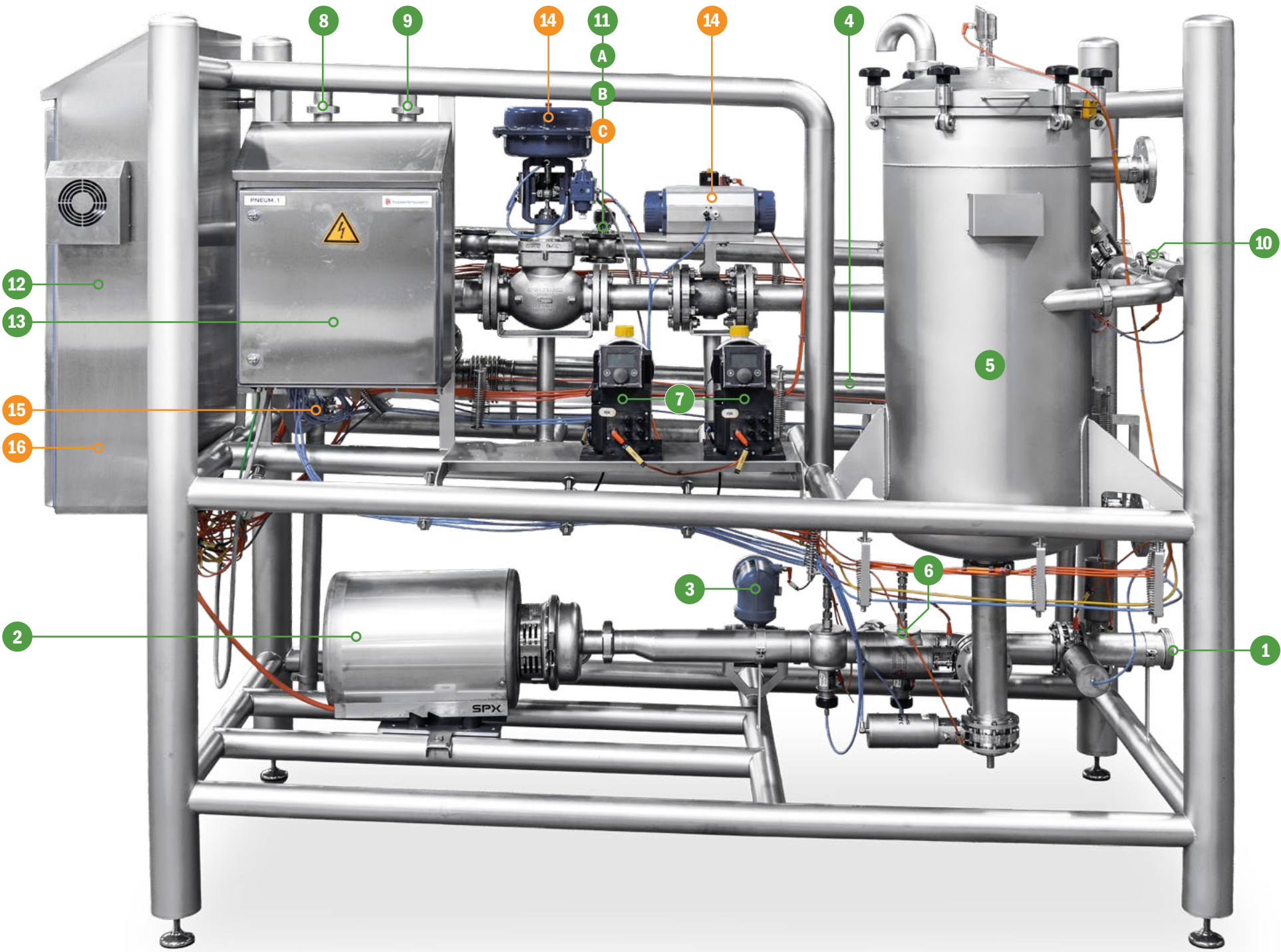
Intelligent fluid management reduces water and chemical consumption by up to 30%, while inline heating quickly brings the fluid to temperature and saves energy. Smart rinsing strategies and shorter soaking times shorten cleaning cycles, allowing lines to start up faster and increasing production capacity. Full automation with a user-friendly interface and central data logging reduces manual work and errors.

### HYGIENIC & STANDARDIZED

OCTONIQ is designed in accordance with the latest EHEDG guidelines and features ViwateQ finishing. Self-draining pipes and tanks prevent downtime and dead spaces, thereby avoiding bacterial growth, while 316L stainless steel extends the service life of the system.

All CIP processes are fully logged, including critical parameters such as temperature, concentration, and time, for optimal traceability, quality control, and regulatory compliance.

### OCTONIQ MARKET SEGMENTS



## THE 8 KEY BENEFITS OF OCTONIQ



**Lower costs, higher profits**

With OCTONIQ you can save up to 30% on water, chemicals and energy. Good for your budget and the environment.



**Always up-to-date software**

OCTONIQ runs on updated software as standard, via an online connection. Safe, efficient, and ready for the future.



**Smart and hassle-free cleaning**

Fully automated Cleaning-In-Place with logging of all parameters, so you always have control over performance.



**Built for the long term**

Robust design in accordance with AxFlow quality standards. Designed to EHEDG guidelines and finished with ViwateQ finishing.



**Grows with your success**

OCTONIQ is a modular system and scales effortlessly with your process or factory.



**European and sustainably produced**

OCTONIQ is produced in the EU, with a low carbon footprint. Sustainable and responsible.



**Hassle-free maintenance**

Thanks to smart accessibility, servicing OCTONIQ is quick and cost-efficient.



**Always an expert nearby**

Benefit from AxFlow's wide coverage of service, technical support, and fast delivery of spares.

## COMPONENTS

- |                      |   |
|----------------------|---|
| 1 Suction port       | 11 Instruments:                                     |
| 2 CIP-pump           | A Temperature gauge                                 |
| 3 Flowmeter          | B Conductivity meter                                |
| 4 Heat exchanger     | C Clarity meter                                     |
| 5 Buffer tank        | 12 Electrical control box                           |
| 6 Chemical injection | 13 Air control box                                  |
| 7 Chemical pump      | 14 Steam regulation                                 |
| 8 Discharge port     | 15 Sight glass (in production)                      |
| 9 Circulation port   | 16 Communication with external systems via Ethernet |
| 10 Tank return       |   |

● = Standard    ● = Optional

