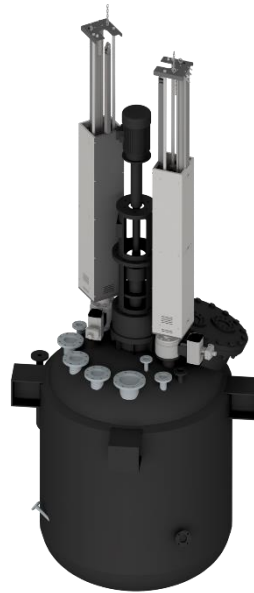


CIP unit

- Cleaning head RH
- 360° spray coverage
- Stroke length up to 3000mm
- Pneumatic or electric cylinders
- Water hydraulic motor
- Adjustable speed
- maximum 200 bar
- Maximum 50 liters/minute
- Installation opening > ø77 mm
- INOX 316L / VITON



General description



The CIP unit consists of a metal housing, a flange, a pneumatic or electric cylinder and a hydraulic motor, which is connected to the cleaning head. The cleaner, the main element, is guided through a bushing in the lower section and attached to the slide of the pneumatic or electric cylinder with a clamping ring in the upper section. The system is connected to a cable-bound chain that carries the high-pressure water hose.

The hydraulic motor generates the rotary movement of the cleaning head and the cylinder ensures that the cleaner is fed into and out of the tank.

Thanks to the modular design, the individual elements can be replaced and quickly put back into operation when servicing is required.

Product features

- | | |
|--------------------------|---|
| Functionality | <ul style="list-style-type: none"> • Using a compact water turbine, the energy from the water is not only used for cleaning, but also to drive the cleaning head. • Rotation of cleaning head and cleaning nozzles achieves 360° jet coverage • Only the cleaning head with connecting tube is inserted into the tank • The pneumatic or electric cylinder guides the cleaning head into the tank |
| Configuration | <ul style="list-style-type: none"> • The CIP unit can be customized in length and number of cleaning positions for the tanks |
| Functional safety | <ul style="list-style-type: none"> • Designed for durability and easy to maintain • Complies with specified standards and guidelines |
| Variants | <ul style="list-style-type: none"> • CIP unit available with pneumatic or electric cylinder |

Technical data

Drive	water-hydraulic	
Hydraulic data	Minimum pressure	100 bar
	Maximum pressure	200 bar
	Minimum flow rate	14 l/min
	Maximum flow rate	50 l/min
	Spray cover	360°
	Temperature	-30 to 90 °C
	High pressure water connection	3/8"
	Nozzles	2 pieces 0° / 5° / 15° 1/8"
Mechanical data	Speed	10 - 30 revolutions/minute
	Cycle complete	1.9-5.5 min 55 revolutions
	Length	Up to a maximum of 3 meters, longer only on request
Material	Cleaning head	AISI 316 INOX
	Connecting tube	AISI 316 INOX
	Seals	FPM Viton / EPDM / FDA
Installation data	Installation opening	larger than Ø77 mm
	Mounting flange	depending on the tank
Logistical data	Dimension Pneum. Vers. (without ball valve)	300 x 294 x (height, depending on container)
	Weight (for a stroke length of 3000mm)	~113 kg
Approvals	CE / ATEX	

Safety instructions


- This container interior cleaner is exclusively suitable for cleaning the interior of production, storage and transport containers that can be treated with a high-pressure water jet with cleaning solution.
- The appliance is only intended for use with fresh water and cleaning agents expressly approved by the manufacturer (see www.moog.ch). Always observe the operating conditions and performance limits specified in the technical data sheet.
- This appliance is a technical tool and is not intended for private use. Proper transportation and storage are also prerequisites for its intended use.

Installation instructions

Maintenance Clean the nozzles with compressed air or with a very thin metal rod if they are clogged with dirt. If necessary, replace the nozzles with similar nozzles with identical nozzle openings.

The filter screen in the inlet of the water-hydraulic drive must be cleaned regularly depending on the degree of soiling of the cleaning medium. A damaged filter screen must be replaced.

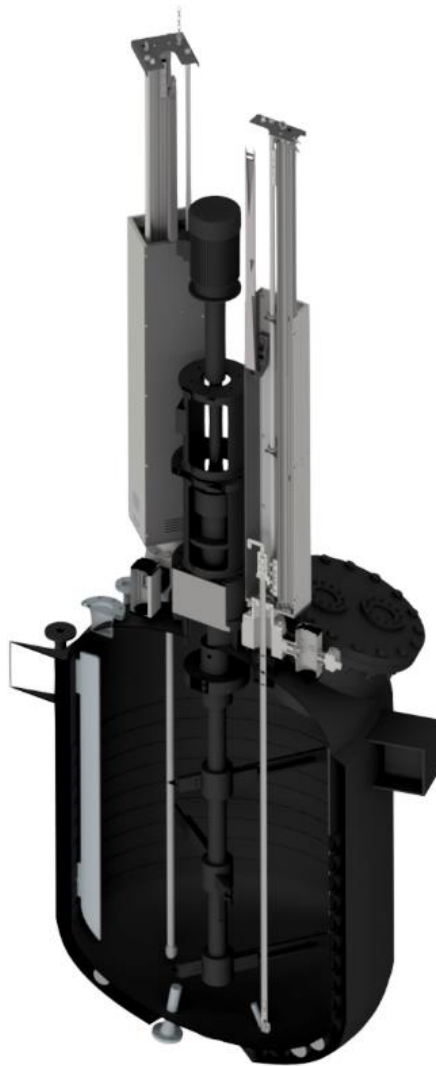
On delivery, the speed of the drive is adapted to the output of the high-pressure supply used according to customer requirements. This can be changed using the three flow control nozzles.

The maintenance intervals vary depending on the duration of use, pressure range, media temperature and cleaning agent used. These must be determined individually during trial operation. The operator is responsible for adhering to the maintenance intervals.

Maintenance must be carried out approximately every 300 operating hours and all seals must be replaced.

The ball bearings must be replaced with original bearings after 2000 operating hours at the latest.

View



Accessories and spare parts

Accessories and spare parts Contact Sales +41 31 838 19 19
info@moog.ch

Documentations

- Further documentation
- Operating instructions
 - Spare parts overview
 - Spare parts price list
 - Certificates
 - Declaration of conformity