Electric-powered automatic IBC internal cleaner.

- ER55.STD cleaning head
- 360° coverage
- For 1000L IBC containers
  (Other sizes available upon request)
- Adjustable speed
- Maximum 200 bar
- Maximum 50 l/min
- IBC installation port - DN150/DN225
- 316L stainless steel / Viton



SWISS MADE

General description

The IBC Cleaner is a machine designed for the automatic cleaning of standard 1000-liter IBC containers. It is equipped with a cylinder that allows the cleaning lance to be inserted into the tank, which then cleans it using high-pressure water. Additionally, safety barriers, protective nets, and sensors are included to prevent the system from activating if the container is absent or if the operator gets too close during operation.

Product Features

Functionality
- The high-pressure pump enables thorough cleaning of the container
- The rotation of the head and cleaning nozzles via the electric motor provides 360° spray coverage.
- The detergent can be easily added to the IBC tank using the flange.

Adjustability
- The rotation speed can be adjusted based on the water volume and can be adapted to different water volumes by using different nozzles.
- The guide can be adapted to opening sizes DN150 and DN225.

Functional safety
- Designed for durability and ease of maintenance
- Very low operating noise

Technical data

Guide	Electrical	
Hydraulic data	Minimum pressure	100 bar
	Maximum pressure	200 bar
	Minimum flow rate	10 l/min
	Maximum flow rate	50 l/min
	Spray pattern	360°
	Maximum temperature	60 °C
	Connection	G3/8"
	Nozzles	2 pieces 0° / 5° / 15° 1/8"
Mechanical data	Speed	10–30 rpm
	Complete cycle	Depending on the dirt
Material	Cleaning head	AISI 316 stainless steel
	Connection hose	AISI 316 stainless steel
	Motor	AISI 316 stainless steel
	Seals	FPM Viton / EPDM / FDA

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Installation data	Installation opening	DN150
		DN225
Approvals	CE	

Safety instructions



- This container interior cleaner is intended exclusively for cleaning the interiors of production, storage, and transport containers that can be treated with a high-pressure water jet containing a cleaning solution.
- The unit must only be used 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 device is a technical tool and is not intended for private use. Proper transport and storage are also essential requirements for its intended use.

Installation Instructions

Maintenance

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

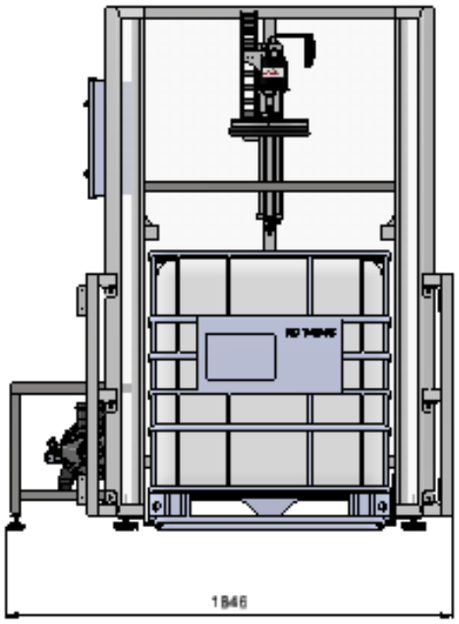
The filter screen at the inlet of the hydraulic drive must be cleaned regularly depending on the degree of contamination of the cleaning medium. A damaged filter must be replaced.

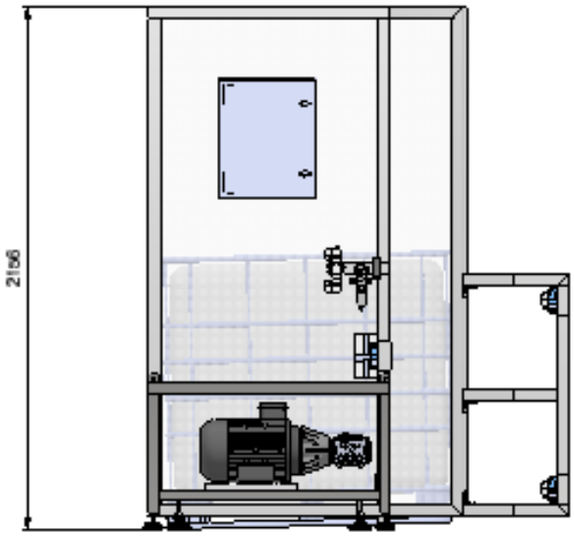
Upon delivery, the drive speed is adjusted according to the power of the high-pressure supply used, based on the customer's requirements. This can be modified using the three flow control nozzles.

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

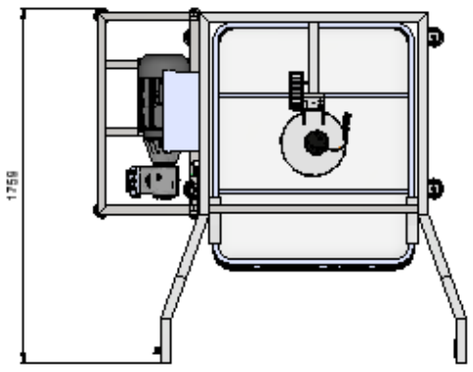
Maintenance must be performed approximately every 300 operating hours, and all seals must be replaced.
The ball bearings must be replaced with original bearings no later than after 2000 operating hours.

Dimensions





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Accessories and spare parts

Accessories and spare parts

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Documentation

Additional documentation

- User manuals
- Spare Parts Overview
- Spare Parts Price List
- Certificates
- Declaration of Conformity

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