Mobile barrel cleaning system FR1

- Cleaning head RK37
- 360° spray coverage
- Barrels from 225-600 liters
- Drive 230 / 115 VAC
- Speed 17 rpm
- Working pressure 80-120 bar
- Delivery rate 13-20 liters/minute
- Installation opening > ø38 mm
- INOX 1.4301



SWISS MADE

General description



The mobile barrel cleaning system with electric cleaner drive consists of a base frame, a tilting fork, an adjustable carriage with waste water cup and cleaner as well as a corresponding loading frame.

The barrel is effortlessly loaded via a roll-up ramp and manually tilted into the cleaning position. The FR1 barrel cleaning model is also adjustable so that barrels up to 600 liters can be cleaned.

This modular design means that the individual elements can be replaced and quickly put back into operation if servicing is required.

Product features

Functionality
- Barrel cleaning system cleans the barrel and drains the water
- Rotation of cleaning head and cleaning nozzles achieves 360° jet coverage
- Easy loading of the barrel and insertion of the cleaner

Adjustability
- Suitable for all 225 - 600 liter barrels with bunghole > Ø38
- Carriage and barrel support adjustable in height according to barrel

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

Variants
- Connection for steam and compressed air on request
- Other drives on request



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Technical data

Drive	electric	115 - 230 VAC
Hydraulic data	Minimum pressure	80 bar
	Maximum pressure	120 bar
	Minimum flow rate	13 l/min
	Maximum flow rate	20 l/min
	Spray cover	360°
	Maximum temperature	90 °C
	Connection	M22x1.5 / G1/2" / G3/8"
	Nozzles	2 pieces 0° / 5° / 15° M4
Mechanical data	Speed	15.2 revolutions/minute
	Cycle complete	~3-5 min.
Material	Cleaner	1.4301 stainless steel
	Frame	1.4301 stainless steel
	Seals	FPM Viton
Installation data	Installation opening	larger Ø38 mm
Logistical data	Dimensions: Base frame	1229 x 1792 x 819 mm
	Loading rack	1298 x 279 x 480 mm
	Weight	50kg
Approvals	CE	

Safety instructions



- This barrel cleaner is only suitable for cleaning the inside of barrels
- 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.

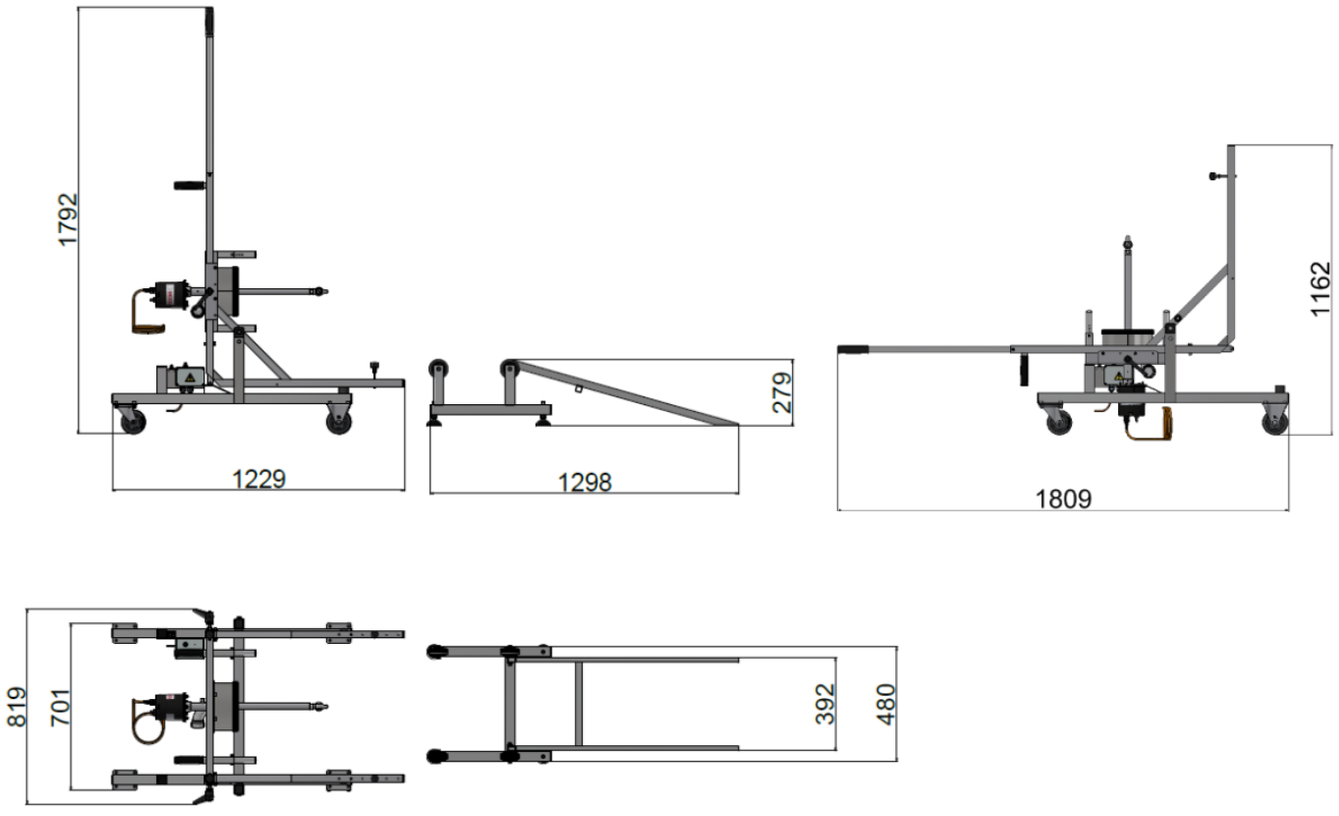
On delivery, the speed of the drive is adapted to the output of the high-pressure supply used according to customer requirements. This can be changed using the three flow control nozzles.

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.

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Dimensions



Accessories

Accessories

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Spare parts

Spare parts

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Documentations

Further documentation

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

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