

#### 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





### **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





### **Technical data**

**Drive** electric 115 - 230 VAC

**Hydraulic data** Minimum pressure 80 bar

Maximum pressure120 barMinimum flow rate13 l/minMaximum flow rate20 l/minSpray cover360°

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.

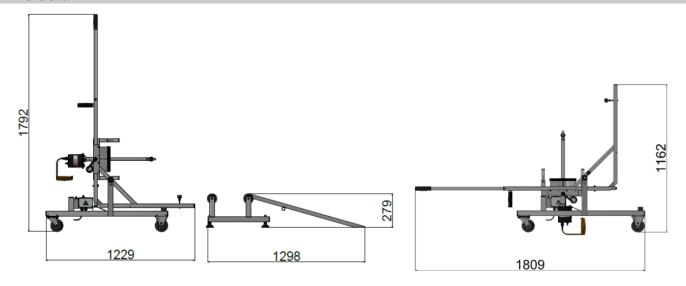
The maintenance intervals vary depending on the duration of use, pressure range, media temperature and cleaning agent used. These must be determined individually during trial operation. The operator is responsible for adhering to the maintenance intervals.

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.



# Dimensions





# Accessories

Accessories www.moog.ch

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# Spare parts

**Spare parts** www.moog.ch

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## **Documentations**

Further documentation

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