

Technical datasheet

Hose Oil Flushing Unit “OTS.2X100.9.ACMU.SS316”



Introduction

The oil flushing unit is built for flushing of hydraulic hoses with different sizes from ¾” to 2½” and turbulent flow conditions with a RE>3000. The maximum capacity is 6 hoses at the same time.

All piping, oil reservoir and framework is built in stainless steel SS304. The pump has a capacity at maximum 500 l/min and is integrated with a 400 V, 3 kW, 50 Hz and 2900 rpm electrical motor.

The unit has an integrated newly developed safe and easily handed multi return manifold which is able to grip all the return hoses in one easy operation. Furthermore the manifold ensures that potential oil spills are kept to a minimum. The unit is fitted with an on-line particle monitoring display, which indicates the level of cleanliness according to ISO4406. The unit is able to provide a level of cleanliness better than ISO 4406 Class 16/14/11.

Moreover the unit is fitted with an optional pre-filtered air purge system for removing the residual oil.

The unit is very easy to clean and maintain because of stainless steel frame work.

Features

- Low oil level alarm.
- High oil temperature alarm.
- Alarm for blocking of filter
- Suction strainer is fitted as standard

Safety features

- Lit with safety window, the unit is not able to run with open lit.
- Emergency stop
- Drip tray in the pump cabinet.
- Security switches are installed to the lit and pump cabinet.
- CE-Marking according to the Machinery directive: 98/37/EC

Capacity & performance

Flow capacity	100 l/min. at 16 bar 500 l/min at pulsation
Filter capacity	20” 3 µ flush- & off-line filter 4” 3 µ air/purge filter
Tank capacity	Approx 800 l

Weight & dimensions

Length	1900 mm
Width	800 mm
Height	1660 mm
Gross weight	N/A