

## Technical datasheet

### Hot oil flushing unit “OTS.50.5.STATIONARY.SS316”

#### Introduction

Stationary flushing unit suitable for flushing of hydraulic tubes with various dimensions from ¼” to ¾” with pulsed flow conditions which makes it possible to achieve a turbulent flow above  $RE > 3000$ .

The unit is fitted with an on-line particle monitoring display, which indicates the level of cleanliness according to ISO4406 or NAS 1638. The unit is capable of providing a level of cleanliness better than ISO 4406 Class 16/14/11.

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

All construction and framework is made in stainless SS316 steel, which make it very easy to clean and maintain.

The unit is driven by a 3.0 kW, 16 A, 400 VAC-50 Hz electrical motor.

The 90 l oil-reservoir is integrated with a 1.65 kW el heater.



#### Features

- Oil- temperature & level indicator
- Pressure and temperature gauge
- Visual differential dirt indicator
- All components are whether protected by all over insulated Stainless SS 316 steel plates

#### Capacity & performance

Cirk flow rate	55 l/min
Pulsed flow	115 l/min
Accumulator pressure	150 bar
Tank capacity	90 l
Oil temperature	max 75°C
Filter capacity	3 $\mu$ $\beta$ 200

#### Safety features

- Strong protective stainless SS316 steel framework
- Drip trays fitted as standard.
- Pressure safety- & relief valves set pressure 150 bar & 15 bar.
- Thermostat is fitted to oil heater

#### Weight & dimensions

Length	950 mm
Width	650 mm
Height	1500 mm
Gross weight	650 kg