

## Technical datasheet

### Pipe Oil Flushing Unit “OTS.190.15.Flush-unit.SS316”

#### Introduction

The oil flushing unit is built for flushing of pipe lines with various dimensions from ¼” to 3” providing turbulent flow conditions with a RE>3000 with the use of a oil viscosity of 15 cSt.

All piping and oil reservoir is built in stainless SS316 steel. The frequency control pump has a capacity at maximum 190 l/min and is integrated with a 400 V, 7,5 kW, 50 Hz 1740 rpm electrical motor.

The unit has a pressure manifold where there are mounted tree needle valves for flow control and tree flow meters for visionel flow setting.

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

As an additional filtering feature, the unit is also mounted with a cJc offline filtering system.

Moreover the unit is fitted with a manual air purge system for removing the residual oil.

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



#### Features

- Frequency control motor
- Online particle monitoring display
- cJc offline filter system
- Manuel air purging
- 3 kW electrical heater

#### Capacity & performance

Flow capacity	190 l/min at 15 bar
Max temperature	70 Degree C
Recommended oil viscosity	15 to 32 cSt
Tank capacity	Approx 400 l

#### Safety features

- Emergency stop
- CE-Marking according to the Machinery directive: 2006/42/EC

#### Weight & dimensions

Length	1750 mm
Width	1350 mm
Height	1900mm
Gross weight	860 kg