

Technical datasheet

Hot oil flushing unit “OTS.50.7 EXD.ATEX.SS316”

Introduction

Mobile 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 and a level of cleanliness better than ISO 4407 Class 14/11 or AS4059 Class 5 (NAS 1638 Class 5).

Furthermore, the unit is able to carry out hydrostatic pressure test up to 1100 bar with flushing oil as test fluid. All construction and framework is made in stainless SS316 steel material as shown on the photo.

The unit is driven by a 5.5 kW, 16 A, 400 V, -50 Hz, EXD electrical motor.

The 103 l oil reservoir is integrated with a 2 kW electrical heater and a low level switch.

The unit is suitable for operation in zone 2 areas.

ATEX marking:  II ½ G / ZONE X



Features

- Articulated wheels and lifting pads mounted for site mobility.
- Variable pressure and temperature options.
- Visual differential dirt indicator.
- All components are protected by insulated stainless SS316 steel plates.

Capacity & performance

Cirk flow rate	45 l/min
Pulsed flow	80 l/min
Accumulator pressure	150 bar
Tank capacity	103 l
Oil temperature	max 80°C
Filter capacity	3 µ β 200
Shaft seal	BAQE

Safety features

- Strong protective stainless SS 316 steel framework.
- Drip trays fitted as standard.
- Pressure safety- & relief valves set pressure 70 bar, 150 bar & 166 bar.
- Thermostat is fitted to oil heater.

Weight & dimensions

Length	1168 mm
Width	644 mm
Height	1004 mm
Gross Weight	360 kg