

TECHNEWS

HAZARDOUS AREA

FILTER TROLLEY



For use in Zones:

CE 0891  II 2 G D c

IECEX TRC 13.0014X

Ex d ia IIB T4 Gb

Ex ia tb IIIC IP6X T130°C Db

TRAC13ATEX0039X



Description

The HAFT (Hazardous Area Filter Trolley) is an offline filtration system for cleaning hydraulic fluid in ATEX & IECEX rated zones. Filtration of hydraulic fluid is vitally important for reduced downtime and to prolong component lifetime and system performance.

The trolley utilises the efficiency of Hydac Stat-free® filter elements to ensure any contamination in a system is removed while preventing static build-up on the element.

The unit is mobile so can be transported between different hydraulic reservoirs. When in the upright position the wheels are lifted from the ground keeping the trolley in one position. The wheels themselves are electrically conductive so no charge is built up as the trolley is moved.

The trolley is equipped with a flow switch to enable the system to be left running unattended. The switch will turn the unit off automatically if no fluid is present in the suction line and will prevent the unit from running dry.

As an option, a detachable lance can be supplied for the suction side to enable easy transfer of fluid from a barrel into your hydraulic reservoir.

Quick release fittings on both suction and pressure hoses not only make connecting the HAFT quick, but also prevent spillages and contamination ingress.

The trolley frame is made of 316 stainless steel so corrosion is not an issue. Carbon steel parts are painted to offshore paint specification.

Features

- Notified body approved
- 50 lpm flow
- Stat-free® element technology
- Variable micron filtration range
- Large dirt holding capacity
- 25 m mains cable
- Variable length hoses
- Suction lance option
- Flow switch to protect from dry running
- Mobile filtration/filling system
- Suitable for use in an offshore environment

MODEL CODE BREAKDOWN

HAFT - GR50 — 415—2 —003—1—3—FS—L-YS-FPM-9002

HAZARDOUS AREA

FILTER TROLLEY

316 STAINLESS STEEL FRAME
ANTI-STATIC WHEELS
ATEX & IECEX ASSESSED

PUMP

GEROTOR PUMP (50 lpm) = GR

DRIVE

415 VOLTS INPUT = 415

HOSE LENGTH

2 METRE = 2
5 METRE = 5
10 METRE = 10

FILTRATION

3 MICRON = 003
5 MICRON = 005
10 MICRON = 010

SAMPLE POINT

NONE = 0
BEFORE FILTER = 1
AFTER FILTER = 2
BEFORE AND AFTER FILTER = 3

FILTER BYPASS

3 BAR BYPASS = 3
6 BAR BYPASS = 6

FLOW MONITOR SWITCH

YES = FS

SUCTION LANCE

YES = L
NO = 0

Y-STRAINER

YES = YS
NO = 0

SEAL MATERIAL

VITON = FPM
NITRILE = NBR
EPDM = EPDM
HNBR = HNBR

PAINT (CARBON STEEL PAINTED PARTS)

RAL REFERENCE

At time of order please specify required plug for the installation if receptacle is already in place. This will be added as a separate line item to the order. The plug selected should be suitably rated and approved for use in the required environment. Please check this prior to order and commissioning of the unit. The standard plug supplied by Hydac is STAHL 415V 3P+N+E 16A (8570-12-506)

All technical details are subject to change.

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