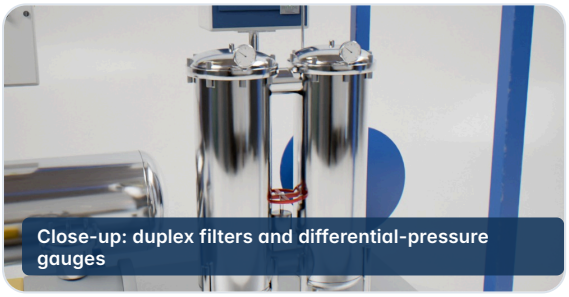
PRODUCT DATASHEET

Heated High-Velocity Oil Flushing Skid

Rental-fleet flushing skids for lube, seal and hydraulic oil systems

Product page





Close-up: duplex filters and differential-pressure gauges

OVERVIEW

The Tech Inc. Heated High-Velocity Oil Flushing Skid flushes lube, seal and hydraulic oil piping at commissioning and after turnarounds until the oil meets its ISO 4406 cleanliness target. A high-flow pump drives turbulent flow, heaters bring the oil to flushing temperature, and fine filters with an online particle counter show when the system is clean.

TYPICAL DESIGN DATA

Flushing flow	About 200 to 4,000 L/min
Oil temperature	Up to about 70 °C
Filtration	Coarse strainer and fine filters down to about 3 µm, beta ratio 1,000 or better
Codes and standards	Pressure parts to ASME B31.3; electrics to IEC and the site classification
Monitoring	Online particle counter reporting to ISO 4406
Drive	Electric with variable-speed drive; diesel on request
Hazardous area	Components for classified areas on request

MODELS AND CAPACITIES

- **TI-OFS-200** – about 200 L/min, heaters about 24 kW
- **TI-OFS-1000** – about 1,000 L/min, about 72 kW
- **TI-OFS-4000** – about 4,000 L/min, containerised
- **TI-OFS-500** – about 500 L/min, about 48 kW
- **TI-OFS-2000** – about 2,000 L/min, about 120 kW

Indicative flushing flows; the flow is sized for turbulent flow in the largest pipe to be flushed.

ORDERING CODE

Example **TI-OFS-1000-H-P**: **1000** maximum flushing flow, L/min; **H** heating: H heated, X unheated; **P** options: P particle counter, C container, Z hazardous-area build, D diesel drive.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** diesel drive; containerised version; hazardous-area build; water removal by vacuum dehydration; spare filter elements.

KEY ADVANTAGES

- **Turbulent flow** – sized to the pipework
- **Faster flushing** – heated oil and fine filtration
- **Proof of cleanliness** – online particle counts to ISO 4406
- **Rental-ready** – rugged frame and simple controls

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Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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