



**HYDAC SERVICE**

# RENTAL EQUIPMENT

## Hydraulic Flushing Unit



# The power behind your Technology



## Flushing

During the assembly and installation of the hydraulic system it is easily possible for dirt and other contamination to find their way into the pipes and other items of equipment. Therefore, it is necessary to flush out all this contamination so that it cannot have an adverse effect on the operation and life time of the equipment. Flushing involves circulating hydraulic fluid through the system at high speed. The fast flowing fluid carries the particles of dirt along with it, to where they can be removed in a separate filter circuit. The duration and intensity of flushing depends on the required cleanliness of the system.

## HFU 1250

The HFU 1250 is a modular system with a flow of max.1250 l/min per unit. Multiple units can be inter-connected to increase flushing capacity. System can be set up for flushing pipe systems from 24 up to 5000 l/min. Each functional unit is fitted in a 10 ft. container and can be used on any location around the world because of its multi supply voltage and frequency design. The HFU is provided with filtration in pressure and return line, filters in the return line are switchable between multiple filtration grades during flushing. The temperature during flushing is controlled on basis of our database of oil types.

### General Specifications HFU:

- Power supply: 4x63A 380..500 VAC 50/60Hz
- 280 l/min at 200 bar (4x70 l/ min per pump group)
- 1250 l/min at 45 bar (4x313 l/ min per pump group)
- Proof pressure testing up to 525 bar electronically adjustable. Proof pressure can be switched to each of the individual pressure outputs
- Pressure adjustable nitrogen blowout for emptying flushing circuit.
- Automatic Datalogging, on USB stick or printable for a report on the spot, of :
  - Contamination level readout according ISO and SAE and/or NAS:
  - Saturation level: 0 ... 100% (water content)
  - Temperature
  - Conductivity
  - Flow
  - Pressure
- Filtration grade pressure supply 10 $\mu$
- Filtration grade return line 3 $\mu$  or 10 $\mu$
- Filtration grade bypass system 5 $\mu$
- Reservoir capacity 2750 liter

### Excluded:

- Filter cartridges
- Hydraulic hoses
- Power cables
- Transport and installation
- Service Engineer

The HFU will always be operated by our own service engineers.

All items mentioned above can be included on request.



# Hydraulic Flushing Unit



Vossenbeemd 109  
5705 CL Helmond  
P.O. Box 447  
5700 AK Helmond

Tel. +31 88 059 70 01  
Fax +31 88 059 7020  
nl-info@hydac.com



Nipkowlaan 18  
9207 JA Drachten

Tel. +31 512 57 12 00  
Fax +31 512 57 12 09



Keerweer 46  
3316 KA Dordrecht

Tel. +31 88 059 70 03  
Fax +31 88 059 71 05  
nl-dord@hydac.com



Kruitenstraat 37  
1976 DM IJmuiden

Tel. +31 88 059 70 04



Chroomsteden 5  
7547 TL Enschede

Tel. +31 53 303 11 11  
Fax +31 53 303 11 33



Antillen 43  
7301 BH Apeldoorn  
P.O. Box 1079  
7301 BH Apeldoorn

Tel. +31 55 541 52 33  
Fax +31 55 543 06 00

