

# Hydrau**vision**



## HydrauSupport 2000FS



Electric-driven Flushing Unit with a main power of  
6x 55 kW @ 400VAC-50Hz or  
6x 65kW @ 440VAC-60Hz.

The HydrauSupport 2000FS can be combined with one or more other HydrauSupport 2000FS units in order to obtain a higher flushing flow.  
The oil tanks are interconnected to equally divide the return flow.

The HydrauSupport 2000FS is certified by Lloyd's Register and provided with both lifting lugs and integrated forklift-trays to ensure easy handling.

### Technical Specification

Max. flushing pressure	: 80 bar
Max. output flow	: 6x 324= 1944 liter/min. @ 50 Hz : 6x 388= 2328 liter/min. @ 60 Hz
Electric motor power	: 6x 55 kW @ 400VAC (50Hz) : 6x 65 kW @ 440VAC (60Hz)
Operational temperature	: -10 °C/ +70 °C
Cooling capacity	: 2x 125 kW @ dT= 25 °C
Off line cooling pumps	: 2x 324 l/min
Max. pressure testing	: 525 bar

Overall length	: 6058 mm
Overall width	: 2438 mm
Overall height	: 2591 mm
Total weight excluding oil	: 15.500 kg
Hydraulic oil tank capacity	: 3.800 liter

Power supply nominal	: 400 VAC (50Hz)-100A (3P +E) : 440 VAC (60Hz)-100A (3P +E)
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Fluid connections:	
- Flushing output A1 & B1	: 2x SAE 3"-3000 # (reversible A>B or B>A)
- Flushing output A2 & B2	: 2x SAE 3"-3000 # (reversible A>B or B>A)
- Pressure testing	: 16S
- Interconnecting	: 2x DIN 100 PN16 (tank to tank)
- Drain lines	: 2x 28L

### Benefits

- Fully separated flushing outputs ( 2 times 972 l/min or 1164 l/min)
- Switchable pumps to obtain the most suitable flushing flow
- Reversible flushing flow by a flick of a switch (A>B or B>A)
- Interconnectable HydrauSupport 2000FS units, total flow 3.880 / 4.650 l/min
- Off line cooling and / or heating circuit to obtain maximum flushing efficiency
- 2 pcs independent high accuracy turbine flow meters
- 2 pcs particle counters including on-line indication and data logging
- Air compressor and 300 liter air tanks to empty the flushed lines
- Noise reduction panels, louvers and access doors
- Separated control room including panels, controls and data logging

### Scope of Supply

- Included:
- Power receptacles on the unit: 6x 125A-6h, 5-pole for main power supply
  - Additional receptacles for auxiliaries: 1x 63A-6h 5-pole and 1x 32A-6h 5-pole
  - User manual

- Excluded:
- Hydraulic hoses
  - Power cables
  - Connecting couplings to flush system
  - Transport and installation

Above mentioned items can be included on request.

All performance data and specifications mentioned in this document are guidelines. Due to operational and environmental influences performance data may vary. All products are subject to continuous review. HydrauVision reserves the right to change specification without prior notice.

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