

Hydrau**vision**



HydrauSupport 1200F+ Filtration unit

Technical Specification

Max. working pressure	: 15 bar
Max. output flow total	: 1200 liter/min. @ 1500 rpm
Flow control	: between 120 and 600 liter/min or between 720 and 1200 liter/min.
Electric motor power	: 1 pc. 22 kW frequency drive and 1 pc. 22 kW stationary drive
Revolutions	: between 300 and 1500 rpm
Fixed displacement pumps	: 2 pcs. of 400 cc/rev.
Operational ambient temp.	: -10 till +40 °C
Operational fluid temperature	: -20 till +80 °C

Overall length	: 1500 mm
Overall width	: 1250 mm
Overall height	: 1600 mm
Total weight excl. fluid	: 1695 kg

Power supply nominal	: 400 VAC (50Hz)-125A (3P+N+E) : 440 VAC (60Hz)-125A (3P+N+E)
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Fluid connections:	
- Pressure	: DN100 - PN16 (acc. DIN 2633)
- Suction	: DN150 - PN16 (acc. DIN 2633) Suction pressure between -0,5 and 3 bar max.

Benefits

- Open hydraulic circuit.
- High capacity filtration (Pall) with wide range of filtration grades of 3, 5, 7, 12 and 22 micron are available on request.
- Filter design minimizes static charge generation and electrostatic discharge.
- Flow controlled main pump set.
- Minimes connections for mobile electronic particle counter.
- Electric main control cabinet with manual revolution control, display, clogging indicator and emergency stop.

Scope of Supply

- Included:
- Power connector on unit: 125A-6h, 5-pole.
 - Controller settings to customers specifications.
 - Lifting points (4) and integrated forklift-trays.
 - User manual.

- Excluded:
- Hydraulic hoses.
 - Filter elements.
 - Mobile electronic particle counter.
 - Electric power connection cable.
 - 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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Hydraulic filtration unit with an electric frequency pump drive and a second stationary pump drive. Both pump drives with an output of 22 kW. Specific engineered with superior contamination control by Pall Ultipleat SRT filter design. Each pump has its own filtration set or parallel selection is possible if one pump is in operation.

The HydrauSupport 1200F has a controllable flow output from 120 up to 600 liters per minute or from 720 up to 1200 liters per minute. The maximum pressure is 15 bar.

The HydrauSupport 1200F is Lloyd's Register certified according D.N.V. rules 2.7-3 and EN12079 and provided with both 4 lifting points and integrated forklift-trays to ensure easy handling.

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