

Product Overview

Project:	MX-450L
Report No.:	9268814
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Approved By:	Carlos Garcia

Location: Plant 3A | Date: 2024-08-28

Below are the technical parameters and construction materials for the unit. Refer to this configuration summary for unit-designation mapping. The following information outlines performance characteristics and design data. Check that all material specs align with supplier certifications. This report extract is prepared for design-verification audits.

Configuration Type	Cooling Circulation System	Rated Pressure	180 bar
Flow Rate	48 L/min	Supply Voltage	480 V / 60 Hz
Battery Capacity	2 Ah	Noise Level	≤ 70 dB(A)
Filtration	5 µm inline, 10 µm return	Reservoir Capacity	160 L
Total Weight	250 kg	Dimensions (LxWxH)	1200 x 700 x 1100 mm
Motor Power	11 kW	Service Interval	1000 h
Mounting	Wall-mounted	Control Valve	Directional 4/3
Oil Type	HLP 46	Protection Class	IP67
Frame Material	Aluminum Frame	Working Temp. Range	-10°C to 50°C
Pump Type	Vane Pump		

Overall configuration is within defined design and safety margins. All summary comments have been recorded in the revision log. This closure note indicates the data sheet is ready for release. Document control numbers are included for traceability. Data sheet has been peer-reviewed by the engineering team. Archive this summary for future design-change management.

Material of Construction:

Item	Composition
Power Switch	Polycarbonate + Copper
Heat Sink ALU	Aluminum 6061-T6
Capacitor 450V	Aluminum 6061-T6