

Product Data Sheet

Project:	RM-860N
Report No.:	PR-564
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Approved By:	Peter Schmidt

Location: Plant 1C | Date: 2024-02-10

Use this sheet to confirm engineering requirements and tolerances. This section details the configuration and parameter set for the product. Please review the specifications and material composition listed below. Ensure all referenced standards are up to date. The parameter register below includes operating limits and ratings. Refer to this configuration summary for unit-designation mapping. All data entries are traceable to design revision history.

Model Type	Hydraulic Power Unit	Rated Pressure	180 bar
Fluid Flow	75 L/min	Operating Voltage	230 V / 50 Hz
Working Temp. Range	-10°C to 50°C	Cooling	Water-cooled exchanger
Dimensions (LxWxH)	1000 x 650 x 1000 mm	Charging Time	4 h
Oil Type	HLP 32	Motor Power	7.5 kW
Pump Type	Vane Pump	Service Interval	500 h
Reservoir Capacity	160 L	Mounting	Wall-mounted
Total Weight	230 kg	Filtration	5 µm inline, 10 µm return
Frame Material	Aluminum Frame	Noise Level	≤ 72 dB(A)
Protection Class	IP67	Battery Capacity	2 Ah

Material of Construction:

Part	Raw Material
Wooden Pallet	Treated Pine Wood
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
Digital Display Unit	ABS Plastic
Power Switch	Polycarbonate + Copper
Teflon Tape Roll	Teflon Tape Roll
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Fuse 5A	Ceramic Oxide
Pressure Valve	Brass CZ121
Nut M6	Zinc-Plated Steel
Heat Sink ALU	Aluminum 6061-T6
Hex Bolts M12	Zinc-Plated Steel
Gasket Sheet A4	Nitrile Rubber (NBR)