

Product Overview

Project:	XD-710R
Document No.:	PR-700
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Location: Plant 2B | Date: 2023-08-27

The following information outlines performance characteristics and design data. Below are the technical parameters and construction materials for the unit. This section details the configuration and parameter set for the product. Use this spec sheet to validate assembly instructions. Check that all material specs align with supplier certifications. Confirm that performance ranges comply with project requirements.

Model Type	Pneumatic Control Unit	Operating Pressure	180 bar
Throughput	60 L/min	Operating Voltage	480 V / 60 Hz
Dimensions (LxWxH)	1200 x 700 x 1100 mm	Reservoir Capacity	80 L
Working Temp. Range	10°C to 55°C	Service Interval	12 months
Control Valve	Directional 4/3	Oil Type	HLP 68
Battery Capacity	10 Ah	Pump Type	Gear Pump
Charging Time	6 h	Protection Class	IP67
Noise Level	≤ 70 dB(A)	Cooling	Water-cooled exchanger
Total Weight	180 kg	Mounting	Rack frame
Motor Power	7.5 kW	Filtration	10 µm return, 25 µm suction

Document control numbers are included for traceability. Check that all section headers follow the product template. Confirm that all test conditions are accurately represented. Refer to parameter table for operating ranges and tolerances.

Material of Construction:

Subcomponent	Raw Material
Battery Pack	Lithium-Ion Cell Pack
Steel Sheet A36	Carbon Steel A36
Capacitor 450V	Aluminum 6061-T6
Cooling Gel Pack	Silicone Rubber
Hex Bolts M12	Zinc-Plated Steel
Support Foot Steel	Stainless Steel 304
Nut M6	Zinc-Plated Steel
Hinge Set	Stainless Steel 304
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
LED Light Strip	Glass-Filled Nylon
Connector 2P	Glass-Filled Nylon
Wooden Pallet	Treated Pine Wood