

Unit Data Specification

Project:	XD-710R
Internal No.:	9017947
Prepared By:	Carlos Garcia
Approved By:	Carlos Garcia

Location: Plant 3A | Date: 2024-07-05

Ensure all referenced standards are up to date. Check that all material specs align with supplier certifications. Use this sheet to confirm engineering requirements and tolerances. The parameter register below includes operating limits and ratings. Please review the specifications and material composition listed below. This section details the configuration and parameter set for the product. This technical overview supports the product-release checklist.

Unit Type	Hydraulic Power Unit	Rated Pressure	300 bar
Flow Rate	30 L/min	Supply Voltage	400 V / 50 Hz
Cooling	Water-cooled exchanger	Service Interval	12 months
Pump Type	Piston Pump	Motor Power	11 kW
Oil Type	HLP 46	Mounting	Skid base with vibration pads
Filtration	10 µm return, 25 µm suction	Noise Level	≤ 72 dB(A)
Charging Time	6 h	Frame Material	Powder-coated Steel
Total Weight	250 kg	Battery Capacity	10 Ah
Protection Class	IP65	Working Temp. Range	-10°C to 50°C
Dimensions (LxWxH)	1200 x 700 x 1100 mm		

Material of Construction:

Part	Base
Thermal Fuse	Ceramic Oxide
Bearing 6202 ZZ	Stainless Steel 304
Power Switch	Polycarbonate + Copper
Pressure Valve	Brass CZ121
Fuse 5A	Ceramic Oxide
Connector 2P	Glass-Filled Nylon
Teflon Tape Roll	Teflon Tape Roll
Wooden Pallet	Treated Pine Wood
Capacitor 450V	Aluminum 6061-T6
Nut M6	Zinc-Plated Steel