

Project:	FT-730X
Internal No.:	8286683
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Approved By:	Peter Schmidt

Location: Plant 3A | Date: 2024-02-01

This section details the configuration and parameter set for the product. This technical overview supports the product-release checklist. Use this sheet to confirm engineering requirements and tolerances. Ensure all referenced standards are up to date. Check that all material specs align with supplier certifications. The following information outlines performance characteristics and design data.

Configuration Type	Pneumatic Control Unit	Rated Pressure	180 bar
Throughput	30 L/min	Operating Voltage	480 V / 60 Hz
Reservoir Capacity	120 L	Pump Type	Piston Pump
Frame Material	Aluminum Frame	Filtration	10 µm return, 25 µm suction
Protection Class	IP54	Charging Time	2 h
Control Valve	Manual Override 3/2	Total Weight	230 kg
Motor Power	11 kW	Battery Capacity	10 Ah
Oil Type	HLP 32	Service Interval	500 h
Mounting	Rack frame	Dimensions (LxWxH)	1000 x 650 x 1000 mm
Noise Level	≤ 70 dB(A)	Cooling	Air-cooled oil radiator
Working Temp. Range	-10°C to 50°C		

Material of Construction:

Subcomponent	Composition
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Hinge Set	Stainless Steel 304
Thermal Fuse	Ceramic Oxide
Gasket Sheet A4	Nitrile Rubber (NBR)