

# Unit Data Specification

Below are the technical parameters and construction materials for the unit. The following information outlines performance characteristics and design data. The parameter register below includes operating limits and ratings. Ensure all referenced standards are up to date. Refer to this configuration summary for unit-designation mapping.

Product ID:	QN-770H
Internal No.:	PR-375

Prepared by: Laura Rossi | Approved by: Carlos Garcia | Date: 2023-11-28

Model Type	Hydraulic Power Unit	Rated Pressure	300 bar
Fluid Flow	30 L/min	Operating Voltage	400 V / 50 Hz
Pump Type	Piston Pump	Working Temp. Range	5°C to 45°C
Noise Level	≤ 72 dB(A)	Frame Material	Aluminum Frame
Control Valve	Manual Override 3/2	Filtration	10 µm return, 25 µm suction

Data sheet has been peer-reviewed by the engineering team. Ensure that the listed materials are approved for the application. Archive this summary for future design-change management. This closure note indicates the data sheet is ready for release. Use this summary to cross-check with BOM and inspection reports. This summary reflects the latest revision of the product data.

Material of Construction:

Label	Base
Power Switch	Polycarbonate + Copper
Battery Pack	Lithium-Ion Cell Pack
Digital Display Unit	ABS Plastic
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Fuse 5A	Ceramic Oxide
Hinge Set	Stainless Steel 304
Support Foot Steel	Stainless Steel 304
Wooden Pallet	Treated Pine Wood
Rubber Gasket 80mm	Nitrile Rubber (NBR)