

Product Data Sheet

Project:	WD-180S
Document No.:	1217958
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Location: Plant 2B | Date: 2025-03-30

Entries include both mechanical and electrical specifications. This technical overview supports the product-release checklist. Check that all material specs align with supplier certifications. The following information outlines performance characteristics and design data. Below are the technical parameters and construction materials for the unit. Confirm that performance ranges comply with project requirements. Refer to this configuration summary for unit-designation mapping.

Model Type	Cooling Circulation System	Operating Pressure	300 bar
Flow Rate	48 L/min	Operating Voltage	480 V / 60 Hz
Charging Time	6 h	Filtration	10 µm return, 25 µm suction
Pump Type	Gear Pump	Working Temp. Range	10°C to 55°C
Motor Power	11 kW	Frame Material	Stainless Steel Frame
Mounting	Rack frame	Oil Type	HLP 68
Dimensions (LxWxH)	1000 x 650 x 1000 mm	Battery Capacity	10 Ah
Control Valve	Directional 4/3	Protection Class	IP54
Cooling	Water-cooled exchanger	Total Weight	250 kg
Service Interval	1000 h	Reservoir Capacity	80 L

Material of Construction:

Label	Composition
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
Gasket Sheet A4	Nitrile Rubber (NBR)
Cooling Gel Pack	Silicone Rubber
Wiring Loom 1m	PVC (Rigid)
Hex Bolts M12	Zinc-Plated Steel
Digital Display Unit	ABS Plastic
Teflon Tape Roll	Teflon Tape Roll
LED Light Strip	Glass-Filled Nylon
Support Foot Steel	Stainless Steel 304