

Unit Configuration

All data entries are traceable to design revision history. Below are the technical parameters and construction materials for the unit. Please review the specifications and material composition listed below. Use this spec sheet to validate assembly instructions. Check that all material specs align with supplier certifications. This report extract is prepared for design-verification audits. Ensure all referenced standards are up to date.

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|-------------|---------|
| Product ID: | TL-900X |
| Report No.: | PR-866 |

Prepared by: Peter Schmidt | Approved by: Jan Kowalski | Date: 2024-10-27

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|--------------------|---------------------------|-------------------|-------------------------|
| Configuration Type | Hydraulic Power Unit | Design Pressure | 210 bar |
| Fluid Flow | 30 L/min | Operating Voltage | 400 V / 50 Hz |
| Control Valve | Directional 4/3 | Pump Type | Vane Pump |
| Filtration | 5 µm inline, 10 µm return | Cooling | Air-cooled oil radiator |

This summary reflects the latest revision of the product data. Data sheet has been peer-reviewed by the engineering team. Flag any missing parameters for urgent specification updates. Ensure glossary terms match the engineering nomenclature. Ensure that the listed materials are approved for the application.

Material of Construction:

| | |
|---------------------|----------------------------------|
| Label | Base |
| Insulated Tube 25mm | Thermoplastic Polyurethane (TPU) |
| Steel Sheet A36 | Carbon Steel A36 |
| Fuse 5A | Ceramic Oxide |
| Teflon Tape Roll | Teflon Tape Roll |
| Pressure Valve | Brass CZ121 |
| Support Foot Steel | Stainless Steel 304 |
| Connector 2P | Glass-Filled Nylon |
| Hex Bolts M12 | Zinc-Plated Steel |
| Capacitor 450V | Aluminum 6061-T6 |
| Power Switch | Polycarbonate + Copper |