

Component Overview

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| Project: | MC-540X |
| Internal No.: | PR-824 |
| Prepared By: | Laura Rossi |
| Approved By: | Jan Kowalski |

Location: Plant 1C | Date: 2024-05-01

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| Configuration Type | Pneumatic Control Unit | Operating Pressure | 300 bar |
| Flow Rate | 60 L/min | Operating Voltage | 400 V / 50 Hz |
| Filtration | 5 µm inline, 10 µm return | Frame Material | Powder-coated Steel |
| Reservoir Capacity | 160 L | Motor Power | 5.5 kW |
| Dimensions (LxWxH) | 1200 x 700 x 1100 mm | Protection Class | IP67 |
| Noise Level | ≤ 70 dB(A) | Pump Type | Piston Pump |
| Total Weight | 230 kg | Control Valve | Manual Override 3/2 |
| Oil Type | HLP 32 | Charging Time | 2 h |
| Cooling | Air-cooled oil radiator | | |

This summary reflects the latest revision of the product data. Document control numbers are included for traceability. This closure note indicates the data sheet is ready for release. Use this summary to cross-check with BOM and inspection reports.

Material of Construction:

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| Label | Composition |
| Pressure Valve | Brass CZ121 |
| Battery Pack | Lithium-Ion Cell Pack |
| Digital Display Unit | ABS Plastic |
| Wiring Loom 1m | PVC (Rigid) |
| Power Switch | Polycarbonate + Copper |
| Bearing 6202 ZZ | Stainless Steel 304 |
| Cooling Gel Pack | Silicone Rubber |
| Fuse 5A | Ceramic Oxide |