

Overview materials

Assembly	Initial filling	Compoments	Materials used
WDM washing machine with dryer	WEDOLIT K102 Wilhelm-Dietz GmbH & Co.KG	Welding rack Pumps Radiator Fan Filter System Seals & gaskets	1.4301/X5CrNi18-10, cast aluminum, 2.0380/MS58, CSM, EPDM, Nylon, Viton, cast iron, NBR, FPM
Pneumatics	PLANTO HYD 46 S Fuchs Europe Schmierstoffe GmbH	Valves Pressure regulators Valve terminals Hoses Fittings Seals Manifold plates Pressure sensor Injection lubricator Oil reservoir Milled parts Power blocks	PTFE, NBR, HNBR, PBT, PA, PA6-3-T, PE, PC, PP, C3604, POM, PUR, stainless steel 303 & 304, C45, zinmc die casting, brass nickel plated, aluminum die casting, 1.0038/S235JRG2, 1.0570/S355J2G3, 1.4301/X5CrNi18-10, 1.4542/X5CrNiCuNb16-4 1.7131/16MnCr5
Microdosing system & tool internal cooling	WEDOLIT N52 WEDOLIT K102 Wilhelm-Dietz GmbH & Co.KG	Reservoir Process pumps Hoses Metering pumps Micro ring gear pumps Fittings Milled parts Nozzle bodies	1.0038/S235JR, 1.0570/S355JRG3, stainless steel, Viton, PUR, ADC12 (Aluminum), PTFE, NBR, PFA, POM, PUR, galvanized steel, 2.0401/CuZn39Pb3 (Ms58), 1.4301/X5CrNi18-10, 1.4305/X8CrNiS18-9, 1.4310/X10CrNi18-8, 3.3535/AlMg3, stainless steel 316L, carbide Ni- Base, alumina ceramic, epoxy resin, graphite reinforced PTFE, FKM

Johannes Proksch, Design, Ludwigslust, 22.09.2023