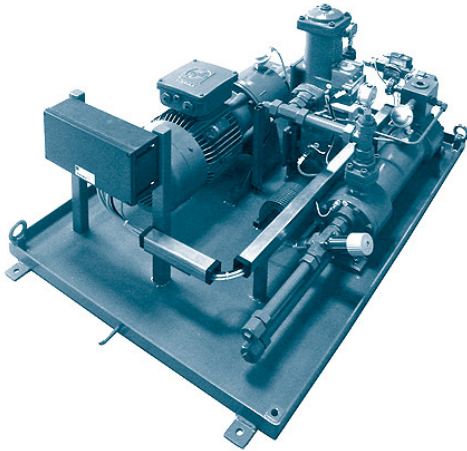


System solutions

NEW ATEX approved oil supply system designed for stationary operation for the cooling and filtering of gear oils



Universal Hydraulik GmbH now also develops and builds oil supply systems which can be used in potentially explosive environments. The systems comply with ATEX Directive 94/9/EC dated 23.03.1994 for machine group II, category 2. They can be used in zones 1 and 2.

Technical data:

- Installed performance : 3 kW
- Rotation speed : 1.000 rpm
- Oil grade : ISO VG 150
- Fördermenge : 30 l/min
- Operating pressure : 10 bar
- Oil-in Temperature: 70°C
- Cooling performance heat exchanger: 17 kW

Cooling systems

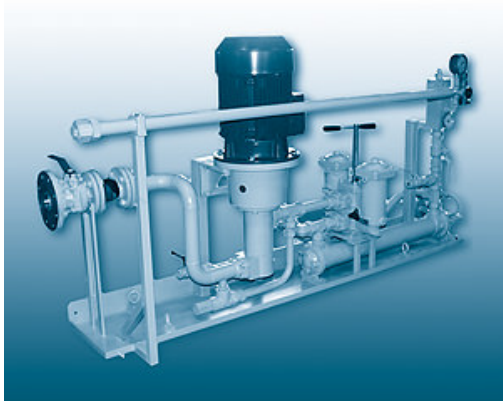


We produce Cooling systems according to our customer needs.

We mount several coolers together, if the biggest possible standard cooler is not big enough. We mount them in a row or parallel, no matter if Oil-Air or Oil-Water cooling.

Additional requests for By-pass, Noise reduction housings, single operations are as well possible as special voltages or special weldings (eg. ASME).

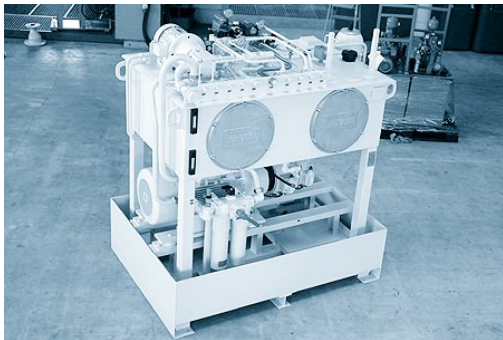
Cooling filter systems



We produce Cooling systems with our most efficient components (e.g. Screw pump, Heat Exchanger, Filter) according to our customer needs. Viscosities of 5000 mm²/s (cst), heat transfers of 150 kW and oil volumes of 350 l/min are standard for us.

Please ask us also for bigger applications or other components.

Power units



Universal Hydraulik GmbH offers to their customers over 20 years experiences in building power units. These power units are planned and designed according to our customer needs. We produce oil tanks from 10 to 10 000 liter and electrical power from 0,25 to 160 kW. We only use pumps, valves and electrical parts from main international manufacturers.