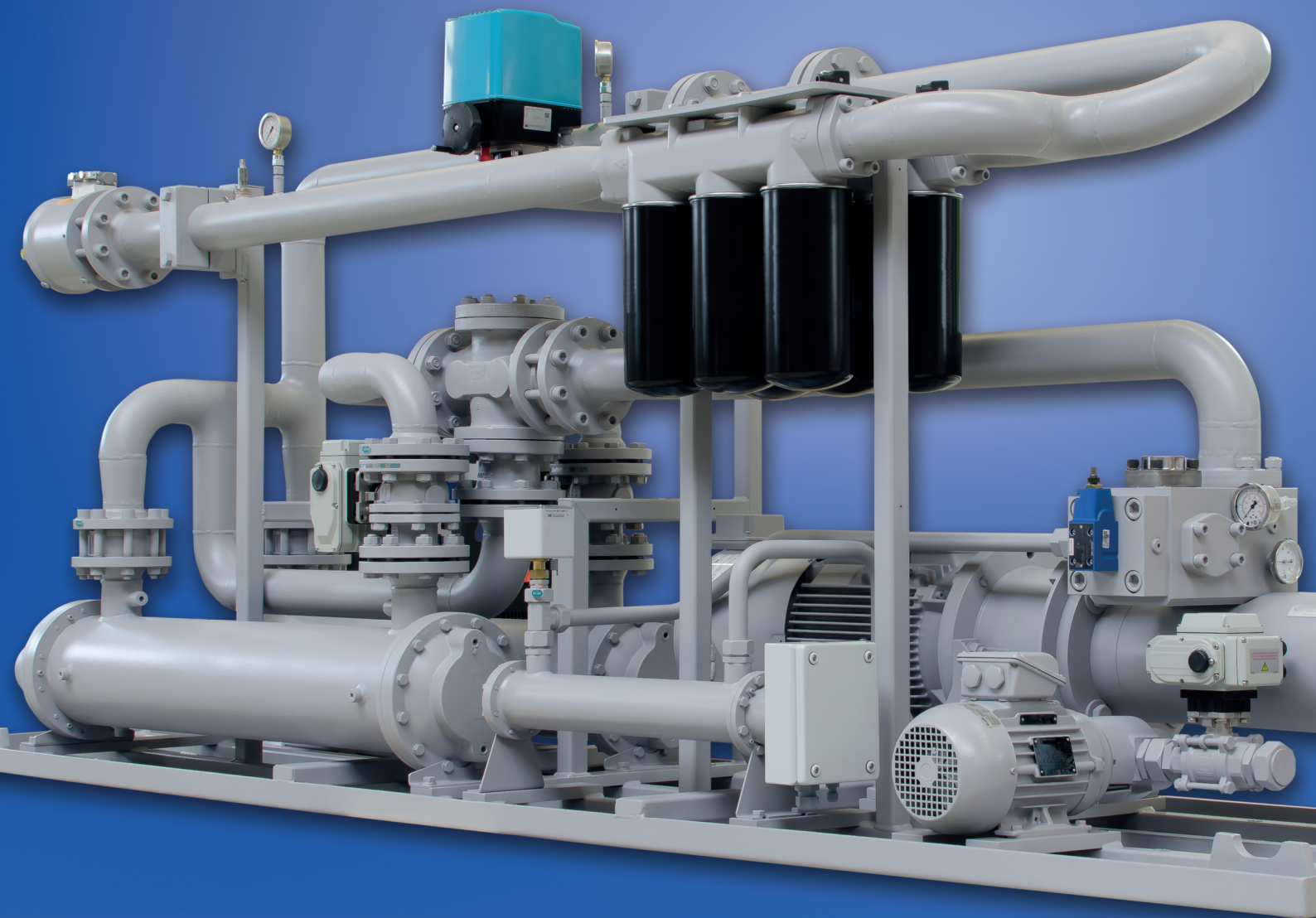


# COOLING SYSTEMS



**UNIVERSAL<sup>®</sup>  
HYDRAULIK**

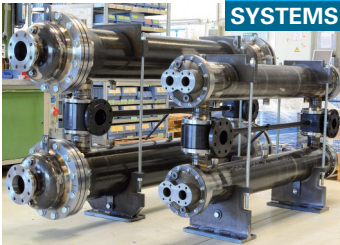


Your Partner for coolers and systems



# Cooling systems

## COOLING SYSTEMS

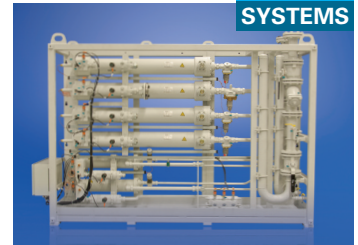


### Cooling systems

We produce also bigger cooling systems according to our customer needs. We mount several coolers to one system together (oil-air or oil-water).

Options available for Bypass piping, switch-over devices, noise reduction housings, special voltages or special weldings (eg. ASME).

## COOLING SYSTEMS



### Cooling-Filter-Heating systems

We use only proven components (cooler, EDH, SSP, etc.) for our cooling-filter-heating systems.

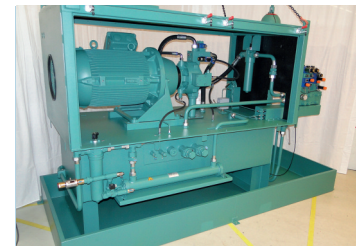
Heat transfers of 150 kW, heating capacities of 100 kW, start-up viscosities of 5000 mm<sup>2</sup>/s (cst), and oil volumes of 350 l/min are standard for us.



### Hydraulic Power Units (HPU's)

We offer over 30 years experiences in building hydraulic power units and planning systems for your. 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 reliable, main international manufacturers.



### Test stands

We offer customised test stands from engineering up to implementation since decades (eg. for analysis-, serial-, longterm-, fatigue- or burst pressure tests).

Applications are mainly hydraulics, pneumatics, gear boxes and automotive engines, as well as Tyres, wheels, shock absorbers and ABS.



### Components

Universal Hydraulik offers a broad range of hydraulic components, such as:

- Screw pumps
- Vane pumps (RACINE)
- Hydraulic cylinder
- Hydraulic-Filter
- Valves
- Heaters

### Electrical control systems

We plan and engineer customized electrical control system for test stands and hydraulic power units (HPU's).

We offer standardized electrical controls for our heat exchangers (heating and cooling), but could customize them also.

With digital networks for hydraulics sensors are industry 4.0 application possible.



Predictive Maintenance 4.0