

Newsletter

News from Universal Hydraulik

Spring 2012

Company extensions · Personalities · New product extensions · Optimised web site



Universal Hydraulik GmbH extends further!

We extended the existing production facilities at both of our production locations (January and March). Together with the investment in new machinery we are able to fulfill market requirements even better.

ELECTRICAL HEATING



With the electrical heater (EDH) as on-tank mounted version, the oil flow is controlled and the heating power can be calculated with our design software (duration and pressure drops).

NEU EDH series extended again!

Because of the vast interest Universal Hydraulik extends the series of electrical heaters (EDH) again. The heating power goes up to 90 kW now. The new data sheet includes a number of different tables to enable a simple calculation of the oil pre-heating.

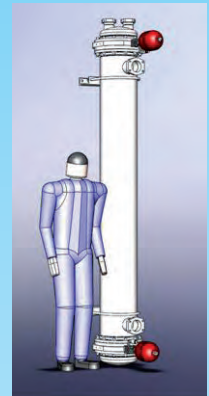
Through adding an electrical heater in a bypass cooling filter system, the problem of the pre-heating of cold oil is eliminated. There for you avoid damage to the hydraulic system via high starting pressures. To use a build in tank heater element carries the disadvantage that the oil flowing around the heating element may be coked.

Newest developments in brief:

FAIL SAFE COOLING

The series of fail safe heat exchangers are extended to a new dimension!

Universal Hydraulik is currently extending the production series of plain tube cooler (CKM), which are the basis for fail safe heat exchangers. The new 2400 series, exceeds now to Dimensions of max. 3.000 mm and up to 750 kg.



Marine certifications (ship building)



Besides the know accreditations GL, DNV, and BV UH is from now able to produce under the accreditations of the following naval companies: RINA, NKK, Lloyds Registers and ABS.

Atex-accreditations!



Universal Hydraulik offers to build the oil air cooling series (LKI) to Atex 94/9 EG (II 2G IIC T3) standards. Cooling filter systems and applications can

be individually planed and approved to Atex standards.



Special cooler!

Universal Hydraulik is developing special coolers for high temperature and high pressure applications. Please contact us if you have special requirements in this area.

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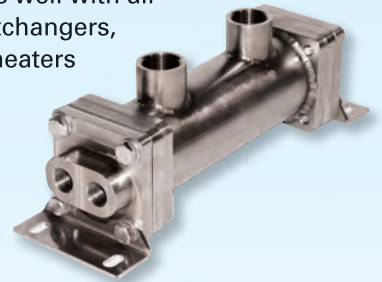
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New materials (stainless steel)

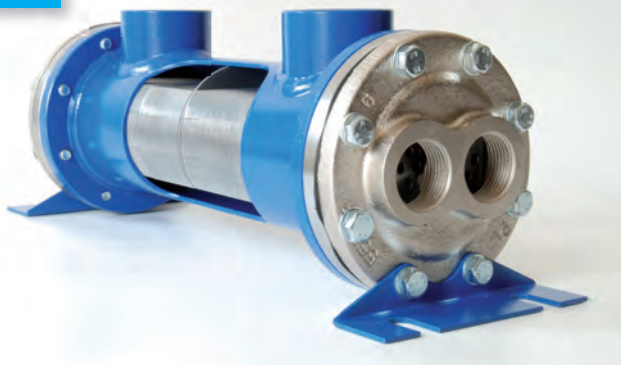
Universal Hydraulik has extended the possibilities of materials used in production. This will enable several new applications. From now we can use stainless steel for all water tubes, the complete water side or even the complete heat exchanger. Stainless Steel can be used as well with all hybrid heat exchangers, the electrical heaters (EDH) and the oil air coolers (LK).



Universal Hydraulik updates website!

Besides the optimised product display we add a „Product-Finder“. This will allow you easily to start a request for your customised heat exchanger.

HYBRID COOLING



NEU The EKM- and SCM series has been extended!

Universal Hydraulik extends this series with a bigger shell diameter (1700 size) and has build the meanwhile 6th and far biggest expanding machine for this production. We are able to reach flow rates up to 1.500 l/min or 1.000 kW cooling power with the compact hybrid design.

Universal Hydraulik changes Management!

Mr Michael Uhl will take over the operational management of Universal Hydraulik. Mr Ralf Uhl will be concentrated on managing the financial side of the business as well as heading the Czech production. He will still be available for consulting single projects on request.

We welcome Mr Karl Helmut Müller from April 1st as technical manager hydraulics. We have already a long standing relationship with Mr Müller, who used to be manager for sales and distribution in the past and has been working as a free lancer with us for quite some time. He works for us since 1990 with complex hydraulic applications and test stands. He looks to 30 years of experience in the hydraulic business.

Mr Alexander Brodt takes over the technical management for heat exchangers from April 1st to answer the growth and rising technical requirements of this department.

Mr Kai Schäfer is since march the new manager for QM and customer service after a solid and intense training period.