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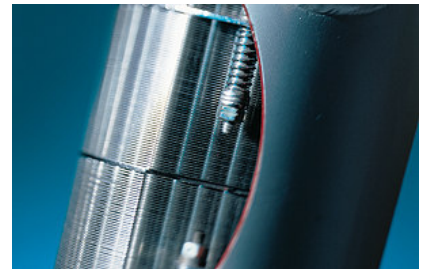


**Do you know the advantages of our "Hybrid" heat exchangers?**

**These NEW heat exchangers have the unique combination of the advantages of the plate heat exchangers and the shell & tube heat exchangers.**

Universal Hydraulik GmbH is known as a manufacturer of various types of oil-/water heat exchangers, which have aluminum cooling fins.

These "Hybrid" heat exchangers are as compact as the plate heat exchangers with a big heat exchange surface on the oil side. This is being achieved by the cooling fins (plates), which are being routed over the water tubes, forming a metallic bond with these tubes.



On the water side this heat exchanger will retain its advantages of a shell & tube heat exchanger. Because of the large smooth pipes the chance of contamination and obstruction is smaller, whereas the plate heat exchanger is much more sensitive because of the ribbed plate design. Furthermore, the tube heat exchanger is, when needed, easy to clean compared to the plate heat exchanger.

Additional advantages of this "hybrid" heat exchangers are the higher working pressure (35 bar), as well as the unique opportunity to build in an internal non-return-valve (1,2 bar).

Besides the "hybrid" heat exchangers, IPAR has the knowledge and experience to find the right solution for your cooling problem.

If you need additional information concerning the "hybrid" heat exchangers, do not hesitate to contact us.

