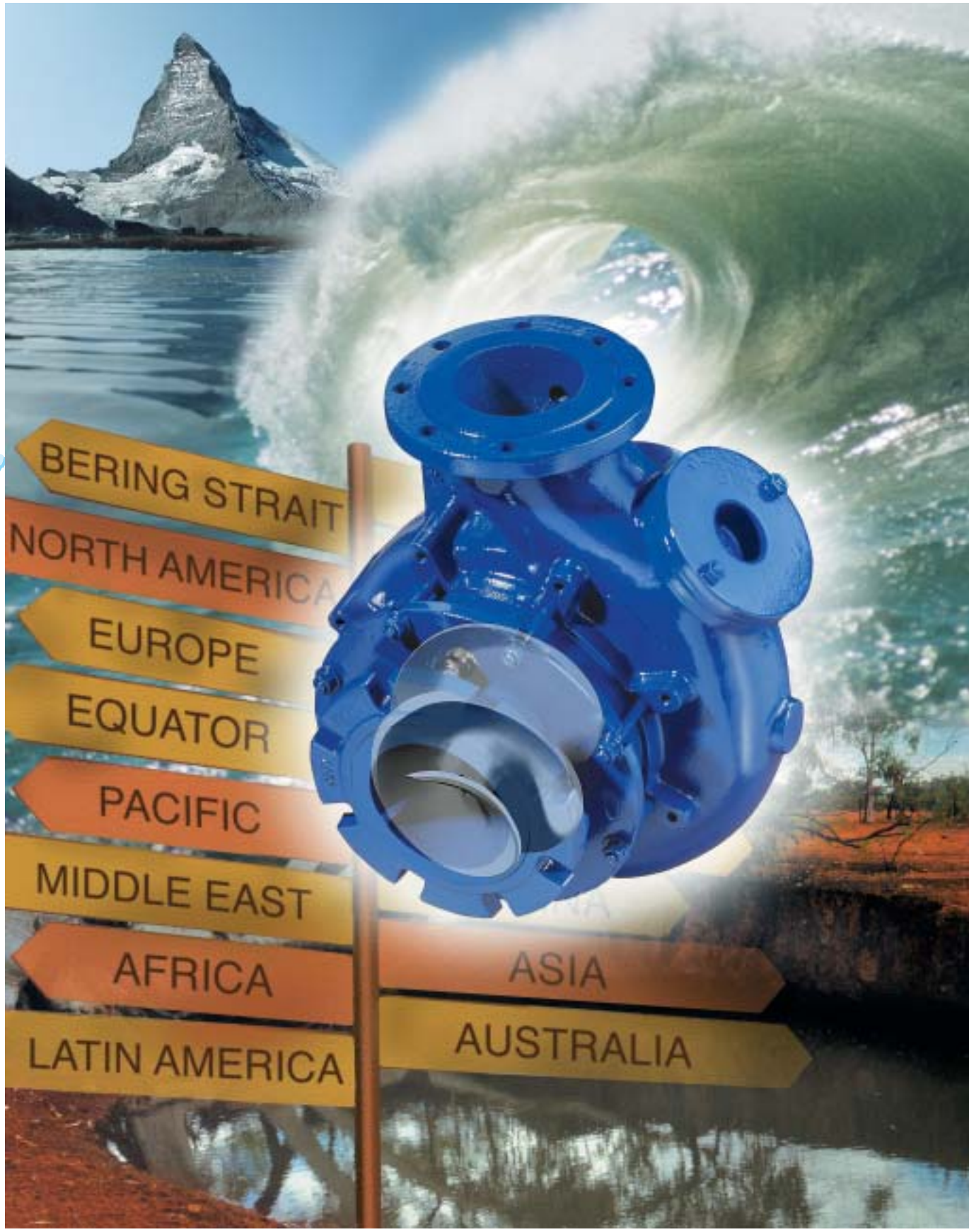
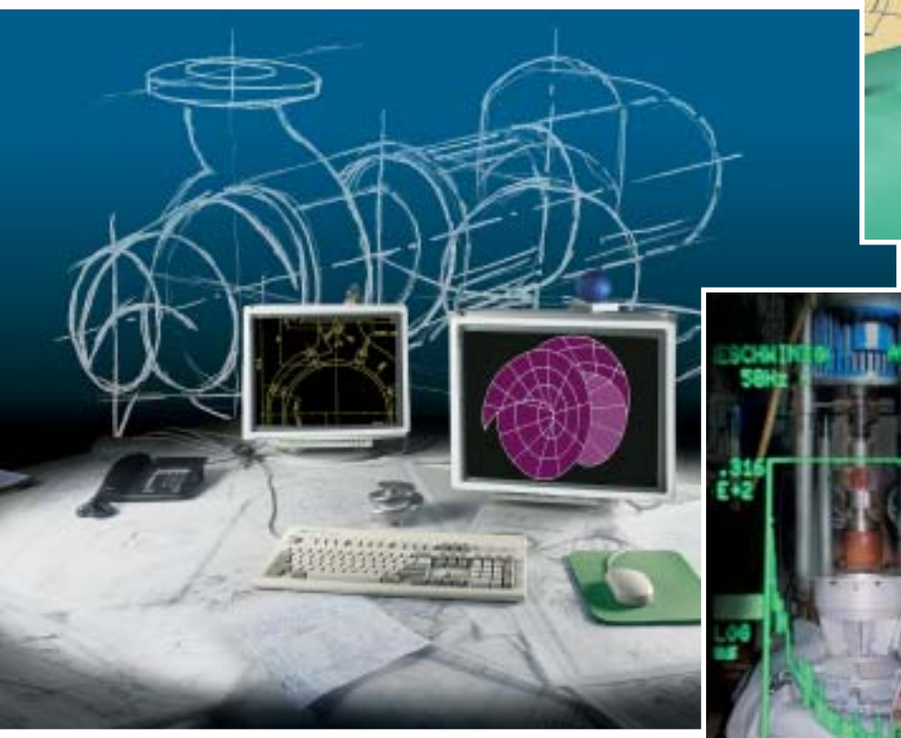
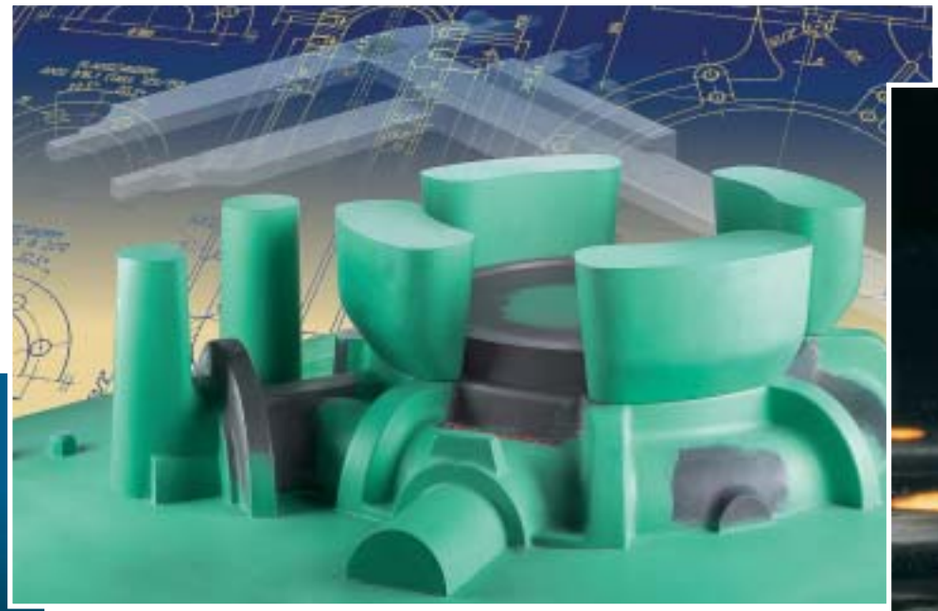


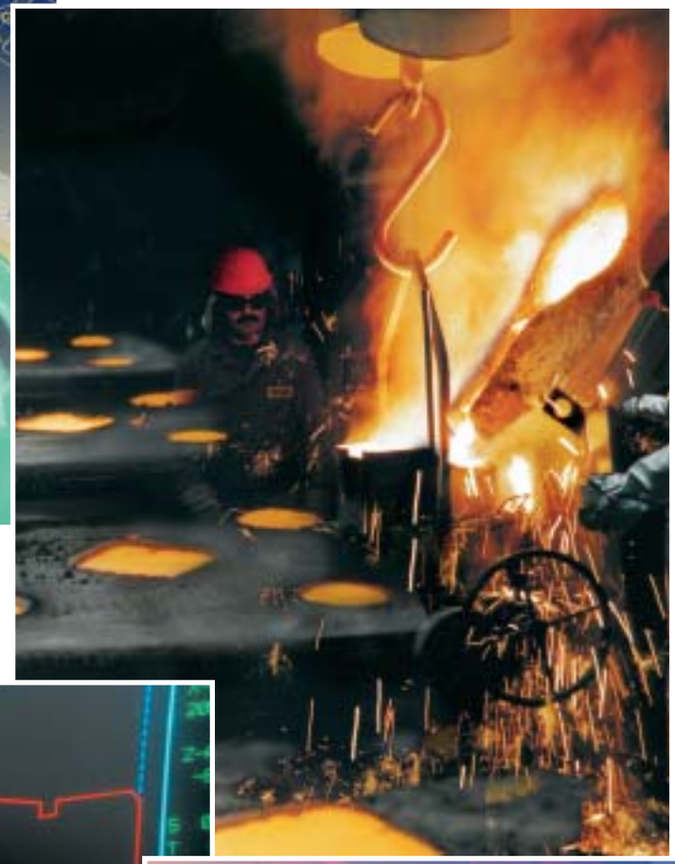
HIDROSTAL – Pioneers in Pump Technology

Today and in the future, the best solution for new problems

For HIDROSTAL, the highest level of quality is most important







HIDROSTAL has always shown a large degree of flexibility. Each step towards a new product – from the original idea to delivery – is completed within our own production.

New or alternative materials are developed, tested and produced in our own precision foundry in Neunkirch. The first prototypes built in the factory are subjected to numerous tests. Realised by specialists with a great deal of pioneering spirit, creativity and the technical know-how accumulated from many different types of solutions.

How it all began ...

The principle of the HIDROSTAL Screw Centrifugal Pump – an idea becomes successfully established

In 1960, the founder of HIDROSTAL AG, Martin Stähle, received an order from the Amial S.A. fish-processing factory in Chimbote (Peru) for the development of a system for transporting fish from the nets into a boat, and from the boat into the fish processing plant, which must work reliably without damaging the fish.

The result was the pump with the characteristic screw-centrifugal impeller. This invention was a great success. It has since been used in many ways throughout the world in countless other handling systems.

The superiority of this remarkable pump design has been generally acknowledged, so that imitations were quickly built as soon as the original patent had expired.

In the meantime, HIDROSTAL has not been resting on its laurels, but has continued development and has found new solutions. HIDROSTAL will maintain its technological advantage into the future.

HIDROSTAL is characterised by its specialised pump manufacture and by its above-average investment in research and development. HIDROSTAL has since developed several families of screw-centrifugal pumps, whose design is adapted to every particularity of the specialised application areas.

The Development Philosophy of HIDROSTAL

Every new area of application is for us a challenge. Our continuous research and development has lead to a continually-expanding range of systems, which are in use today in very different production environments.
The ongoing technical improvements and optimisations are just as important as the shape of the screw-centrifugal impeller. They guarantee the optimal handling of very different transportation media.
HIDROSTAL products result in the best price-performance ratio over the complete service life of the system. A goal that we set ourselves very early on, and that we have also achieved.

The world-wide operational area provided by subsidiary companies and sole agencies allows HIDROSTAL to gather all kinds of experience. This is available to the engineers and technicians in our factory and at the sales front in the form of a database. As a result, HIDROSTAL is able to offer solutions for new and unusual applications that have been proved in practice. Each customer receives the optimal solution.

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HIDROSTAL pumps have proved themselves in many areas of application. They are used in the food and chemical industries, in environmental technology for household and industrial sewage, in mines and in the petroleum industry.

HIDROSTAL HYDRAULICS

The screw-centrifugal pump can go beyond the limits of classical centrifugal pumps, and even into the application area of positive displacement pumps. The construction is suitable for the handling of solids in suspension and viscous liquids, as well as for applications with larger negative suction heads.

HIDROSTAL BEARING FRAME

A pump installation in a dry area permits direct access for maintenance and monitoring. This execution offers flexibility in the choice of drive, and makes possible the installation of larger power motors. Any type of installation in any position is possible.

HIDROSTAL SUBMERSIBLE MOTORS

For space-saving and economical installations submersible pumps are installed in the pump sump. For operation in areas that are dry or are susceptible to flooding, the immersible model is used. Here, a self-cooling system that is independent of the medium being handled ensures universal use. Various monitoring elements can be built into all motor sizes.

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Bildkonzepte + Gestaltung: Dubach Digital Fotostudio / A.Gaille für Werbung, CH-8214 Gächlingen