

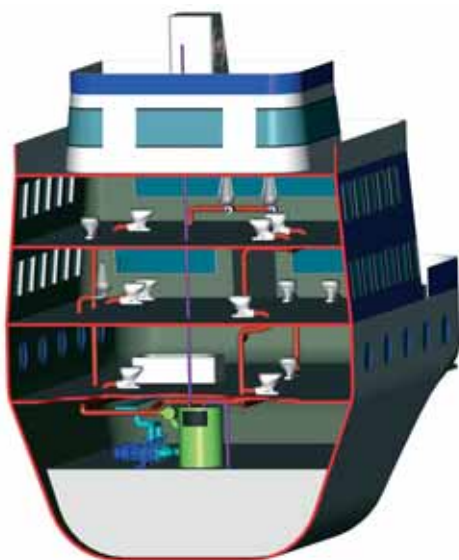
# Marine Pumps





# Exploration

The power of the ocean has fascinated humankind for millennia. It demands the highest precision and passion in ship building. Reliance on a technology that has proven itself on all of the world's oceans not only ensures personal safety, but also provides the confidence to seize the rudder. We have made it our mission to provide you with this unwavering confidence. Wherever you want to travel, a Herborner pump will be your trusty companion.



## UNIVERS P

Process pumps in the UNIVERS P series are designed for heavy-duty sewage treatment plant operation, featuring a direct drive via coupling or a V-belt drive. In this case, the main focus is on reliability and maximum efficiency over a lengthy period of operation.



### UNICUT

The milling pump. Sewage block pump with upstream cutting device for reducing substances contained in waste water down to a few millimetres.



### UNIVERS A, UNIPUMP

If you are processing effluent that tends to become entwined, is abrasive or contains chemicals, we have the best solution for you. The UNIPUMP series is also suited to a diverse range of applications in the field of vacuum drainage.



### UNIFÄK

Wherever an interior closed-cycle sewage lifting installation is required, our faecal-matter lifting solutions are in line with special specification. Ships in particular have requirements, for which we provide successful solutions.



### UNISELB

Priming operations close to the physical limit or processing of liquids containing impurities – no problem for UNISELB, your reliable partner in the field of self-priming pumps. We look forward to advising you on the best possible options to meet your requirements.



### UNIVERS T, UNIVERS T SG, UNIVERS T PO

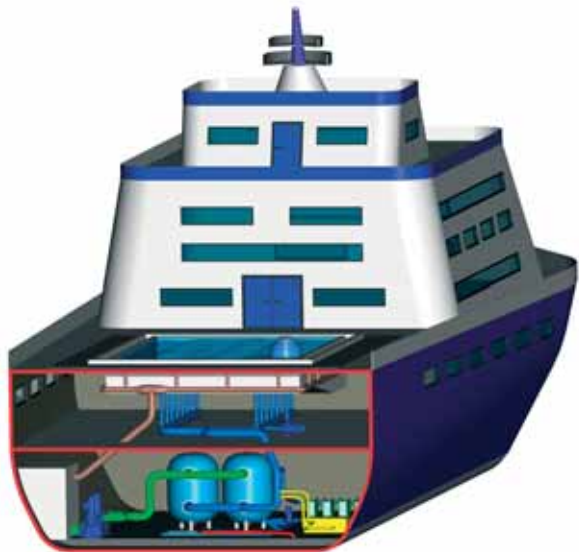
Reliability and a long service life combined with low maintenance characterise the UNIVERS T series in the sewage sector. Special designs are available for abrasive (SG) and problematic pumping conditions (PO) – we will gladly provide advice on their application.



## We offer more

Herborner marine pumps have become an indispensable part of modern ship building and the offshore industry, whether it is a huge drilling platform, a luxury liner or a small yacht. Our marine pumps and pump components are an integral constituent for high performance plant engineering for ships of every type, from ice-breakers to container ships, or technical plants in the fish-processing industry.

As one of the market leaders for pumps of marine waste water applications, we are proud to know that our high standards are converted into ideal products. Whatever the aim of your current plans or marine construction: We are ready.



### UNIBAD

The European market leader and trendsetter in swimming-pool water circulation pumps with integrated pre-filter. Compact design, high levels of efficiency and a long service life without any elaborate maintenance – that is what our customers appreciate.



#### **UNIBLOCK P**

The propeller block pump is the perfect example of how a small amount of energy can be utilised to move large quantities of water, particularly in filtration processes with high flows and low delivery heads.



#### **UNIVERS AYR**

The block pump for maximum throughput. Pool water, sewage or clean water – this highly versatile, space and energy-saving pump is capable of processing huge quantities.



#### **UNIBLOCK GF**

The water movement specialist. This pump boasts a high level of operational reliability and superior efficiency, making it the perfect solution for all applications requiring cost-effectiveness, reliability and adaptability.



#### **UNIBLOCK D**

The in-line version of the block pump offers all the advantages of the UNIBLOCK series for installation in a pipeline.

# Innovation

Innovation is about setting trends, not using trends. In the many years of its company history, Herborner Pumpenfabrik has always played a pioneering role in the development of new and the further development of existing pump technologies. The enthusiasm and commitment of our in-house development team consistently provide results that are reflected in the durability, cost-effectiveness and high practical benefit of our products.

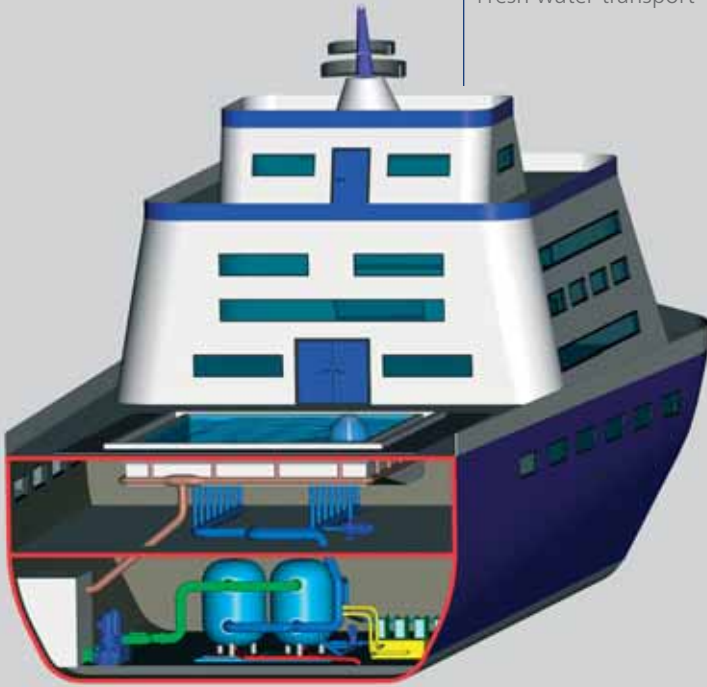
# Quality

Quality costs money: this is the short-sighted view. If you take account of the durability and reliability of Herborner marine pumps over decades, you will come to the conclusion that they bring a long-term price advantage.

We are always thinking about tomorrow. Absolute maintenance friendliness makes our quality pumps your service team's best friend.



Swimming pools  
Fresh water transport



UNIBAD



UNIBLOCK GF



UNIBLOCK P



UNIVERS AYR



UNIBLOCK D



UNIVERS T PO



UNIVERS T SG

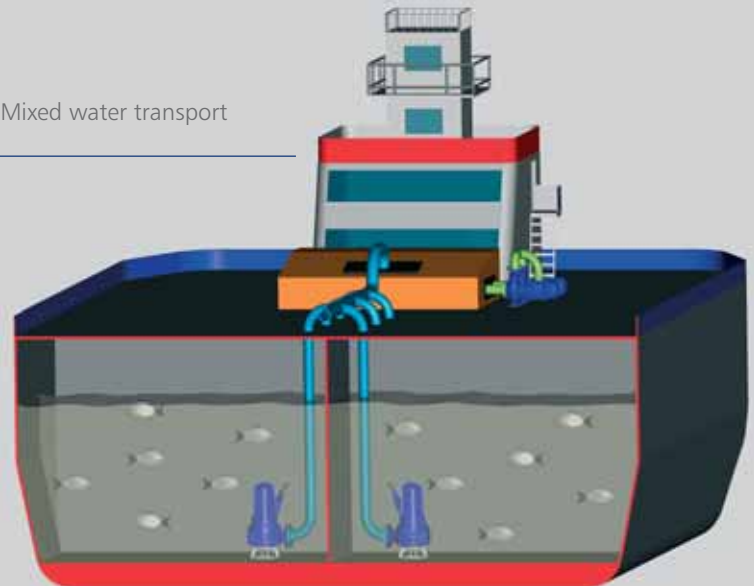


UNIVERS T



UNIVERS AYR

Mixed water transport



UNIVERS A



UNIPUMP



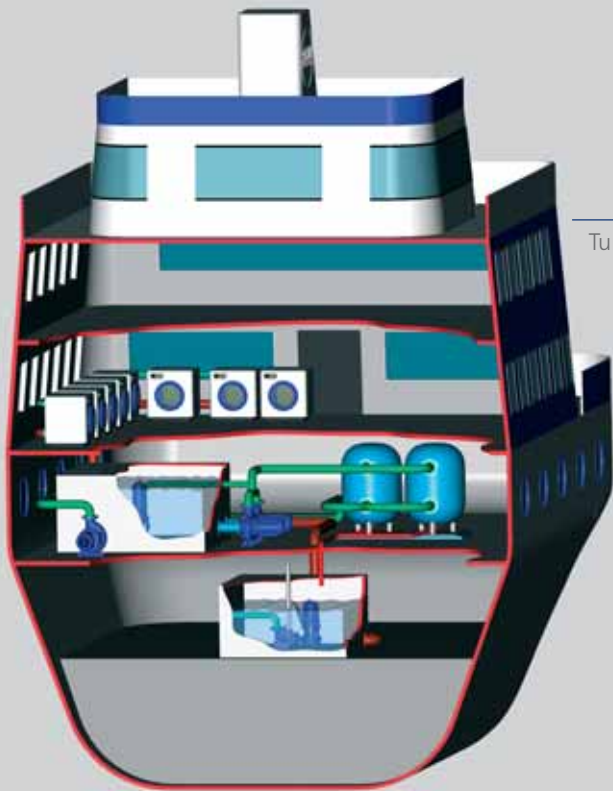
UNIVERS P



UNISELB



UNICUT



Laundries  
Turbid water transport



UNIFÄK      UNIVERS T      UNIVERS T SG      UNIVERS T PO



UNICUT      UNIVERS A      UNIPUMP      UNIVERS P      UNISELB

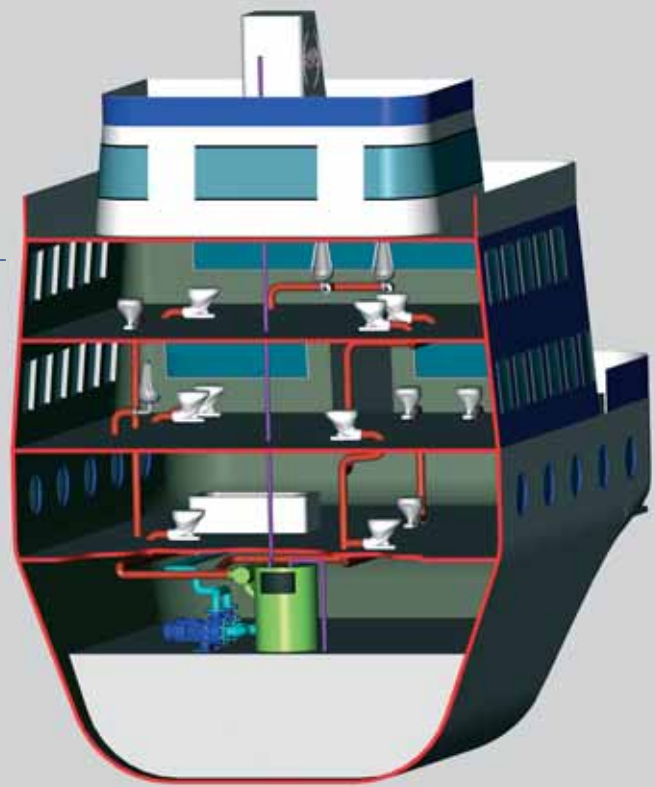


Sanitary installations  
Sewage transport

UNIVERS T PO      UNIVERS T SG      UNIVERS T      UNIFÄK



UNIVERS P      UNIPUMP      UNIVERS A      UNICUT





## **Do you want to know why the life cycle costs of our pumps aren't actually costs at all? It's simple:**

**Acquisition costs:** The acquisition costs for our products are converted into profitable investments for the future!

**Commissioning costs:** We will train your staff before commissioning the plant if required, and we will do this comprehensively and efficiently, ensuring that virtually all further consequential costs are eliminated.

**Energy costs:** We use the latest technologies, such as frequency converters or eff1 motors, so that you can benefit from low energy costs and achieve the best energy solution.

**Operating costs:** Manned monitoring of pumps – a luxury that can be ill afforded today. Modern monitoring systems reduce this to a minimum.

**Maintenance and repair costs:** Our pump technologies are worth their money and pay for themselves within a short period in operation.

**Costs for downtimes:** A perfect concept, minimal wear and maximum lifetime - this reduces time and cost-intensive machine downtimes.

**Environmental costs:** Every kilogram of hazardous material that is prevented, every cubic metre of drinking water that is saved and every kilowatt-hour of energy that is reduced, are converted into benefit for the environment and profit for you by Herborner Pumpen.

**Costs of decommissioning and disposal:** Even the life of a Herborner pump must end sometime. We therefore use the maximum number of recyclable materials, in order to minimise disposal costs. But by that time your Herborner pump will have outlived many other pumps.





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