YOUR PARTNER FOR COMPLETE SUPERYACHT SEWAGE SOLUTIONS

SERVICES
- Engineering consultancy
- Project management

PLANTS & SYSTEMS
- Grease separators
- Transfer systems
- Tank aeration
- Sewage treatment plants

TECHNICAL SUPPORT
- Commissioning
- Crew training
- Remote support
- Maintenance & Repairs
- Spare parts

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DISSOLVED AIR FLOTATION

At the core of HAMANN sewage treatment systems is our Dissolved Air Flotation (DAF) technology to separate the suspended solids (TSS) and to reduce the chemical (COD) and biological (BOD) oxygen demand. The principle of our DAF technology can be observed when opening a bottle of sparkling water: Pressurized water can hold gas that escapes rapidly when the pressure is released. In our system the macerated sewage is saturated with air under pressure. By suddenly releasing the pressure we create microbubbles that adhere to suspended solids in the sewage and float them to the top of the flotation tank. The accumulated sludge is skimmed and lead to a sludge tank. The final step of the treatment process is the deactivation of e-Coli microbes by UV radiation.

TOP QUALITY

- COMPONENTS AND MATERIALS
  - We only use the best components from renowned manufacturers and select materials carefully to withstand the demands of operation in a maritime environment.

- DESIGNED AND MANUFACTURED IN GERMANY
  - All our plants and systems are designed and manufactured in Hollenstedt, Germany according to our accredited ISO 9001 quality management system.

- PROVEN TRACK RECORD
  - HAMANN delivered its first sewage treatment plant back in 1972, even before the first IMO resolution on sewage treatment was adopted. Since then, we have installed over 5,500 sewage treatment systems on superyachts, ferries, cruise ships and naval vessels all over the world.

- DISLOTTED AIR FLOTATION
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- PROVEN TECHNOLOGY
  - EASE OF OPERATION
    - Routine functions are completely automatic, no special skills of the crew are required.
  - LOW MAINTENANCE
    - There are no membranes or filters in our systems as they would have to be cleaned, serviced and replaced regularly. Routine maintenance is straightforward and can be done quickly by the crew on board.
  - WORLDWIDE TECHNICAL SUPPORT
    - We make sure that our clients have all the backup they need to operate their HAMANN plant during its entire lifespan.

- UNRIVALED PERFORMANCE
- EXTRA SMALL & SUPER LIGHT
  - The HL-CONT Compact 0125 is the smallest and lightest sewage treatment plant with these performance characteristics and IMO MEPC.227(64) certification available on the market.

- COST OPTIMIZED & SHORT LEAD TIMES
  - Due to series production and reduced customization options, the HL-CONT Compact 0125 offers the same level of performance and quality HAMANN is known for at lower cost.

- UNCOMPROMISING QUALITY

- TOP QUALITY
  - COMPONENTS AND MATERIALS
    - We only use the best components from renowned manufacturers and select materials carefully to withstand the demands of operation in a maritime environment.

- DESIGN AND MANUFACTURED IN GERMANY
  - All our plants and systems are designed and manufactured in Holstein, Germany according to our accredited ISO 9001 quality management system.

- PROVEN TRACK RECORD
  - HAMANN delivered its first sewage treatment plant back in 1972, even before the first IMO resolution on sewage treatment was adopted. Since then, we have installed over 5,500 sewage treatment systems on superyachts, ferries, cruise ships and naval vessels all over the world.

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- WORLDWIDE TECHNICAL SUPPORT
  - We make sure that our clients have all the backup they need to operate their HAMANN plant during its entire lifespan. We do so with our highly qualified and experienced staff of HAMANN headquarters and with our global network of over 40 sales agents and service partners.