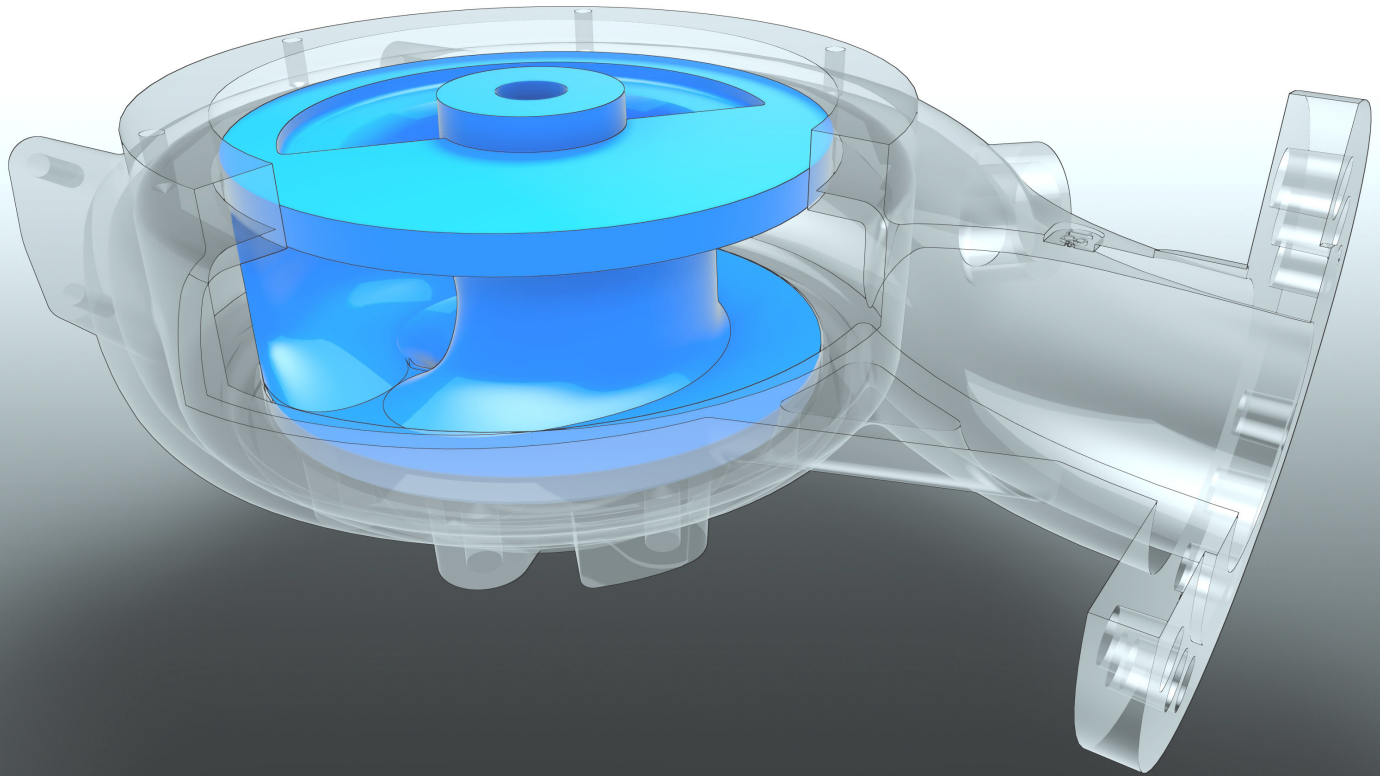


»» DECIDE ON HIGH EFFICIENCY

The new AMS hydraulics for submersible sewage pumps

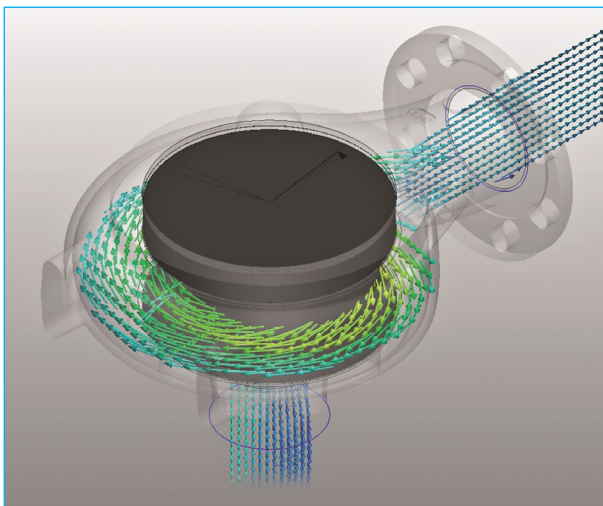
- › Increased hydraulic efficiencies
- › CFD-Optimized impellers and volutes
- › 3" and 4" solids passages





» INNOVATIVE DESIGN - HIGH EFFICIENCY

The composition of wastewater has changed greatly in recent years, with a sharp increase in solids content. In order to ensure reliable operation in modern wastewater, our new AMS hydraulics rely on closed single-vane impellers with large solids passages. Our impellers and pump housings have been redesigned at the HOMA R&D center and optimized with the latest computational flow dynamics software. The result: improved hydraulic efficiencies up to 81%, while also minimizing the risk of blockage. In combination with HOMA's proven submersible-motors, our new AMS hydraulics are setting a new standard for economic efficiency and operational reliability.



» OUR KNOW-HOW = YOUR BENEFIT

Following intensive development work with the latest flow-simulation software, as well as test installations in a wide variety of pumping applications, we can confidently state that our new AMS hydraulics provide the next level of clog-free operation. In addition to quiet running and immunity to clogging, our newly designed impellers and volutes provide great sustained efficiency with CFD-optimized flow paths. Our AMS hydraulics are available with 3-6 inch discharges, and a solids passage of 3 inch or 4 inch diameter, depending on the

model. AMS hydraulics are available for installation in wet well environments with our proven series of submersible T-motors.

For dry well installations, or when a cooling jacket is required, the new EffTec motor series is available. These energy efficient motors are equipped with the innovative PermaCool system. This permanent motor cooling system provides the option of fitting the units for submerged or dry well installation. At the same time, the new patent-pending design ensures that

the cooling jacket cannot be clogged with solids. Together with the AMS hydraulics, EffTec motors ensure the highest overall efficiency and reliability.

For more information about the EffTec series, contact your local HOMA distributor.

AMS HYDRAULICS: SUPERIOR PERFORMANCE

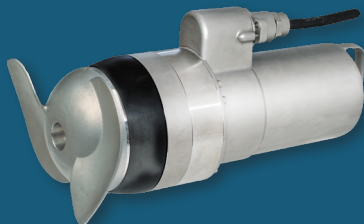
- » Optimized-flow hydraulics with large solids passages
- » High hydraulic efficiency, low energy consumption
- » Resistant to clogging or entwinement
- » Quiet running, high operational reliability
- » Robust and reliable construction: made by HOMA



The new EffTec series with PermaCool motor cooling and AMS hydraulics



From engineering to production: the highest standards of quality - made by HOMA



STAINLESS STEEL MIXERS CHRS

HOMA CHRS-Series stainless steel mixers have application in municipal and industrial wastewater treatment, industrial processing, agriculture, and many others. The robust design of the mixers assure trouble-free operation even under the most demanding conditions.

The hydraulically optimized design of the propeller and motor unit results in outstanding efficiency and excellent mixing performance with minimal flow losses.



HOMA PRODUCT RANGE

- Propeller pumps
- Submersible sewage pumps
- Wastewater disposal units
- Mixers and flow generators
- Submersible wastewater pumps
- Injector systems for tank cleaning
- Submersible grinder pumps with cutter system



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WORLDWIDE PRESENCE

HOMA pumps are installed in more than 60 countries around the world – in countless applications.

Our products comply with international safety and quality standards and are certified by many institutions and organizations responsible for national wastewater treatment standards.



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We reserve the right to alter our specifications without notice.

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