KEEP YOUR PROCESSES MOVING
Mixers and flowmakers for wastewater and sludge applications
STIRRING SUPPORT FOR YOUR SYSTEMS

Grundfos is dedicated to making wastewater systems of any kind as reliable and efficient as possible. Our AMD, AMG, and AFG ranges reflect this dedication. Very dependable and highly efficient, these submersible mixers and flowmakers prevent sedimentation and support processes in treatment plants, industries, and agriculture.

All models share many features, facilitating easy maintenance. Materials are selected for strength, and every component is tested for durability before assembly. Recent evolutions include a triple sealing system for maximum protection of the mechanical shaft seal as well as an installation-friendly bracket.

Grundfos mixers are available with direct (AMD) or planetary gear-driven (AMG) stainless steel or polyamide propellers. All flowmakers (AFG) are gear-driven and share the AMG motor design.

THE AMD, AMG, AND AFG AT WORK

Mixers and flowmakers make sure that particles remain evenly distributed in wastewater and sludge, preventing sedimentation and supporting treatment processes.

A complete range of installation accessories is available for all models. For full details, visit Grundfos WebCAs online.

Mixers are ideal for preventing sedimentation in small-scale pumping stations.

The range covers everything from small-scale mixers, ideal for prefabricated pumping stations, to large-scale flowmakers created for large tanks and basins. Wastewater infrastructure is an obvious application area—from network stations to treatment plants—but the mixing power of the AMD, AMG, and AFG ranges is also appreciated by industries and agricultural professionals worldwide.

Typical application areas:
- Sewage pumping stations
- Wastewater treatment plants
- Industrial processes
- Agriculture

Installation

Great care has been taken to ensure easy installation of the Grundfos mixer/flowmaker ranges. The mounting bracket has been optimised on the basis of installer and customer input; for example, top/bottom fixation capabilities make the units instantly suitable for a very wide range of applications. Different control options are available to match your system—from start/stop to more sophisticated functions. Ask us for more.

MIXER AND FLOWMAKER FEATURES

– and what they do for you

AMD

Innovative bracket design allows easy installation—capable for many different applications, from start/stop to more sophisticated functions. Ask us for assistance.

AMG/AFG

Water tight cable entry: A watertight cable entry point with self-shaping and self-centering design prevents cable damage.

Active electronic leak detector ensures quick leak detection and helps prevent contamination. Very dependable and highly efficient, these submersible mixers and flowmakers prevent sedimentation and support processes in treatment plants, industries, and agriculture.

When you design your systems, we invite you to draw on the Grundfos font of experience. Our application specialists can help ensure the right flow characteristics, velocities, etc. You may well find that Grundfos’ recommendations can save you substantial sums on construction. To make the most of our help, we urge you to call us at the earliest stage possible.

This leaflet is intended as an overview only. For full details on individual mixer and flowmaker models, sizing, accessories, etc., go online. Everything you need to know is there.

Mixers are ideal for preventing sedimentation in small-scale pumping stations.
SEE THE BIGGER PICTURE

Grundfos is a global leader within water handling technology. Our passion is to bring you all the products you require to create and operate pump systems that combine reliability, cost-efficiency — and innovation. Our products are for use in water supply and wastewater infrastructure on any scale.

Grundfos has a full line of products and systems for the intake, treatment and distribution of drinking water and for the transport and treatment of wastewater. We also offer expertise and industry insight that can increase reliability and reduce lifecycle costs for water utilities.

Key product areas include:

- Submersible pumps
- Surface pumps
- Sewage pumps
- Mixers, flowmakers & recirculation pumps
- Pumping stations
- Monitoring & controls
- Dosing & disinfection
- Aeration equipment

Our products are the result of decades of engineering expertise. Supported by a worldwide service network. Visit water-utility.grundfos.com for more.