KEEP YOUR PROCESSES **MOVING**
Mixers and flowmakers for wastewater and sludge applications

**GRUNDFOS AMG, AMD, and AFG RANGES**
Mixers and flowmakers 2.0 - 25.0 HP
60Hz North America
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 mast, bracket, support system.

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.

The range covers everything from small-scale mixers, ideal for prefabricated pumping stations, to large-scale flowmakers – from start/stop to more sophisticated functions.

Different control options are available to match your system – from start/stop to more sophisticated functions.

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

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MIXER AND FLOWMAKER FEATURES – and what they do for you

AMD

Innovative bracket design

Motor protection: The motor is protected against overload and overheating by three thermal switches placed in each motor winding. The motor is protected against overload and overheating by three thermal switches placed in each motor winding. Overload and overheating by three thermal switches placed in each motor winding.

Motor housing: The housing is a stainless steel casting, which accommodates the mechanical shaft seal, minimising wear and service requirements. The housing is a stainless steel casting, which accommodates the mechanical shaft seal, minimising wear and service requirements.

Protection ring

Flexible motor bracket

Active electronic leak detector

Two ball bearings

Planetary gear

Triple sealing system

AMG

Motor protection: The motor is protected against scavenge and clogging operation. The propeller hub with excellent self-cleaning capabilities, made from stainless steel AISI 316. Stainless steel AISI 316. Clean, self-cleaning propeller

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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 bracket has been designed on the basis of installation and customers input – 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.

Agriculture

Industrial processes

Sewage pumping stations

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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.