



BAUER

FOR A GREEN WORLD

Press release

Voitsberg/Hannover, November 2013

AGRITECHNICA 2013:

Submersible Motor Mixer MSXH stirs up biogas

Optimum homogenization and gas tight seal

The submersible motor mixers of Bauer, the traditional specialist in slurry technology, ensure an optimum homogenization of liquids. The planetary reduction gear unit guarantees high efficiency. The MSXH model series has been modified to be gas tight to 6 bar, & match the requirement of biogas plants

Bauer submersible motor mixers are designed for high efficiency and engineered using high quality durable materials. The internal design elements, motor and propeller shaft are on the same axis level, & guarantees an efficient homogenization of the substrate. In the planetary gearbox, several hardened and polished interlocking gears operate simultaneously, friction is reduced and there's less power consumption. The large diameter twin-blade stainless-steel thrust propeller has a special thrust pitch which results in higher efficiency.

Due to a cleverly devised oil-feed system, thorough lubrication of the gears is guaranteed at operating angles of +/- 30°.

Based on these characteristics, Bauer offers with MSXH several models especially modified for use in biogas plants. For additional safety, the biogas model submersible motor mixers are equipped with level probes that guarantee an immediate safety shut off immediately the equipment is installed. It's also important the walls are gas tight. The mounting kits are height adjustable and the operation of the mixer is external. Enhanced and safe mixing of slurry in the biogas plant is guaranteed.

Visit us at Agritechnica from November 10th to 16th **hall 16 (slurry) – booth C 17!**



Legend: Bauer Submersible Motor Mixer MSXH

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<http://www.melzer-pr.com/newsroom.htm> -> on the right-hand side „Bauer Group“

The Bauer Group at a Glance

Since its foundation in 1930, the BAUER Group - headquarters in Voitsberg, Styria, has been focused on irrigation and slurry management technology. Whilst initially producing wastewater and slurry pumps, the company first became an international player in the sector of irrigation technology in 1947 with the patent-protected Bauer lever lock coupling - named after Rudolf Bauer, the company founder. Today the company is developing rapidly in the biotechnology sector with wastewater treatment & biogas plants and it is focusing on three main sectors: irrigation management, waste management as well as energy management.

BAUER is the Global market leader in irrigation technology: A total of more than 2,5 million hectares is globally irrigated. A major part of sales representing 50% of the total turnover is achieved in the sectors of slurry and environmental waste processing. The BAUER Group exports to more than 90 countries of the world. With approx. 530 employees, Bauer made a turnover of about 167 million Euros in 2011/2012. With an export ratio of 90%, the main markets of the BAUER Group are Germany, France, the CEE countries, China, the USA, South-America and Australia.

The BAUER Group currently consists of 17 companies worldwide.

Product Range

- Various irrigation systems
 - Automated pivot and linear systems, i.e.: Centerstar, Centerliner, Linestar
 - Irrigation machines, i.e.: Rainstar, Duostar, Rainboy or ProRain
 - Traditional irrigation, i.e.: pipe systems and solid-set plants
- Slurry transportation (slurry tanks)
- Innovative slurry treatment: mixers, pumps, separators, composting and distribution
- Pipes and fittings
- Wastewater treatment and separation technology for the food and paper industry
- Components for Biogas plants
- BRU Bedding Recovery Unit

Internet Services

- *Configuration of all machines*
- *Ordering of all spare parts*

For further information see: www.bauer-at.com

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