



Press release

Voitsberg/Hannover, November 2013

AGRITECHNICA 2013:

Bauer HelixDrive eccentric screw pumps for a wide range of uses

Light hollow rotor for the high performance transportation of liquid media

The transportation of liquid media represents a key factor in the functioning of overall systems both in agricultural companies and in industry. Bauer from Voitsberg in Austria offers optimal solutions for this process and will be presenting its modern pumping technology at this year's 'Agritechnica': the 'helix' has been produced using various materials and offers the highest levels of quality and an exceptional performance.

"Our helix eccentric screw pumps are the optimal solution for customers with high standards," explains Bauer product specialist Gernot Pauger. The scope of possible uses for the helix pumps ranges from thick liquid manure to slurry, sewage sludge, distillery residue and molasses. Depending on the area of application, the pump is available as a 'helix drive' with an electric drive for stationary use or as a 'helix jet' for flexible use via the power take-off shaft on a tractor. Both models are robust in design: "The light hollow rotor forms the heart of the pump. It has been produced at Bauer using a special unique process and is completely break-proof. The system enables the best possible level of smooth operation". Thanks to the rotor and its dimensions of **100 mm**, the same level of performance can be achieved as competitor devices yet with a significantly lower rotational speed and therefore lower levels of wear and tear. "Our helix pumps are designed for continuous use," says Pauger.

Compact structure enables hassle-free integration into existing systems

The sufficiently sized flanges (suction side 150 mm, discharge side 125 mm) effectively prevent blockages developing. If, despite this, a backlog does accumulate, the inside area can easily be accessed via the cleaning lid. Pauger is also proud of the dimensions of the helix pumps: "The extremely compact structure means that the device can easily be

integrated into existing systems. The helix fits comfortably into existing pump sumps". The installation process is also simple: the entire unit is mounted on a base frame. No additional cast components need be screwed on or added. If greater performance is required, the tandem pump can be used. In this way, two pump units can be operated either together or individually. Both units can be used in the event of a high power requirement. Where the power demands are lower, one unit can be switched off to protect the pump.

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



Legend: Bauer HelixDrive eccentric screw pump

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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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