



BAUER

FOR A GREEN WORLD

Press release

Voitsberg/Hannover, November 2013

AGRITECHNICA 2013:

Bauer: Submersible motor range with 4.0 up to 15 kW

Level of efficiency increased by 10% on predecessor model

Modern pumps have been developed under the Bauer brand for more than 80 years. At Agritechnica Bauer will present the CSPH submersible motor pump with an output of 4.0 up to 15 kW that will follow on from the tried and trusted Magnum S. The CSPH offers some impressive performance data: the pump can transport up to 80 m³ of liquid in an hour with an impeller rotation speed of 1450 rpm. The pressure head stands at 13 m, corresponding to an increase of around 30% on its predecessor model. Overall, the effectiveness of the CSPH has been increased by 10% compared to the Magnum S.

The engineers at Bauer have optimised the CSPH for flow rates of between 20 and 240 m³ per hour. This enables the pump to fit in perfectly with existing Bauer separator systems such as the BRU (Bedding Recovery Unit) or the new 'Compact' small-scale separator.

The pump is also ideal for use in standard liquid manure management systems. Like its predecessors, the CSPH is suitable for transferring, stirring, tube cleaning or filling slurry tanks.

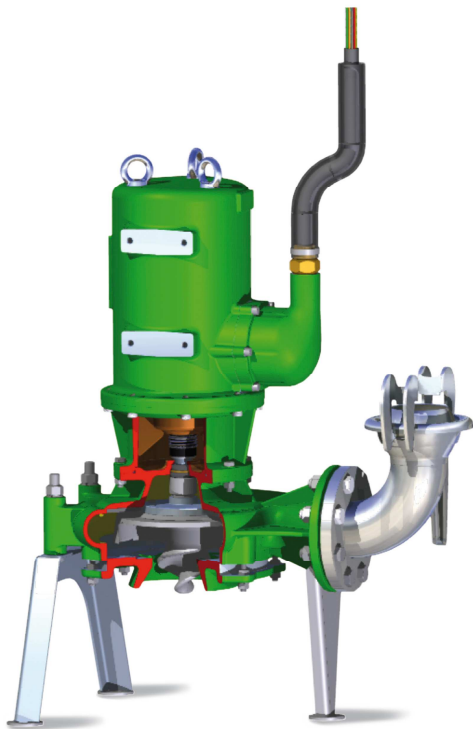
One key benefit of CSPH is the new cutter bar. The bar is adjustable and exchangeable and is made from high quality chromium steel which has significantly improved the cutting performance and product lifespan. The wear plate in the spiral casing can also now be exchanged.

The pump is powered by a rotary current submersible motor of 4.0 up to 15 kW. The unit has an 88.3% degree of efficiency and therefore corresponds to efficiency category 1. The motor also falls into insulation category H and includes temperature monitoring. This means that

the new CSPH can be used without restriction in biogas plants. A special leakage probe in the motor adds additional operational safety.

The company founder Rudolf Bauer developed and built the first Bauer pumps in 1930 at the site of the company's current headquarters in Voitsberg, Styria. Today the brand is represented and renowned on all continents across the globe. More than 8,500 retailers across the world are supplied with Bauer products.

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



Legend: Bauer CSPH submersible motor 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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