



# BAUER

*FOR A GREEN WORLD*

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## **Press release**

Voitsberg/Hannover, November 2013

AGRITECHNICA 2013:

### **The most efficient irrigation system under the sun**

Top quality irrigation systems ensure high yield to professional land users

**The availability of water has become a more and more decisive factor for a continuously successful cultivation of agricultural surfaces. Those who go for irrigation can always compensate unbalanced precipitation rates and secure thus their harvest. The Bauer Pivot System 9000 is an especially efficient way of irrigation. The "Linestar" for square areas and the "Centerliner" for irregular fields are available in this series. The Bauer company - on the market for more than 80 years - is technology leader and the longest established global producer of irrigation technology. Today the Bauer Group serves customers in more than 90 countries worldwide.**

The irrigations specialists from Voitsberg, Austria, are dedicating themselves to optimal efficiency and highest cost-effectiveness for the benefit of their customers. Therefore they have developed the existing Pivot System 5000 and have adapted it to the increasing demands of a professional, extensive agriculture. "The requirements for material, technique and electronics are rising permanently. Today we are irrigating land that was out of question some years ago," reports product manager Johann Gallaun. Bauer's counting on European quality and their striving to implement both sturdiness and user-friendliness haven proven their worth. Gallaun: "Plug & Play - that's all our customers need to do unless they want to intervene in the control process."

### **Higher stability and stress resistance**

Starting out from these demands, Bauer has reworked for the System 9000 all essential components, from the central tower and the drive cart to the span. "The stiffening beam of the central tower has been equipped with a guide which makes it even more stable; the seals are protected," points out Gallaun to give an example. The efficiency of the feed pipes has

been optimized by a bigger cross section. "In addition we have revised the power transmission at the drive carts," explains Bauer's irrigation expert. The big wheelbase provides stability even in broken terrain and in case of squalls. The lines at the drive carts are equipped accordingly with ultra-flexible couplings ensuring still an optimal flow without pressure loss. Bauer is the only manufacturer to offer a switch lever directly above the turning point of the flexible joint. Eventual distortions in the pipe cannot influence the switch paths, and the system is kept stress-free.

### **Corner System: irrigation efficiency of 98 percent**

The spans between the towers contribute to increase the stability and the user-friendliness as well. "The uniform arch of the span provides best stability and it adjusts perfectly to uneven terrain," explains Gallaun. Another reason for solutions from Bauer is the reputed high precision of control for to-the-point irrigation of different crops. Both the "Linestar" on square areas and the "Centerliner" on irregular fields can be used for to-the-point and highly efficient irrigation. The "Precision Corner System" is one of Bauer's flagships converting a circular irrigation surface to an almost square irrigation pattern and ensuring optimal irrigation of 98 percent of the total area available. Such efficiency is Bauer's outstanding characteristic. They also set international standards when it comes to the availability of the distributed water to the crops. "Here too, we are technology leader with up to 97 percent efficiency."

Visit us at Agritechnica from November 10th to 16th in **hall 21 (irrigation) – stand no. G 05!**



Image caption: Efficient irrigation with "Linestar" for square areas

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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](http://www.bauer-at.com)

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